

# TELL EN-NASBEH

EXCAVATED UNDER THE DIRECTION OF  
THE LATE WILLIAM FREDERIC BADE

## II

### THE POTTERY



H. Neil Richardson

# TELL EN-NASBEH

EXCAVATED UNDER THE DIRECTION OF  
THE LATE WILLIAM FREDERIC BADE

## II

### THE POTTERY

BY

JOSEPH CARSON WAMPLER

*Curator of the Palestine Institute*

WITH A CHAPTER BY

CHESTER CHARLTON McCOWN

THE PALESTINE INSTITUTE OF PACIFIC SCHOOL OF RELIGION

AND

THE AMERICAN SCHOOLS OF ORIENTAL RESEARCH

BERKELEY AND NEW HAVEN

1947

COPYRIGHT BY THE PALESTINE INSTITUTE, 1947

PRINTED IN THE UNITED STATES OF AMERICA  
BY J. H. FURST COMPANY, BALTIMORE, MARYLAND



## PREFACE

SINCE RESULTS are cumulative in all fields of investigation, it becomes increasingly difficult to assess indebtedness as time passes. Already it is difficult, and even impossible, to say what is owed and to whom. That we of today are adding to earlier efforts is a truism; yet the opportunities to acknowledge these efforts are rare. Therefore, it is as a privilege that I grasp this opportunity to express a general but sincere appreciation for the work of those who have dropped the spade.

Coming to modern times, it is possible to be more specific. Scores of references to publications were made. Each of these is an acknowledgment of debt as well as a citation. A small army of staff members, technical assistants, and laborers performed important functions that contributed to the published results. Being a staff member myself, I have a real appreciation for their efforts.

Most credit, naturally, is due those associated with the Tell en-Naṣbeh expeditions and the Palestine Institute. Here, I confine myself to remarks bearing upon the development and publication of this pottery study. One of the many facets of Dr. Badè's personality was the ability to be comprehensive and thorough in the treatment of details. At TN the result was an extensive series of records, which are the foundation of a study of this type. Their compilation was tedious and expensive, as also was their study and publication. Great credit is due Mrs. Badè as an active supporter and staff member of the expeditions and especially for carrying through with patience and sacrifice the demands which were placed upon her to complete the work. In carrying out this project, it was more than fortunate that another thorough scholar, Dr. McCown, was at hand to accept the responsibility. My debt to him is of long standing

and of numerous instances, aside from all benefits which are added to this work as a result of his editorship. All of the staff members have made important contributions which are reflected in this research. Their names and achievements receive detailed treatment in volume I. In addition, Mr. J. P. Collins did the classifying of the TN cooking pots and cylindrical jars, while Mr. Nicias P. Reckas did some drafting. Miss Margaret Harrison, the secretary of the Institute, has been responsible for a number of research projects, and did much of the more meticulous typing. She and Miss Sarah Shtoffer are warmly thanked for the very accurate typing and for the work which they did on the appendixes. Dr. Dietrich von Bothmer composed and drafted the plates of line drawings, an accomplishment for which he is to be highly commended. The rescaling of some of our photograph records was a vexing job expertly performed by Mr. William Matthews. Various friends in the archaeological as well as other fields have been generous with their advice and assistance. Dr. W. F. Albright, Dr. John W. Flight, the staff of the Oriental Institute, Dr. G. Ernest Wright, Dr. J. L. Kelso, and the staff of the University of Pennsylvania Museum have been most cordial in the extension of their assistance and facilities. Mr. Stillson Judah, Miss Elizabeth Badè, Mrs. Badè, and Mr. William Badè adapted themselves to a restricted schedule in order to help complete the more tedious and exacting proof reading of the manuscript.

All these people merit and receive my gratitude. Now that the work is completed, if they have some sense of satisfaction for having been associated with this enterprise, it will add to that which I already feel for their generous co-operation.

J. CARSON WAMPLER



## INTRODUCTION

THIS STUDY is a logical continuation of the field methods put into practice at TN. Throughout all campaigns Dr. Badè was strongly influenced by the advice and suggestions of Dr. Fisher, especially on matters pertaining to methods. So in 1932 he decided to put into effect an idea of Dr. Fisher's, i. e., the technique of treating every architectural and recording unit, such as a room, cistern, bin, square, etc., as meriting full recording. This included, in drawings, photographs, and descriptions, the qualitative as well as quantitative aspects of the evidence from each unit. The same procedure was followed in 1935, and the result was an exceptionally complete series of records for about 400 rooms and 150 cisterns, bins, silos, caves, and tombs. Naturally, a large proportion of these records are of pottery and potsherds, so that it was possible to assemble an extensive collection of shapes for a number of classes of vessels, some of which were previously but scantily illustrated.

But at the time of these campaigns the implication was made that too much attention was given to the recording of pottery and potsherds. The alternative was to do much more listing of parallels on the basis of a limited number of key drawings. Such procedure would eliminate much drafting, but it has some disadvantages. (1) It places undue emphasis in the field on the interpretative function to the disadvantage of the recording. This is on the assumption that the first duty of a field expedition should be the making of accurate and complete records, and anything that is a detraction from rather than an addition to this function is inferior technique. When one or more persons condense and abbreviate recording procedures by "typing" or listing of parallels, at least the first steps of judging the significance of the objects have been taken, and the interpretative function is well along. (2) In making such judgments, the subjective factor becomes prominent at a time when it is still possible to use much more objective methods and to continue to draw the shapes so anyone can judge of them. This is a comment on method and not on

personnel, for anyone will admit that the value of judgments vary. (3) Also some destruction of evidence results. Roughly it equals at least the degree of difference between the actual object and the "type" parallel as well as between the "typer" and those who disagree. (4) Then comparative work concerning groups is made difficult on the basis of records that have to be fitted together from scattered and approximate elements. The closer one is to the original material, the more satisfactory is the basis for the comparative work. Such are disadvantages of the method which holds reproductions to a minimum.

The advantages of the fuller recording are apparent in the results. It is widely known that at TN the accumulation of debris was thin and the stratification disturbed. Therefore the stratigraphic method was of limited value in studying the history of the site. Other methods were needed. Those of chief value have proven to be comparative study of artifacts and a modified statistical treatment of the records. And here is where the full records of materials from recording units proved their worth. Nevertheless, it is to be regretted that this worth was not enhanced by less disturbed stratification.

The most important groups of artifacts came from tombs, cisterns, silos, bins, and rooms with definite floor levels. Some included objects of dating significance.<sup>1</sup> These were used as the basis for studying the others. Further information and refinement was provided by comparison with additional TN material as well as that from other sites. A valuable, long, and overlapping series of groups has resulted. These have been used as a flexible standard to evaluate many other groups. In the process, they have been modified from time to time, as can be expected in the future as archaeological data accumulate.

Accumulate suggests quantitative evidence as well as qualitative. The former has been emphasized more frequently in terms of wider geographical area and more numerous sites, while its importance for indi-

---

<sup>1</sup> See vol. I for treatment of objects having dating significance. They are also set off in Appendix B by special mark.

vidual sites has been neglected. The argument has been made that factors, among others, of personal taste, buying power, occupation, source of supply, as well as accident, will effect the proportion of pieces of pottery or artifacts in a room, house, or site. This is granted; for the more groups that are examined the clearer this becomes. But how shall the cultural and chronological significance of variations of proportional representation be resolved? Part of the answer is to be found in accumulation and study of more material. This should include more material from individual sites as well as from a greater number of sites.

Now the variations of proportional representation proved baffling when the study of TN groups was first begun. But as group after group was examined, instruction followed. As the series lengthened more of the relative importance of differences and similarities became apparent, as is the case when the series is large enough. It is believed that some valuable additions to the accumulation of such a series follow from the TN results.

These follow in considerable measure on the modified statistical treatment of the material. Much of the recording work was done with this kind of treatment in mind. Yet the qualification of "modified" is inserted, lest too great claim for the method be understood. It is appreciated that the evidence does not admit of close statistical application; for, among other reasons, much of it was not collected for this purpose. However, a considerable quantity of records is necessary for the operation of even a modified statistical method, which is a major reason for the fullness of record on parallels for individual types from TN (with the description under appropriate serial number as on the plate) and other sites (Appendix A).<sup>2</sup> It must not be assumed from this quantity of records that the primary purpose was to give a detailed history of each type, although much valuable information towards this end naturally is an accompaniment or by-product of the accumulation.

Now is it contradictory to admit that the history of pottery types and styles was of a lesser but im-

portant consideration? It is intended to emphasize this approach here in order to disclaim dependence on evolution of form, which might be suggested by the arrangement of the types on the plates as well as occasional wording of the discussion. The preference is to allow all evolutionary implications to be carried over to the accumulating body of such evidence until it is convincing by its own completeness and weight.

The first step in this pottery study was the classification of the TN records into a series of over eighteen hundred types. A summary of the representation of each type at TN is to be found with the description of the type object under the appropriate serial number. Then the types were compared with published material from other sites, mainly Palestinian.<sup>3</sup> The aim was to get the facts first, as nearly as this is possible within the judgment of the comparer. Variations in quality of reproductions raised other problems, which frequently led to qualifications as indicated in the introduction to Appendix A. In addition, comments on the evidence for dating and pertinent differences of opinion on dates have been included. This information is grouped in Appendix A under the respective serial numbers.

Throughout the discussion in the text there is implicit dependence upon this parallel material in Appendix A, while direct reference to it is made many times. But innumerable references have been obviated by this arrangement, so that the discussion is kept free of them except where absolutely necessary for the development of the conclusions. But for those occasions when a careful study of the basis of the conclusions is desired, the parallel material is available.

The classification arrangement on the plates is noticed to have much in common with that for Megiddo.<sup>4</sup> The TN arrangement in major outline is to be traced to Dr. Fisher, who was organizing his "Pottery Corpus" plates in a similar way during one of the campaigns in Palestine.

---

<sup>2</sup> Another important reason is it is in the interest of greater objectivity. The greater the quantity of accurate records which can be placed in the hands of the reader, the more independent his judgment can be about their significance or our conclusions.

---

<sup>3</sup> The material for Gezer and Jerusalem was not worked through piece by piece. Since the method was to make rather close comparisons, the Gezer drawings placed too much emphasis upon the factor of judgment. At Jerusalem, the stratigraphy was too disturbed to contribute much to this type of study. The earlier material of each site was considered through G. Ernest Wright's *PP*.

<sup>4</sup> *M I*, pls. 1-40.

Fullness of representation has been followed on the grounds that it is better to risk the criticism by some of superfluous examples than to have the comparisons under serious question because of too extensive gaps between types; often it makes little difference whether the comparison made is accepted, or whether that with a neighbor is preferred. It is hoped that the ordering of the types will lessen any inconvenience due to their number. The aim has been to get them in a certain logical sequence of form primarily to facilitate reference.<sup>5</sup> In this sequence, body form gets first consideration, rim, handle, and base shapes being regarded as secondary features. But since rims are very numerous they often serve as the guiding feature for long sections. The scale drawings are mainly 1: 5, and where they vary, accompanying scales mark the deviation. A few objects are 1: 10 and some are 1: 2. Handmade types are placed in special sections, or, are individually mentioned when placed with wheel made objects; the remainder of the types are wheel made. Expense has prohibited the photographic reproduction of all types. However, a selection is offered as well as examples of finish and ware. Photographs of many types are among the illustrations of groups from tombs and cisterns (vol. I). The same source provides cultural and chronological groups. It bears repeating that the line drawings represent a sequential series of types ordered on

principles of form making for easy and accurate reference and are not arranged on basis of evolutionary connections.

It is easy to see that aspects of form received the greatest attention in this study, which is to be expected from the nature of the matter. However, finish and ware were not neglected but were treated as fully as the limitations of the material would allow.

Appendix B is an inventory of the tentative dates of various structural units: rooms, bins, caves, cisterns, and tombs. It will serve to indicate the approximate dates of the objects found in each, but, of course, the possibility of intrusion and mixing must be born in mind.

At the beginning of the introduction it was pointed out that an important aspect of the technique at TN was fullness of records. These have been given careful and individual attention, which should be apparent in the number of types, listing of parallel material from TN (with descriptions of serial numbers) and other sites (Appendix A), and the inventory of structural units (Appendix B). Fullness of records was not only for the purpose of greater accuracy of representation but also for greater objectivity in analysis and interpretation. By making possible an approximation of some of the records here, something of their fullness is placed in your hands to be used as a means of rechecking any conclusions to follow. This would seem to be of some merit in the interests of increasing objectivity. And so it is that this study is a logical continuation of the field methods put into practice at TN.

---

<sup>5</sup> Some overlapping of classes could not be avoided, and some mistakes of grouping have since been noted. These limited examples are considered in the text in proper sequence.



# TABLE OF CONTENTS

## VOLUME II THE POTTERY

### PART I. THE CLASSIFICATION AND CHRONOLOGY OF THE POTTERY TYPES

CHAPTER		PAGE
I	Zirs, Amphorae, Jars - - - - - J. CARSON WAMPLER	3
II	Pitchers, Jugs, Cups, Pots - - - - - J. CARSON WAMPLER	16
III	Cooking Pots, Bowls, Plates - - - - - J. CARSON WAMPLER	29
IV	Chalices, Lamps, Miscellaneous - - - - - J. CARSON WAMPLER	43
V	Hellenistic, Roman, and Byzantine Lamps - - - C. C. McCOWN	56
APPENDIX A	Material for Comparison with Pottery Types J. CARSON WAMPLER	69
APPENDIX B	Inventory of Dated Architectural Structures J. CARSON WAMPLER	120

### PART II. DESCRIPTION OF POTTERY TYPES

CHAPTER		
I	Zirs, Amphorae, Jars - - - - - J. CARSON WAMPLER	129
II	Pitchers, Jugs, Cups, Pots - - - - - J. CARSON WAMPLER	145
III	Cooking Pots, Bowls, Plates - - - - - J. CARSON WAMPLER	159
IV	Chalices, Lamps, Miscellaneous - - - - - J. CARSON WAMPLER	178

Plates 1-90





## LIST OF PLATES

- 1-79. Pottery Types
  - 80. Philistine Fragments
  - 81. Zirs
  - 82. Jars
  - 83. Jars, Cooking Pots, Crater, Bowl, Lamps
  - 84. Miscellaneous Objects
- 85-90. Fragments Indicating Finish



# LIST OF ABBREVIATIONS

## PUBLICATIONS

<i>AAS</i>	Annual of the American Schools of Oriental Research	<i>LAA</i>	Annals of Archaeology and Anthropology, University of Liverpool
<i>AJA</i>	American Journal of Archaeology	<i>M I</i>	R. S. Lamon and G. M. Shipton, Megiddo I, Chicago, 1939
<i>AJSL</i>	American Journal of Semitic Languages and Literatures	<i>MJ</i>	Museum Journal, University of Pennsylvania
<i>APB</i>	W. F. Albright, Archaeology of Palestine and the Bible, New York, 1932, 3d ed., 1935	<i>MMC</i>	F. J. Bliss, A Mound of Many Cities, Leipzig, 1898
<i>APEF</i>	Annual of the Palestine Exploration Fund	<i>MT</i>	P. L. O. Guy and R. M. Engberg, Megiddo Tombs, Chicago, 1938
<i>AS</i>	Elihu Grant and G. E. Wright, 'Ain Shems Excavations, 5 vols., Haverford, 1931-1939	<i>OIC</i>	Oriental Institute Communications
<i>BAS</i>	Bulletin of the American Schools of Oriental Research	<i>OIP</i>	Oriental Institute Publications
<i>BS</i>	Elihu Grant, Beth Shemesh, Haverford, 1929	<i>PEQ</i>	Palestine Exploration Fund Quarterly Statement, Palestine Exploration Quarterly
<i>B-S II, ii</i>	G. M. FitzGerald, The Four Canaanite Temples: The Pottery, Philadelphia, 1930	<i>PP</i>	G. E. Wright, Pottery of Palestine from the Earliest Times to the End of the Early Bronze Age, New Haven, 1937
<i>B-S III</i>	G. M. FitzGerald, Beth-shan Excavations, 1921-1923, Philadelphia, 1931	<i>QDAP</i>	Quarterly of the Department of Antiquities in Palestine
<i>BZ</i>	O. P. Sellers, Citadel of Beth-zur, Philadelphia, 1933	<i>S</i>	G. A. Reisner, C. S. Fisher, D. G. Lyon, Harvard Excavations at Samaria, 2 vols., Cambridge, 1924
<i>CPP</i>	J. G. Duncan, Corpus of Dated Palestinian Pottery, London, 1930	<i>SAOC</i>	Studies in Ancient Oriental Civilization
<i>EP</i>	F. J. Bliss and R. A. S. Macalister, Excavations in Palestine, London, 1902	<i>Syria</i>	Syria (periodical)
<i>Exc</i>	W. F. Badè, Excavations at Tell en-Naşbeh, 1926 and 1927, Berkeley, 1928	<i>TA</i> (i. e. Tell el-'Ajjûl)	W. M. F. Petrie, Ancient Gaza, 4 vols., London, 1931-1934
<i>G</i>	R. A. S. Macalister, The Excavation of Gezer, 1902-1905 and 1907-1909, 3 vols., London, 1912	<i>TF</i> (i. e. Tell el-Fâr'ah)	W. M. F. Petrie, Beth-Pelet, 2 vols., London, 1930, 1932
<i>Gerar</i>	W. M. F. Petrie, Gerar, London, 1928	<i>TH</i>	W. M. F. Petrie, Tell el-Hesÿ, London, 1891
<i>IDHL</i>	H. A. Kjaer, I Det Hellige Land, K�benhavn, 1931	<i>TM I</i>	G. Schumacher and C. Steuernagel, Tell el-Mutesellim, I, Leipzig, 1908
<i>J</i>	E. Sellin and C. Watzinger, Jericho, Leipzig, 1913	<i>TM II</i>	C. Watzinger, Tell el-Mutesellim, II, Leipzig, 1929
<i>JPOS</i>	Journal of the Palestine Oriental Society	<i>Tombs</i>	W. F. Badè, Some Tombs of Tell en-Naşbeh Discovered in 1929, Berkeley, 1931
		<i>ZDPV</i>	Zeitschrift des Deutschen Pal�stina-Vereins

# LIST OF ABBREVIATIONS

## CONVENTIONS

Ca	cave	mm.	millimeter(s)
<i>ca.</i>	<i>circa</i>	med	medium
cent.	century, centuries	NT	New Testament
chap., chaps.	chapter(s)	no., nos.	number(s)
Ci, Cis	cistern(s)	occ.	occasional
cm.	centimeter(s)	OT	Old Testament
comp.	comparative, by comparison	out.	outside
CR, CRs	cave room(s)	pl., pls.	plate(s)
CT, CTs	cave tomb(s)	Pt	Part
D.	diameter	R., Rs.	room(s)
dk	dark	S	serial number
<i>do.</i>	ditto	Si, Sis	silo(s)
dyn.	dynasty, dynasties	str.	stratum, strata
Fortr.	fortress(es)	T., Ts.	tomb(s)
H.	height	TN	Tell en-Naşbeh
imp.	impression(s)	W.	width
ins.	inside	X	debris
L.	length	x	object number
lt	light	Square brackets ([ ]) are frequently used to indicate the numbers of objects on plates.	
M	Museum number		
m.	meter(s)		

X refers to debris above level I; I and II are architectural levels;  
sub-I and sub-II refer to debris below the floors of levels I and II.

# PART I

## THE CLASSIFICATION AND CHRONOLOGY OF THE POTTERY TYPES



## CHAPTER I

# ZÎRS, AMPHORAE, JARS

### 1. Zîrs—Serial Numbers 1-122

§ 1 The Arabic term *zîr* has been applied to a class of large storage jars having a height of 750 mm. or more. Certain examples from the *zîr* and jar series will be found slightly out of keeping with this arbitrary standard. S 95 is somewhat smaller. Some of the jars (S 232-382) are higher than 750 mm. The fragments are included since they offer reasonable evidence of being from larger vessels. The small size of the fragments in a limited number of border-line cases makes definite classification very difficult. There is still greater uncertainty about some fragments, especially those that have characteristics closely analogous to other pottery types. S 96 and 100-105 might be put with craters, 106, 112, 115, 116, and 120 with the jars, and 121 possibly with jugs. These border-line cases must be placed somewhere in order that the shapes excavated and recorded at TN may be completely represented, and with no dogmatic judgment intended, this place seems as logical as any.

§ 2 The TN series of *zîrs* is large, even excluding certain types which differ but little from others. Unfortunately the published material with which they can be compared is limited. This is in part because there is much material still unpublished, in part because these vessels have not received the attention which they deserve; for they offer considerable chronological information.

§ 3. The TN series illustrates four major shapes: <sup>1</sup> (1) the ellipsoid, shown by S 2 of which S 1 is a modification towards the next variety; (2) the inverted-egg, or top shape, S 38 and 56; (3) the cylindrical with rounded ends, S 89 and probably 90; and (4) the canopus with ring base, S 95.

§ 4 (1) The information from TN on the ellipsoidal variety, S 2, although limited, suggests it is

EI, although earlier connections might be found in the somewhat smaller jars of the MB and LB periods. (2) The inverted-egg, or top-shaped, variety, S 38 and 56, is a common jar shape with a long ceramic history. When combined with additional characteristics of ware, finish, and secondary features it takes on more precise chronological meaning. In the case of S 56, the rim shape (to be mentioned more fully later) limit it to a range beginning in MI and extending into LI. (3) The cylindrical form with rounded ends, S 89 and 90, is mainly within the period 700-500 B. C. with some extension on each side.<sup>2</sup> (4) The canopus shape, S 95, is certainly not earlier than 600 B. C. It is probably to be dated between 550 and 450 B. C. A late date is further affirmed by the ware, finish, and secondary features. Therefore, the present indication is that S 95 is a LI form, although fuller information is necessary for a complete history of the type.

§ 5 As to the rims there are two chief groups, (a) the bent-up variety (S 1-54), and (b) the kind which does not interrupt the shoulder contour (S 55-96). In the first group four subgroups, with many intermediate or indeterminate forms, may be distinguished: (1) A simple bent-up and folded-over kind, (2) a "collared" group, (3) a variously modeled kind which supersedes the collared group, and (4) a group with distinctly modeled necks.

§ 6 (1) In all features S 1 and 2 represent two of the earliest types found at TN. The rim of S 1 is a simple bent-up, folded-over variety. Those that follow continuing to S 55 are with a few exceptions of the bent-up type. Among the exceptions are S 44, 45, and 49. Perhaps these would be better placed after S 55. The bent-up type, however, shows considerable modification. The simplest examples such as S 1 and 38 are of little chronological significance, although there is some evidence that the higher one

<sup>1</sup> Myers, Franz Sales, *A Handbook of Ornament*, 3d ed., rev. (London, 1924), pl. 181, p. 304 has been followed in the naming of shapes.

<sup>2</sup> Cf. *AS* V, 144 and *AS* IV, pl. 65: 7.

has an earlier history. On the slight deviations from the simple bent-up type no conclusive information is available. More important varieties of this general category are the collared *zîr* rims, the types said to replace them, and those of such height as to be necks.

§ 7 (2) The best representatives of the collared *zîr* rims are S 16-23 and 26-28. The comparable material on these types covers a large part of the field, and the more significant remainder is to be found in the discussions of the subject.<sup>3</sup> Professor Albright has recently expressed the opinion that this type "is found all over the hill-country proper in the twelfth and early eleventh century, but went out of fashion between ca. 1050 and ca. 1020 B.C."<sup>4</sup> With this general conclusion, the latest 'Ain Shems publication agrees, and points out other typological ramifications. The TN material is not meager. Neither is it clear-cut as to chronology, due to the disturbed condition of the strata. However, more examples than can be conveniently explained by the hypothesis of mixing come from areas later than the first half of EI. This suggests that the chronological limits of the collared *zîr* rim have not yet been definitely established. The Megiddo material might also be interpreted as pointing in this direction.

§ 8 (3) Turning to the types said to supersede the collared variety, let us consider the remarks of Grant and Wright.<sup>5</sup> They suggested a chronological sequence of types, and the listing of the TN types similar to theirs will attempt to preserve this order. First there is S 52 (perhaps 97-99 also belong here) followed closely by 11, 25, 40, 50 and 51. And some other types (not discussed) among the first thirty-two shapes and a few following S 38 might well be included here. The TN material corroborates the sequence but does not confirm the chronological spread. Naturally the uncertainty of the TN stratification is a factor, but there is again the difficulty of explaining away so many examples as being intrusive. And, as in the case of the collared *zîr* rim, a later lower limit seems suggested. The remainder of this 'Ain Shems series will be considered after the discussion of the types with very high rims or necks.

§ 9 (4) The last group of the bent-up type of rim includes five high ones (S 33-37), four of which might be termed as necks. These are further distinguished by having handles attached to the necks and shoulders (conjectured in two cases). The evidence again shows some mixing, but the major share of it points to these types as belonging mainly to the period ca. 700-500 B.C. with some extension on each side.

§ 10 The rims of the second main class (S 55-96) show variations of modeling but in the main continue the shoulder contour and do not interrupt it sharply as do the bent-up varieties. With some of these the remainder of the 'Ain Shems shapes mentioned above were compared. Some of the TN evidence for certain of these types has been assigned to the earlier half of MI, as also a part of the 'Ain Shems evidence, but the great majority of it begins in the latter half and continues into LI. So at TN the period when *zîr*s with rims which continued the shoulder contour were numerous and characteristic was ca. 750-450 B.C. The approximate lower limit is given by S 95, but the actual chronological spread of this group is dependent upon further excavation.<sup>6</sup>

§ 11 The handles offer a few suggestions. Those on the cylindrical *zîr*s are definitely smaller in proportion to the size of the vessels. (Note S 89, 90, and possibly 71 and 111.) Those of S 90 and 111 are also rather wide and flat. The earlier *zîr*s, S 1, 2, 38, and possibly 56, seem to have them larger and more oval in section. In the later *zîr*s, S 95, they are larger again but with a section closer to the wide, flat type and placed high on the shoulder. However, on the basis of information available, these points are to be regarded as merely suggestive. Of the remaining handles, there is little to say. S 112 seems to belong to one of the larger jars of a late period. S 113 is possibly LI, but this is not certain. S 114 is from a Roman-Byzantine vessel.

§ 12 The bases not illustrated in the main series are shown by S 115-122. The first two are well-known LB and EI types, possibly extending slightly beyond the limits of EI. Perhaps S 117 should also be included within this general range. The remainder are just minor deviations from common shapes, except for

<sup>3</sup> *AAS* 12, p. 59; *AS* V, 129, 143 f.; *BAS* 56, p. 12 f. and 62, p. 28.

<sup>4</sup> *AJA* 44 (1940), 548.

<sup>5</sup> *AS* V, 129, 143 f.

<sup>6</sup> A few rims were not included anywhere in the discussion. The information on these did not warrant any conclusions.



S 122, which is similar to the base of S 95 in being a ring base. These seem to furnish the only evidence bearing on ring bases for zîrs, and the implication is that they do not begin before 600 B.C. It can be said with considerable confidence that they belong to a LI type.

§ 13 The finish of the zîrs was almost entirely wet smoothing, with the quality of the smoothing for the late period generally superior to that for the early. Exceptions are S 35 which has a band of incisions around the neck; 96 (possibly a crater), with triangular impressions on shoulder; and 95, closely burnished over almost the entire surface.

§ 14 The ware also shows a progressive improvement in technique. The EI vessels are less well levigated and not so well fired. Large limestone grits are numerous. As the technique improves, better levigated and fired wares result, and large limestone grits are less numerous. Many of the MI-LI zîrs are not only of good texture but also quite hard. And when S 95 is examined, it is found to be a very good piece of ware indeed.

§ 15 The technique on these zîrs has usually been given as wheel made. It would be more accurate to say that a combination of hand and wheel techniques was used, as a large portion of the body of some of the examples was built up by hand technique.

## 2. Handmade Jars—Serial Numbers 123-186

§ 16 This class includes handmade vessels which do not fit any other well-marked category such as bowls, cups, etc. Ledge handles, basket handles of single and multiple strands, false-spout or "pillar-handles" are represented. Also, a number of types lack handles. But vessels with loop and ear handles have been grouped together in the class which follows, being called handmade amphorae-ampullae. So S 182-183 properly should have been included with this later group.

§ 17 In the study of these and other handmade vessels, careful attention was given to the work of G. Ernest Wright (*PP*), as will be noticed from the frequent citations. The chronology and division of periods used by him have been followed. Unfortu-

nately the TN material has little to offer concerning the dating and subdividing of these periods. However, the combinations of pottery types in the groups add further information to the histories of individual shapes.<sup>7</sup> Much of this can be read as corroborating. But some expansion of previous determinations is indicated by the TN combinations, especially when compared with source material from other sites.<sup>8</sup> These will be noted in the discussions of handmade vessels which follow.

§ 18 Among those meriting reconsideration are S 123-124. These have "roll-rims" and "pinch-lapped" ledge handles. The former is said to begin in the first half of the fourth millennium and to continue through EB i, while the latter began at least in early EB ii.<sup>9</sup> The material used to arrive at these conclusions does not preclude an earlier date for the "pinch-lapped" handles as was admitted by Wright.<sup>10</sup> Besides, granting the dating conclusions for these features, their combination in the same vessel indicates an extension of the history of one or both. New information includes an example from Megiddo dated ca. 3300-3000 B.C.<sup>11</sup> and two TN examples which are from groups of about the same period. That is they are made up largely of objects common to, or characteristic of, EB ia and slightly earlier according to Wright's analysis.<sup>12</sup> So an earlier beginning for the "pinch-lapped" ledge handle is called for, and it is hardly later than EB ia.

§ 19 S 125, also 126-129, appear to be examples of the jar type with the high, flaring rims, which sometimes have indication of separate molding, and which have beginnings as early as EB ib.<sup>13</sup> There is the possibility of an earlier appearance, since some come from CTs 5 and 6. The handles are suitable to an earlier period, as is also the spout of S 126. Then S 127-129 and 130 have false spouts or "pillar-

<sup>7</sup> See TN early tomb and cave groups.

<sup>8</sup> Some of this material has been published since Wright's study. References to it as well as to some of the source material available to Wright can be found in Appendix A, "Parallel Material from Other Sites," under the appropriate serial numbers.

<sup>9</sup> *PP*, 60, 74, 77, 93 f. See Beisân under S 123 for a possible EB iii example.

<sup>10</sup> See parallel material and notes on S 123-124 for references.

<sup>11</sup> See parallel material.

<sup>12</sup> TN Cave-tomb 5 (structurally connected with CT 6) is largely EB i while T. 67 is mainly EB i with some later elements.

<sup>13</sup> *PP*, 60, 101.

handles," which are mainly from EB i.<sup>14</sup> The latter two are painted, a characteristic feature of EB ia, especially in the south of Palestine.<sup>15</sup> Then, jars with such rims could be as early as EB ia at TN, and there is comparative material for some of the types to support this possibility.

§ 20 S 131-144 are small jars with ledge handles. Some are painted. Several are of crude shapes which probably have no dating significance. But the general type represented by this group has been considered a well-established type of EB i.<sup>16</sup> The information from TN and comparative sources included in this study confirms this as the common phase. At present, there is little indication that additional history of this species is anything but later.

§ 21 S 145-148 have "basket-handles" of single or multiple strands. The latter are regarded as characteristic of EB i as are also the spouts of S 145-146.<sup>17</sup> Moreover, the "bucket" form is suggested as a type of EB i<sup>18</sup> but is not included among the illustrations. Perhaps vessels of such combinations of features should be put forward more strongly as types having a common phase in EB i since the additional evidence from TN is suitable to this period. Possibly the "basket-handle" is the most important of the secondary characteristics.

§ 22 S 149-162 with the exception of 161 have the roll rims which are said to begin in the first half of the fourth millennium, to continue into EB ii, and to be especially popular in the south.<sup>19</sup> Among these are examples of scalloping, rope molding, and incised design. The TN evidence seems to be within the periods suggested for these qualities.<sup>20</sup> Almost all of the TN examples are EB i and some could be earlier. Most of the examples having scalloping and rope molding (also some among the "hole-mouth" types to follow) come from a locus which could be dated on comparative grounds as partly Chalcolithic. Although TN has very limited information to offer on the roll-rim jar subject, some of it could be inter-

preted as being later than the lower limit mentioned above.

§ 23 Jars frequently called "hole-mouth" are represented by S 163-174. The first three with the molding are from the locus which is Chalcolithic-EB i. But in general TN has little to offer towards clarifying the histories of "hole-mouth" jars, which, as a class, begin in the Chalcolithic and continue through EB into MB.<sup>21</sup> Most of the TN examples are from EB i and ii with some possibly earlier. S 175 seems to be of a general type found throughout EB. Possibly it has a slightly earlier beginning. S 176 comes from an EB i locus and 177 from EB i and ii loci.

§ 24 Among the ledge handles already mentioned have been "pinched-lapped," plain of various kinds, some with shallow indentations, and others with one or more indentations irregularly and widely spaced. S 178 might be an oblique wavy type, 179-180 are varieties of thumb-indented, and 181 is pushed-up. The information on these at TN seems consistent with Wright's conclusions,<sup>22</sup> except that the "pinch-lapped" could have an earlier beginning as was discussed in connection with S 123-124.

§ 25 S 182-183 belong with the handmade amphorae-ampullae series and are EB. S 184-186 are additional base shapes. The first is uncertain. Possibly S 185 comes from a pithos type, which is common to the later phases of EB. Could S 186 be part of a flaring cup belonging to EB iii?

§ 26 Various secondary features such as ledge handles, basket handles, multiple-strand handles, pillar handles, and spouts have been mentioned in connection with the appropriate types. Their chronological importance was mentioned then.

Some of the types had painted decoration which was not indicated in the drawings but which was mentioned in the descriptions. The descriptions note the use of a slip. Red was most common. And it is entirely likely that much other use of slip has been obliterated by weathering. The same is likewise possible for painted decoration. Various forms of impressed and modeled decoration were used during

<sup>14</sup> *PP*, 100. Few examples have been published.

<sup>15</sup> *PP*, 60, 61, 66, 100.

<sup>16</sup> *PP*, 65.

<sup>17</sup> *PP*, 60, 99.

<sup>18</sup> *PP*, 65, 84, note 46.

<sup>19</sup> *PP*, 60.

<sup>20</sup> *PP*, 61, 81, 101.

<sup>21</sup> *PP*, 59, 66, 100, 101; *AAS* 12 (1930), 5; *AS* V, 94; *LAA* 23 (1936), 86, 96, 100; *TH*, 42.

<sup>22</sup> *PP*, 93 f.

the period of the above vessels, and they have been noted above or in the descriptions.

The ware is the characteristic EB fabric. It is fairly coarse, especially in the larger vessels. Both in varying color and hardness it reflects the irregular firing techniques of early times.

### 3. Handmade Amphorae-Ampullae—Serial Numbers 187-225

§ 27 This class includes handmade vessels with two loop (horizontal or vertical) or ear handles. Most of them belong to what have been called ear-handled juglets of both wide- and narrow-mouth types, which began in EB i and continued into EB iii.<sup>23</sup> In this study they have been set apart for typological reasons, although the chronological distinctions are not clear.

§ 28 S 187-200 make a group, some of which seem to fit several of Wright's categories, namely wide-mouthed, ear-handled juglets or small jugs with lug handles.<sup>24</sup> Since both of these categories are considered to begin in EB i there is no disharmony chronologically speaking; for all of the TN types come from groups dated mainly to EB i, and much of the parallel material is from the same period or somewhat later. However, some are close to the variety (D-VIc) said to appear in EB iii and continue with modifications into MB i.<sup>25</sup> Possibly D-VIc has an earlier history. The TN examples also have handles molded out of additional pieces of clay, and none of the EB i pieces showed any certain indication that the handle had been pinched from the side of the vessel.<sup>26</sup>

§ 29 S 201 is a shape which seems to have closest affinities to material of EB iv-MB i. S 202-203 are larger vessels than usual of the narrow-mouth variety. The information on these ranges *ca.* 3000-2700 B. C.

S 204-218 make up the ampullae with the vertical ear handles. The TN material seems to be in harmony with the general conclusion that such vessels appear in EB i and continue into EB iii.<sup>27</sup> The earliest,

S 204-206, are from loci which are structurally connected, so probably form a group which can be dated in EB i with emphasis on EB ia. It is to be noted that several painted designs are represented in this series, which might indicate that both EB ia and b periods are represented, or that the cross-hatched variety might be earlier than similar examples at Jericho.<sup>28</sup> If the latter is true, S 206 would be earlier than EB ib. For the remainder, S 207-218, the common phase is seen to be EB ii, although earlier and later appearances are noted. Furthermore, many of the TN types had varieties of red slip which was often burnished. So in this difference in surface treatment we have another means of distinguishing the chronological relationships of the ampullae types.

§ 30 S 219-221 are ampullae with horizontal ear handles. These and the general body shape have suggested to Dr. McCown the possibility of some connection with the pyx form of LB and EI. Information on them is limited. They come from EB i and ii loci.

§ 31 The remaining four types in the amphorae-ampullae class, S 222-225, are of limited occurrence. The first three are from EB i loci at TN. Much the same period is indicated for S 225 on the basis of TN and parallel material. These last four types have loop handles, as do S 194, 199, and 203. A number of others have neither pierced ear handles nor loop handles strictly speaking. The handles appear to have been made by modeling a strand of clay over a rounded cylinder laid against the vessel wall, one end of the cylindrical object being pulled through after the ends of the clay strand had been fastened. The result is a handle which has some of the characteristics of the loop and some of the pierced ear. S 188-193, 195-197 have such handles.

§ 32 Some of the vessels have painted decoration, a technique characteristic of EB i and especially EB ia in the south.<sup>29</sup> Use of varieties of red slip has been noticed. Usually it was burnished. Other vessels which lacked slip were closely burnished. One fragment shows impressed design. Others are too weathered to give an accurate idea of the original

<sup>23</sup> *PP*, 60, 98 f.

<sup>24</sup> *PP*, 60, 65.

<sup>25</sup> *PP*, 98.

<sup>26</sup> *PP*, 99.

<sup>27</sup> *PP*, 60 f., 65, 66, 98.

<sup>28</sup> *PP*, 60 f. See also *LAA* 23 (1936), 94 f. Wright's date is EB ib or the beginning of EB ii.

<sup>29</sup> *PP*, 60, 61, 66, 100.

condition, but wet smoothing probably sufficed for some.

The ware is the rather coarse irregularly fired fabric of EB in various shades of red and buff brown. Some of the smaller vessels seem to exhibit more careful levigating, but this may be an illusion.

#### 4. Amphorae-Ampullae—Serial Numbers 226-231

§ 33 This series includes a few two-handled vessels that did not fit in well elsewhere and the small juglet-like vessels with two handles which are classed as ampullae. Information on them is limited.

§ 34 S 226 comes from a MI locus. S 227 comes from a MI locus, but parallel material suggests a longer range. The limited information on S 228 falls about MI-LI, which appears suitable for S 229. S 230 comes from a cistern group dated *ca.* 700-586 B. C. S 231 is a type which Albright concluded has a range that begins in the 10th cent. and continues into the 6th cent. B. C.<sup>30</sup> A few additional examples from 'Athlīt and TN can now be included. These fall within the major range suggested but towards the latter part. Another TN fragment (S 877), which possibly belongs with the ampullae, was placed with the juglets. It comes from Ci 370 dated *ca.* 700-586 B. C. Whether vessels such as S 231 take the place of the Cypriote juglets in MI, as suggested by Albright, is a question further complicated by additional information on the juglets. Perhaps it will resolve into the former having a later common phase than the latter, an implication that is to be noted in Albright's comments. Both are certainly not local TN fabrics.

#### 5. Jars—Serial Numbers 232-382

§ 35 This class includes vessels that, for the most part, are between *ca.* 300 and 750 mm. high. All are wheel made. Most of the evidence indicates they are two-handled jars, although one-handled and four-handled types are recorded. The handle attachments are mainly at the shoulder. This class is here distinguished from other classes which have not always

been separated; namely, handmade jars, handmade amphorae, amphorae, cylindrical jars, conical jars, small jars, and three-handled jars. A comparison with these will make the distinctions clearer than can be done by an attempt to define jars. But even so it is difficult to draw a sharp division between all these classes because of certain border-line cases. Again this was partly due to the fragmentary condition of some of the evidence. It was a question whether S 340-350 should not go under craters; and S 322-327 offered a similar problem. The grouping within the series is based primarily on rim shapes, which form a major share of the evidence. The body shapes are more numerous and complex than for *zîrs* and so not always easily named. Consequently they will be discussed more or less individually and approximately in serial order.

§ 36 S 232 has some resemblance to MB and LB jars, and parallels were noted, although most of them with some reservation. The closest similarity is probably the rim. The body of the early jars is generally more graceful and not so bulbous at the shoulder. However, it is not entirely safe to rely on body shape to distinguish between these periods. The earlier forms are not so large, and the ware is different. A consideration of all factors is probably necessary to distinguish in a high percentage of cases between the earlier and later vessels. Here we are dealing with a late vessel. The similar rim fragments from TN were not especially numerous, comparable handle forms being much more so. The evidence from TN<sup>31</sup> indicates that the late jars of this general type and rim shape began in the 7th cent. B. C. and became common in the LI period. Full information on the history of this type is not yet available.

§ 37 S 233 has a rim similar to 232, but the shoulder line suggests a bag-shaped body, which will be considered later. A number of rim and handle fragments similar to S 233 were recorded, and in this case the typing of the handles was more certain than is usual. So a large share of the evidence for S 233 is to be interpreted in much the same way as that for 232; it seems most likely that the history of 233 begins in the 7th cent. B. C., that it later becomes com-

<sup>30</sup> *AAS* 12 (1932), 84 f. Aside from TBM examples his material was drawn mostly from *CPP* 71 and 72. Possibly 69P could be added.

<sup>31</sup> See *BAS* 82 and note that Cis 370 and 361 had rims of this general type. Much other information supports the conclusion drawn.

mon, and that it has a final phase not yet well known. And types S 234-236 are of substantially the same period.

§ 38 There is little evidence against identifying S 237 with jars of LB II and EI;<sup>32</sup> the 'Ain Shems jars of later date are of questionable locus. Both the body shape and base form are similar, as are handle shape and size. TN evidence probably falls within 1100-900 B. C. or slightly later. S 238 is of about the same size, and was found in association with the more pointed vessel. Likely it is of the same period.

§ 39 The most significant thing about S 239 is its bag-shaped body. Occasional vessels of earlier periods have had such body shapes, but two-handled jars of bag-shaped body apparently do not become common until about the 7th cent. B. C. A long history follows. However, jars suggestive of this form were found in earlier as well as contemporary periods. The distinctively bag-shaped jar is illustrated by S 239, 352, 356, 360, and probably 233 and 256. The earliest of these does not appear before the 7th cent. B. C. and more likely towards the latter part of it. Thereafter this general shape has survived through many centuries down to modern times.<sup>33</sup> Consideration of secondary features, finish, and ware help to determine the period to which an individual vessel might belong. The chronology of the individual types as known at the time of this writing is indicated following the description opposite the plate.

§ 40 Another distinctive shape is S 240, a canopus with rounded base. The TN example cannot be earlier than *ca.* 500 B. C. A similar Beth-zur jar has been dated by a coin to the 5th cent.<sup>34</sup> Fragments of rims from TN and elsewhere do not help with the dating as the rim shape is not distinctive. The ribbed handle is of aid. But the combination of these aspects with the body shape and the good quality of ware and finish strongly suggest that this is a LI type which extends into later periods. More information will be necessary to give its history with accuracy.

§ 41 In S 262 we have a type which has affinities with several varieties, but the type of handle makes

its history clearer. Our present information indicates that this is another type which began in the 7th cent. B. C. and extended at least well into the 5th cent.

§ 42 S 281 has considerable similarity to jars described as common all over Palestine during MI.<sup>35</sup> The base should be noted as well as the handle with incipient ribbing. The TN material suggests the early part of MI or slightly earlier for S 281. Its first appearance would fall within the 10th and 9th cent. B. C. As to the information on other plain rims such as S 282-284, the information from TN is not sufficiently common and clear to parallel the conclusions from 'Ain Shems.<sup>36</sup> At TN the evidence indicates the higher and lower rims are contemporary for a considerable period with a distinct tendency towards the lower variety in late MI and LI. The common LI jars at 'Athlîl<sup>37</sup> and Tell Abū Hawam<sup>38</sup> are especially offered in support of this observation. Then, if it is noted that jars with high rims or even necks of more or less plainness are quite common in LB and EI,<sup>39</sup> the possibility is suggested that high rims gradually gave way to lower and lower rims, until the very low rim jars were the common varieties of the LI, although it is not necessary to suppose that one type entirely superseded another during any part of this period. It is mainly a matter of more or less.

§ 43 Shapes S 291, 292, 295, and 303, with 262 a close relative, were only found complete in cisterns at TN, and these cisterns are dated between 750 and 586 B. C. The fragments indicate an earlier and later history. Parallel material makes it possible to trace connections back through MI, EI and LB. Megiddo furnished the most useful parallel material.<sup>40</sup> A long history is indicated for this class and its variants, and more information is necessary for closer dating.

§ 44 There is little parallel material, and that not satisfactory, to associate with S 311-313. They are elongated, yet do not seem closely related to the Megiddo "sausage" jars.<sup>41</sup> They show some slight

<sup>32</sup> Note also *MT*, 159.

<sup>33</sup> Sir Flinders Petrie has illustrated the late history of the form. *Gerar*, 19, pl. 42: 13, 14, 15.

<sup>34</sup> *BZ*, 41, fig. 5, also pp. 15, 20 and pl. 12: 10, 11.

<sup>35</sup> *AAS* 12, pp. 79 f.

<sup>36</sup> *AS* V, 129, 134 f.

<sup>37</sup> *QDAP* 2 (1932), 50, fig. 3.

<sup>38</sup> *QDAP* 3 (1933), 78, pl. 23: 14.

<sup>39</sup> *QDAP* 3 (1933), 22; 4 (1934), 13, fig. 16; *MT*, pls. 13, 18, 30, 70, 72; *SAOC* 17, str. VII chart.

<sup>40</sup> See especially *MT*, 155 and *M* I, 166 f., 168, the closest parallels being jars S 120 and 121.

<sup>41</sup> *M* I, 167.

tendency towards the bag-shaped jars already mentioned. Their date makes such connection plausible; for on the basis of present information it cannot be said with any confidence that these jars were earlier than the late 7th cent. B. C. These same limited sources of information indicate their main period to be in the 6th and 5th cent.

§ 45 In passing to the next whole shape, consider briefly the fragments S 322-328, which seem to be from crater-like jars. Some vessels not too far removed in shape from these have been included among the craters. The closest parallels have come from 'Ain Shems and Bālū'ah, the former providing the only complete shapes. However, other examples of this general type also of late MI come from 'Ain Shems.<sup>42</sup> The above and related types at TN make another group which begins in the 7th cent. B. C. and continues into the 5th cent. and possibly beyond. Although some of the Bālū'ah material has been interpreted as being EI, this rim shape is certainly more common in later periods and as such should warn against earlier dating, especially of fragmentary material. Nevertheless crater-like vessels with rims somewhat like the Bālū'ah rims were found at Megiddo,<sup>43</sup> and these have an earlier history than late MI.

§ 46 S 351 has been considered to be a type mainly of the 5th and 4th cent. B. C.<sup>44</sup> No new information has appeared to alter this conclusion.

§ 47 S 352 and 360 are of the bag-shaped class previously mentioned. These ribbed jars have a dating point as early as the 2d cent. B. C.<sup>45</sup> How much earlier they are is a question, but other sources indicate that these and related forms have a considerably longer history.<sup>46</sup> The TN material is in agreement with these general implications. Rim fragment S 296 is from a jar similar to 352, and S 375 and 376 probably come from vessels closely related. S 353 is a body shape which has a considerable history.

§ 48 Vessels S 354 and 359 belong to a class called "hippo" jars at Megiddo.<sup>47</sup> The conclusion was that

these have a MI distribution over the north of Palestine at least. Some parallel material listed under S 354 has been dated EI. And some of the TN evidence is 6th and 5th cent. B. C. So S 354 is a type with a long history. S 359 with its different handle has a shorter history. It does not appear necessary to read any of the parallel evidence as earlier than the 7th cent. B. C. Such is also true of the TN examples. The lower limit for a jar of this type with the wide, ribbon handle with upturned edges seems at present to be about 500 B. C. or slightly later. Then S 359 is another type which marks the period about 700-500 B. C.

§ 49 Most of the material from TN and elsewhere to be compared with S 355 consists of handle fragments. These are in themselves inconclusive. The information on the canopus shape (see also S 240) with rounded bottom is listed, but what there is is little if any earlier than 600 B. C. The lower limits of its history are uncertain, but it seems clear that we have in it a late type. S 357 is especially noteworthy because it is the most complete example of a jar with *lemelekh* seal impressions on the handles. See description and discussion below<sup>48</sup> for further details. The outline with restoration shows it as of pointed base. The date for the jar is given by the seal impressions which have been dated *ca.* 700-586 B. C.

§ 50 The only body shape remaining to discuss is S 358. Information on this variety is as yet too limited to be conclusive. Megiddo vessels somewhat similar<sup>49</sup> and of an earlier period do not seem quite the same. Perhaps S 358 represents a LI and Hellen. variety of elongated jar.

§ 51 Some rim shapes not included in the previous discussion will now be mentioned. S 298 is quite similar to a type said to return in LI and continue into the Hellen. period.<sup>50</sup> The ware agrees with this late determination. Possibly S 297 belongs to this same period. A more important group begins with S 329 and includes up to 336 and probably a few scattered types. These represent the low rim jars which are found earlier but are numerous and com-

<sup>42</sup> AS IV, pl. 65: 14, 15, 17.

<sup>43</sup> M I, pls. 17: 84; 18: 93; 28: 88.

<sup>44</sup> BAS 82 (1941), 39 f.

<sup>45</sup> AS V, 146.

<sup>46</sup> See especially *Gerar*, 19, 21, pls. 42: 13; 56: 48h.

<sup>47</sup> M I, 166 f.

<sup>48</sup> Pt II, chap. I, and pl. 22.

<sup>49</sup> M I, 168, pl. 21: 122 especially.

<sup>50</sup> AAS 12, p. 51, pl. 21: 43.



mon in the LI period,<sup>51</sup> especially the type of which S 331 is a fragment. Types similar to this were common at 'Athlīt and Tell Abū Hawam. It is to be noted that these low rim jars were not especially numerous at TN. There still remain a number of types represented by rim fragments which have not been treated. These might be deviations from types discussed or examples on which there is little material. Some further information on individual items might be found in connection with the descriptions of the illustrations, if it is possible to supply it.

§ 52 Some additional handles are illustrated by S 361-376. In the main these have been included to complete the record. However, some are suggestive, and probably would be of more value, if more attention had been given to representation of handle cross sections in the publications. S 365, 366 and 373 show signs of beginnings in the 7th cent. B. C., although there is little reason to suppose that this was earlier than the very end of the century. At any rate these handles are more common in the 6th and 5th cent. The wide, ribbon handle with upturned sides has already been mentioned in connection with S 262 and 359. Information on this type of handle is limited but it offers possibilities of becoming an important criterion for the 700-500 B. C. period. Nothing much was noted at TN respecting the careless attachment of handles, a characteristic of sufficient commonness in LI and Hellen. periods to be mentioned elsewhere.<sup>52</sup> TN has some additional information to offer on the question of ribbed handles, which has been frequently discussed before.<sup>53</sup> The weight of information is rather accurately indicated by the cisterns groups already published.<sup>54</sup> These show well developed single-rib handles to be not uncommon in the 7th cent. B. C. or late pre-exilic period. But can any distinctly marked two-ridge handles be found in postexilic material? Several possibilities can be advanced, but the present state of information is indecisive.<sup>55</sup> This condition warns against sharp distinc-

tions of period on the basis of handle ribbing, although types of ribbing are undoubtedly important dating criteria when considered in connection with frequency of appearance and other characteristics of dating significance. Another observation about handles remains, but it is not one easy to demonstrate by use of drawings, since the differences are slight. Such handles appear earlier, but by the LI period a type of handle is common which is between the smooth oval and flat ribbon sections. Also the opening is proportionately larger.<sup>56</sup> It is both neater in appearance and more functional. Similar characteristics are to be observed among zīrs.

§ 53 Additional base types are S 377-382. From fragments of this size it is difficult to be certain, but some of these are not closely related to the types referred to as small, flat and knobbed.<sup>57</sup> It is probably worth while to point out that S 381 is a variety of base found on some small vessels of the LI period, not all being of the jar class.

§ 54 Finish is almost entirely wet smoothed. A few jars had painted lines, S 302 being one. Ribbing is illustrated by S 352, 360, 375, 376, and possibly 280. The drawings are intended to be suggestive rather than accurate representations of the kind of ribbing. Impressed design shown on S 347-349 is a technique known to be common in the LI. A fuller treatment will be made in the discussion of craters.

§ 55 Some technical development of ware is to be noted. Many vessels of the latter part of MI were well if not hard fired. The levigating, too, was good. And improvements along both lines continued. S 311-313, 355, and 356 are late examples which were hard fired but not too well levigated. Such types as are represented by S 233, 239, 240, and 351 were usually well levigated and well fired. Improvement in levigating was the most pronounced line of development. However, this process, beginning in the MI, if not earlier, is to be regarded as gradual and also not consistently applied.

## 6. Cylindrical jars—Serial Numbers 383-437

§ 56 Such jars are roughly cylindrical in fundamental body shape, with rounded bases, and with the

<sup>51</sup> *QDAP* 2 (1932), 50 and 3 (1933), 78; *TF* I, 14 and pl. 44: 2; *AAS* 12, p. 79 f.; *EP*, 102.

<sup>52</sup> *QDAP* 4 (1934), 7; *EP*, 126.

<sup>53</sup> *AAS* 4, pp. 14, 23, 24, and 12, p. 80; *BAS* 43 (1931), 10.

<sup>54</sup> *BAS* 82 (1941), 25-43.

<sup>55</sup> The best candidate for a two-ridge postexilic handle is M 1699; several other likely examples are also handle fragments with late seal impressions. Is the following Beth-zur example another possibility? *BZ*, fig. 10 and pl. 12: 10.

<sup>56</sup> Examples are S 313 and 356.

<sup>57</sup> *AAS* 13 (1931), 76, 89; *AS* V, 122, 135; *QDAP* 4 (1934), 13.

edges of the vessel wall at the open end of the cylinder modeled into rim shapes; thus the mouth of the vessel is approximately the whole diameter of the jar. They are variously known in archaeological parlance as "hole-mouth" and "whole-mouth" jars. Since the former term, especially, has been applied to several other varieties of jars, it has been confusing. Hence, the use of the term cylindrical in this work is reserved for the vessels just described.<sup>58</sup> Perhaps some of the confusion is due to an early attribution of close relationship between the simple, handleless vessels of handmade technique (frequently called "hole-mouth") and the later wheel-made forms.<sup>59</sup> Perhaps relationship is to be traced, but the former is simpler and usually has a more bulbous body, while the latter has rims of considerable variety, body shapes that deviate little from the cylindrical, and are always wheel made. Therefore a separate grouping is useful.

§ 57 Two other early vessels not far removed from the TN cylindrical group come from str. E (MB ii) of TBM.<sup>60</sup> One is somewhat smaller, and each has a concave disk base, unlike the usual MI cylindrical jar which has a rounded base. However, the TBM jars have rims which are close to those of a more bulbous variety found at Megiddo that are offered as possible predecessors of the entire "hole-mouth" (cylindrical) group.<sup>61</sup> Representatives of this group have been found as early as the 10th cent. B. C. and as late as the 5th cent.<sup>62</sup> 'Ain Shems has some earlier material, but the common phase for cylindrical jars is str. IIc.<sup>63</sup> The period when this type appears common at Beth-zur is further narrowed, and the last century of the pre-exilic age is indicated.<sup>64</sup> These jars are also most common at TN during the last century of the pre-exilic period. They appear earlier but are not numerous.<sup>65</sup> Representation in the 6th cent., however, is numerous but not so heavy as for

the 7th cent. And as the 5th cent. advances the type becomes increasingly uncommon until it is a rarity.<sup>66</sup>

§ 58 On considering the individual shapes and their groupings, it is disappointing that they offer little in the way of more precise dating information in spite of being a rich series. S 383-392 have ribbed rims. It has been suggested that these represent early examples of cylindrical jars. But the parallel and TN material show that they have a long history rather than just an early history. It also seems likely that a long history belongs to such as S 403, 406-408. Several varieties have not yet been recorded before the 7th cent. or at least only shortly before. Among these are S 396-399. Almost all the evidence favors a similar determination for the vessels with a constricted body, S 393 and 431.<sup>67</sup> Another type that possibly belongs in this later period is that which has a flat rim with a pronounced flange on the outside. The best examples are S 409 and 410.

§ 59 Wet smoothing of the outer surface was the usual type of finish for cylindrical jars. In general the ware was quite good, being well fired and levigated, and of sufficient thickness to make a strong vessel. Such qualities made for a serviceable, practical utensil.

§ 60 References and evidence have already been cited that cylindrical jars have a history beginning in the 10th cent. B. C. and ending before the 4th cent. A consideration of the sources will show that these vessels were common during the 7th cent., or slightly earlier, and the TN evidence indicates they were of frequent occurrence during the 6th cent., but, as it advanced, they became less common and are a rarity by the end of the 5th cent. Then the general dating implication of a period between *ca.* 700 and 500 B. C. seems in order for a group which has cylindrical jars as the most common of all pottery forms. It is to be

<sup>58</sup> Three fragments at the end of the series are border line examples which are also close to some in the crater group.

<sup>59</sup> *EP*, p. 83, pls. 23, 24, 25, 51.

<sup>60</sup> *AAS* 13, pl. 10: 1, 4 and p. 79 for discussion and parallel material.

<sup>61</sup> *MI*, pl. 20: 117, 118, p. 166 § 40.

<sup>62</sup> *AAS* 12, p. 79; *MI*, 166 § 40.

<sup>63</sup> *AS* V, 143.

<sup>64</sup> *BAS* 43 (1931), 8.

<sup>65</sup> Certainly TN has no types closely related to a variety said by Albright to be an early form which disappeared before the 8th cent. B. C., *AJA* 36 (1932), 297, fig. 2: 5.

<sup>66</sup> Some of the best dated evidence for this conclusion comes from the cisterns published in *BAS* 82 (1941), 25-43. Other cistern and house groups of a homogeneous nature supported these implications. However, it must be admitted that Ci 304 seems to offer about the same amount of evidence as the later Ci 361. But Ci 304 has a smaller and less homogeneous group than Ci 361, so it probably is not so representative of its general period. That cistern groups show marked evidence in some cases of being selective rather than representative we must admit and make allowance for in drawing conclusions.

<sup>67</sup> The 'Ain Shems example assigned to level III is too vaguely marked to carry much weight.



expected that more attention to this class will result in the series breaking up into groups having further chronological significance.

#### 7. Conical jars—Serial Numbers 438-467

§61 Conical jars are small vessels, with or without handles, which have conical bases. Those with handles have been referred to in publications as small amphoras and amphorisci.<sup>68</sup> That they are included here under conical jars is an arbitrary decision, and amphorae was used for another group. Among the types without handles are several small examples which are close to the TN bottle category. However, the inability to make absolutely clear distinctions between classes need detract but little from the general value of such procedure.

§62 Six examples are illustrated which have handles, S 438-443. Both pointed and knob bases are represented in this series. The same is true of material at 'Ain Shems for about the same chronological spread.<sup>69</sup> Such being the case, the importance given to the knob base feature in the discussions alluded to above seems somewhat misleading. One might ask what is the prototype of the variety with pointed base which is so similar in every other respect? Perhaps we should look to an earlier example which might have been a common ancestor. Then consider an example found at 'Ain Shems, a type incidentally which seems very close to the LB specimen from TBM.<sup>70</sup> But to find the line of development for this group is not the purpose of these remarks. It is rather to avoid neglecting the chronological significance of the pointed base type by too close attention to those having knob bases.

§63 Returning to the TN series, we find on referring to the appendix a considerable amount of parallel material which is in substantial agreement with the TN records.<sup>71</sup> The main period is found to be *ca.* 1000-600 B. C. with some possible extension into the 11th and 6th cent.<sup>72</sup> S 443 was the only one which

had an indicated history limited to the latter part of this period. However, the information on it is too limited to be more than suggestive.

§64 Wet smoothing was the only finish observed on some of the TN examples, but slip, burnishing (various), and painted lines were recorded, as can be seen in the descriptions. Some of the ware was rather soft. Levigating was inconsistent. Frequent colors were red and orange variations of light brown. The combination of these factors raises doubt about accepting these as local fabrics.

§65 Now for the conical jars without handles. S 444-462 are varieties that had some representation in the late pre-exilic period but did not become common until later. That they are types of frequent occurrence in the 6th cent. B. C., the present information warrants, although it does not indicate a complete history. However, they are probably LI and Hellen. types.

§66 The bases of S 447 and 452 are seen to be a variation of the knob variety which apparently carries through into late periods among some of the small vessels. These vessels show examples of wet smoothing, ring, horizontal, vertical, and diagonal burnishing, and various shades of red slip. The levigating and firing of the ware is in general good, but the quality lacks consistency. A tentative conclusion is that one should expect these vessels in groups belonging to the 6th and following centuries, but close limits are yet to be determined.

§67 In S 463 and 464 we have interesting but little known types. The closest parallel is the Samaria vessel,<sup>73</sup> which is closest to some listed under S 464 in form, finish, and ware. Now there is little evidence for supposing this type to be earlier than the latter part of the 6th cent. B. C. and there is a fair amount that shows it as 5th cent. and later. It seems a good candidate for a type of the LI and Hellen. periods. The remaining three base fragments, S 465-467, have nothing significant to offer.

§68 A fair idea of ware and finish is to be gathered from the descriptions. Burnishing and polishing are

<sup>68</sup> *AAS* 12, p. 80 § 108, *AAS* 13, p. 90 § 55; *AS* V, 141.

<sup>69</sup> See parallel material in Appendix A.

<sup>70</sup> *BS*, 121 fourth row at right, p. 127 no. 766; *AAS* 13, pl. 18: 4 and p. 90.

<sup>71</sup> Appendix A.

<sup>72</sup> Megiddo had a few examples which covered about the same

range but none were close enough to the TN shapes to be typed with them. *M* I, 165 § 34, pls. 9: 23, 24; 19: 113, 114.

<sup>73</sup> *S* I, fig. 163: III 4 and p. 286.

common as well as red and white painted horizontal lines. Some of the ware is very hard and of a slate gray. So-called bister ware occurs, also. It is quite an unusual fabric in the TN series.

#### 8. Small jars—Serial Numbers 468-522

§ 69 This is a heterogeneous group including vessels having similarities to pitchers, amphorae, bowls, and one-handle pots. However, as to size they range in height between about 250 and 400 mm., which seems to limit the class somewhat. Information is limited on some of them, and as usual many of the base fragments are difficult to compare closely. So this group has only a limited amount of chronological information to offer. What there is will be mentioned. As for the remainder, if any suggestions are possible, they will be appended to the descriptions of the individual items or types which face the plates.

§ 70 S 468 seems close to the LB lozenge shape jar,<sup>74</sup> although it could be a later development. Possibly another such is S 469, which has closest parallels in the EI, a period most suitable to the TN evidences. S 470-473 appear to have some relationship in form but have a longer history in the MI.

§ 71 Evidence on S 476 is limited but what there is shows it to be a late type. It appears to begin in the 6th cent. and most likely towards the latter part. Its indicated history is LI and Hellen. Notice its rather thin ware which is hard and well levigated. Somewhat of the same type is S 475, apparently also a late vessel known in the 6th cent. and possibly later. S 477 is an earlier type again, our evidence showing it to be mainly EI and slightly later. S 478-482, apparently are closely related but their combined history is longer. Vessels with loop leg bases are found occasionally in periods from MI to MB i; so this MI example, S 514, is of no particular significance.<sup>75</sup> Two more late examples are S 484 and 511. Both are of thin ware. The former seems primarily of the 6th and 5th cent. B.C., while the latter is a base form that appears to have a long history after the LI period.<sup>76</sup>

§ 72 Details of finish and ware regarding these small jars are various. For particulars it is best to refer to the descriptions of the individual items facing the plates.

#### 9. Three-handled jars—Serial Numbers 523-538

§ 73 These vessels have three handles, a spout, and a ring base, the details of which can be seen in the drawings. The fragments are subject to more certain classification than is possible with a number of other categories. This is not a common class of frequent occurrence and references to it have been limited.<sup>77</sup> All of the TN spouts have openings, but false spouts are found at other sites.

§ 74 The chronological information to be gathered from this class is rather general. The major range is from the 10th into the 6th cent. B.C. with some extension on each end. However, most of those recorded thus far would fall within 1000-600 B.C.

§ 75 There is little evidence for further grouping of three-handle jars. But a major share of the information on S 527 suggests that the type with the high spout almost flush with the rim and with the sharp and angular modeling of the rims of spout and jar belongs to the latter half of the period mentioned.<sup>78</sup> S 523 appears to belong primarily to the middle of the period. It has a low spout but more angular modeling of details. S 524 has both the low spout and rounded rim, and it is one of the earliest examples. Now it must be admitted that the Megiddo material does not offer complete support to this distinction based on angularity of modeling of details, although regarding the matter of the spout flush with the rim it has little to offer.

§ 76 About the bases there is little to be said. S 531 is a small ring-base (shallow) variety which also might be confined to the latter half of the period mentioned for three-handle jars. The remainder have no new clues to offer. Two major types of handle sections are shown. The type with the grooved top

possibly 505 were uncertain elements. But it now seems more certain that they belong to a class of late bowls of which a selection is to be found in *CPP* 7 and 8. These will be included in the discussion of bowls S 1357-1361.

<sup>77</sup> The best are *AAS* 12, p. 80; *MI*, 166, § 41; *AS* V, 144.

<sup>78</sup> Restoration of spout on S 526 is entirely conjectural and may be wrong.

<sup>74</sup> For discussion and references see *AS* V, 115 and *SAOC* 17, p. 8. Note variations in dating.

<sup>75</sup> For references in addition to those given with the type see *SAOC* 17, chart of strata VI and VII, *MI*, pls. 17: 84; 23: 3.

<sup>76</sup> When the plates were being organized, S 500-503, 506 and

tends to be grouped with the earlier varieties and the oval and flat-oval variety with the later. Also the type with handle attached to the rim seems to be in the main late. Wet smoothing is the more usual finish but painted lines, red and brown, are not uncommon. Vessels with slip and evidence of burnishing have also been found.

§ 77 There is some possible correlation between the earlier and later phases of this jar series and ware. The earlier, such as S 524 and 526, tend to be less

well baked and levigated and heavier. S 523 and 527 are apparently better fired and levigated.<sup>79</sup> The ware of S 523 is noticeably thinner too. As mentioned before, the last two are among the later examples. However, it must be remembered that the three-handled jars mainly fall within the period 1000-600 B. C. and that most of the details mentioned are variations which might prove suggestive when more material is available for examination.

---

<sup>79</sup> However, at Megiddo hard-baked metallic ware is common in str. IV. *MI*, 166, § 41.

## CHAPTER II

# PITCHERS, JUGS, DECANTERS, JUGLETS, CUPS, POTS

### 1. Pitchers—Serial Numbers 539-605

§ 1 These are shapes that are in the main consistent with the class of vessels called pitchers in modern terminology. They included one-handled vessels with a fairly wide mouth, usually with a pouring lip, and are of small or one-hand size. However, the following types lacked pouring lips, S 542, 543, 549, 552-554, 556, 557, 569, 577, 578, and 594, and some of the remainder were too fragmentary to be certain. In spite of this deviation it seemed best to put them in this class. S 605 was placed at the end by mistake. It should precede S 573.

§ 2 Up to now very little has been done towards sub-dividing the pitcher class, especially for the Iron Age. Pitchers have been mentioned as never more common in the history of Palestine than in MI<sup>1</sup> and several other helpful references have been found.<sup>2</sup> But the further division adopted is largely dependent on the TN series and its connections with other sources.

§ 3 S 539 and 540 are handmade, unlike the remainder of the series, and are put at the beginning of this list rather than under a separate classification. Both come from T. 67.<sup>3</sup> Their range is not easy to establish; for close parallels seem to be found throughout EB and possibly a little later. The TN examples fall within the upper half of EB, which appears to be the most common phase for them.

§ 4 Those immediately following with comparatively plain rims, S 541-550, belong primarily within the EI and MI periods. Of them S 545 is close to a type at 'Ain Shems said to be a common EI variety.<sup>4</sup> It is also common in MI at TN. The evidence is still limited and not entirely clear cut on S 542, 543, 577, and 578. Thus far their major phase appears to be late EI and early MI. S 550 is worth keeping under

observation as a type mainly from the latter half of MI, and S 546 is possibly still later in its major history.<sup>5</sup>

§ 5 Another group begins with S 551 and 552 which have no really close parallels. All evidence suggests a possible range *ca.* 1900-1300 B. C. But the TN information favors MB ii. S 553-557 with possibly 602 make up the remainder of those which have handle attachment below the rim. These more bulbous vessels have an earlier history than the more slender variety of which they are likely forerunners. Some are probably as early as the 11th cent. B. C., or 10th cent. at least, and towards the end of MI they give way to a more slender variety put among our jugs, S 672-674. Ci 320 of TN, dated *ca.* 800-586 B. C., had representatives of the bulbous and slender varieties. The TBM examples from str. A<sup>o</sup> seem between them in form. None of the slender forms appear earlier than the latter part of MI.

§ 6 Of the series S 558-570, there is not much to be said beyond the fact that the MI period slightly extended at each end would include all of them. Present information does not warrant definite differentiation. But it might be worth pointing out that S 569 comes from the same late MI cistern as another very heavy-ware vessel, S 550, probably both being without pinched lip.

§ 7 The large squat vessels, S 571 and 572, have no close parallels from any other source than their own. A fragment and handle from a LI cistern from TN is uncertain, and the chronological gap makes it more so. Until more information is available these are candidates for types of the EI.

§ 8 There is little information on S 573-576. The first three come from an EI locus. S 573 and 575, also 558 and 561, which come from an EI locus, suggest some connection with the "lozenge" jars and related body shapes of LB.

<sup>1</sup> *AAS* 12, p. 82.

<sup>2</sup> *M* I, 162 § 15, 165 §§ 27 and 28; *AS* V, 131.

<sup>3</sup> See vol. I.

<sup>4</sup> *AS* V, 131, pls. 38: 22; 60: 2.

<sup>5</sup> Neither S 546 nor 550 is represented in Ts. 5, 29, 32, or 54.

<sup>o</sup> *AAS* 12, pls. 58: 2; 59: 7, 8.

§9 The group S 579-583 is of new interest, especially as TN furnishes the only sizable collection. Their history is not established by the amount of evidence available. However, it does indicate the rounded-base type to be earlier and the ring-base type later. The first four belong to the former variety, and all come from *ca.* 1100-900 B. C., as also the other whole shapes from TN as well as material from other sources. A few fragments are known from later loci (MI), but these could be uncertain, or from a late phase of the history of this group. The ring-base type S 583 is more numerously represented at TN, and the major range seems to be *ca.* 700-500 B. C. with possible extension on each end. The only discordant element in the evidence is the Tell Jemmeh example which could be from the early history of the S 583 variety. So whether or not this group represents EI and MI division of types remains to be seen.

§10 S 584-588 appears to be one of the more important groups chronologically. Its major range as now indicated is *ca.* 700-500 B. C. Apparently they continue later but the limits are not well marked and the vessels apparently are less common. On the usual assumption that whole objects come from the latter phase of a stratum, few of the comparative examples would likely be much earlier than 700 B. C. The example compared with S 587 seems to be an exception for which no explanation is apparent. But in view of the amount of evidence in the later period, this one appears out of its context. When these vessels combine certain of the elements of thin, hard ware of buff, light-red-brown, drab, and often greenish-drab colors, and ribbon-like handles of flat-oval or one-rib section, we have other reasons for assuming their lateness.

§11 Among the types remaining S 590 and 591 might be later developments of the group just discussed. In any case they have LI representatives. Several candidates for LI and Hellen. types are S 592 and 596. Even later histories are indicated for S 594, 595, and 597. No close parallel for S 593 has been found. What information there is on the remainder is to be found under the appropriate descriptions and references under the serial number.

§12 About the only comment to be added to those

already made with respect to form is to stress that the ribbon-like handles of flat-oval section, either plain or with slight ribbing (usually one), are numerous in late MI and become increasingly common for a considerable period thereafter, while in earlier periods they are so infrequent as to appear accidental.

§13 Most of the vessels were wet smoothed. S 551 was combed. Red slip was found, especially among the types represented by S 553-557. Some other slips were found, light greenish cream being the most common.

§14 Within the Iron Age certain changes in the ware were noticeable. Most of these are aspects of groups rather than well marked characteristics of individual items and are in part impressions gathered from considerable handling of the material. The earlier ware has more thick, heavy sections, few well-leigated examples, and a limited number of hard-fired vessels. As the period progresses, thin ware becomes increasingly common, the pieces with numerous, sizable grits less common, and good firing is almost the rule. Greenish-drab ware is found almost entirely in the late MI and following LI period.

## 2. Red Jugs—Serial Numbers 606-614

§15 The term "red jug" is an arbitrary classification of vessels which have characteristics of sufficient distinctiveness and importance to deserve separate grouping. By no means does it include all jugs which could be placed under such a general heading. They are pitcherlike vessels but without pinched lips. The necks are long and the handles slender. Generally the bases are slightly rounded, although some are flat. In the main the ware is moderately well leigated and fired. The usual colors are light brown and light orange-brown with red and orange modifications. The finish consists of a nicely smoothed matt-red slip over the outer surface and part way inside the neck.

§16 The geographical distribution of the known examples of these jugs shows an interesting fact—all could be within the area of the southern kingdom. The greatest number of recordings come from TN with 'Ain Shems a good second. One parallel each

is noted with material from Tell el-Fûl and Tell el-Ḥesî.<sup>7</sup>

§ 17 The interest of these jugs is enhanced further when their date is considered. Their major chronological range falls between 700-500 B. C. The Tell el-Ḥesî and Tell el-Fûl<sup>8</sup> examples are dated within this period. A large share of the 'Ain Shems evidence can be dated so according to the revisions in chronology made in the latest publication.<sup>9</sup> However, several examples could have a moderately earlier history, and the fragment compared with S 606 is possibly, if not probably, intrusive. In fact the 'Ain Shems evidence is a strong support of an upper limit for this category but little earlier than 700 B. C. TN offers fuller and more precise information. Well over half of the red jug examples came from cisterns. Ci 370, which was dated *ca.* 700-586 B. C.,<sup>10</sup> had examples. Ci 304, dated *ca.* 600-450 or 400 B. C.,<sup>11</sup> had another in its lower half and therefore, it should be placed in its earlier phase. A number of other cisterns and rooms had large pottery groups which afforded a wide variety of type combinations for comparison. The results are almost entirely in support of the chronology previously stated. To account for the further implications of the TN and 'Ain Shems evidence, it is necessary only to add that occasional specimens could have appeared slightly earlier and later than the main period of the red jugs, 700-500 B. C.

§ 18 Then the indications are strong that red jugs form a very good type series in the southern region for the period mentioned. Our present knowledge of them suggests that they are another example of

regional difference in Palestinian pottery. Moreover, the consistency in the form, finish, and ware suggests the possibility that they are even more local in origin, possibly coming from one manufacturing area. The ware is not a common fabric at highland sites. A foothill or plains area of origin seems more likely, but more light on this point is required.

### 3. Jugs—Serial Numbers 615-732

§ 19 Vessels with one handle and comparatively narrow mouth, with or without pouring lip, have been classified as "jugs." Inasmuch as juglets are of the same general shape but smaller some overlapping is to be expected. S 679 will be taken up more in particular with the elongated juglets. Some of the other vessels are small enough to be classed with juglets, and S 693 might have been put with the pitchers. Then the type of vessel from which certain of the base fragments came is by no means clear in every case.

§ 20 The first five of the series, S 615-619, unlike the remainder, are handmade, but the group was not considered large enough to set apart. On the basis of comparative information these vessels appear to belong mainly to the upper part of EB. However, some evidence could be as late as Wright's EB iii, but EB i and ii appear to include the majority of them. Since all of the five are from closely connected loci at TN they are probably of about the same period.

§ 21 S 620-622 are jugs with strainer spouts. A number of references on strainer spouts point to substantially the same general conclusion, namely, that they are most abundant in EI but continue into following periods.<sup>12</sup> The evidence at TN is in agreement. Strainer spouts there were not numerous, a fact which has some significance, and over half of the examples can be attributed with confidence to the EI period. It is further significant that the only examples associated with fairly complete jugs are the three above, and these three come from tombs whose major phase is in the EI period.

§ 22 The type of jug represented by S 623 is but little less rare now than when the one from T. 5 was

<sup>7</sup> Note also *MT*, pls. 3: 6; 5: 2; 10: 6, 11, 23; 11: 20-25; 12: 8, 9, 16; 15: 4, 5; 20: 16, 26-29; 21: 19; 22: 7, 17, 21; 90: 15; 91: 16-18; 93: 2; 101: 5, 11; 102: 5. Most have handles, some have not, but in general body shape and finish they are quite similar to the red jugs. However, three of a series of five are quite close to S 609 and 610. These are shown in *SAOC* 10 (1934), fig. 18: C, D and E, with A and B lacking handles. But in date they are far apart, being mainly MB and partly EB. Some vessels lacking handles from TBM str. A are also similar in general body shape. *AAS* 12, pl. 66: 11, 13-15, § 115. What the connection is between these vessels is not apparent at present. Several other examples, about which it is difficult to be certain due to brevity of description, come from 'Ain Shems. *AS* III, pl. 27: rows b, d and g, and p. 62 f. However these fit the general conclusions for red jugs.

<sup>8</sup> Taking Albright's date, *AAS* 4, p. 24 f.; 12, pp. 76, 82 f.

<sup>9</sup> *AS* V, 7 f., 15, 138-141.

<sup>10</sup> *BAS* 82, pp. 25 ff.

<sup>11</sup> *Ibid.*, 31 ff.

<sup>12</sup> *AAS* 12, pp. 67, 73, 87; *MT*, 159; *Gerar*, 22; *APEF* 2, p. 56 f.



first published.<sup>13</sup> Megiddo furnished a similar vessel and a fragment of another,<sup>14</sup> the former coming from str. V and the latter from str. IV.<sup>15</sup> Another specimen came from T. 32 of TN. This one had a flat base but with neck angled like the Megiddo type and was wet smoothed. The three complete examples had pinched rims. S 623 has an upright neck and painted design apparently representing bird's wings and feathers. Other deviations of ware and finish can be learned from the descriptions. Whether or not the deviations of shape, finish, and ware have chronological importance is uncertain. But our present information is too limited to offer much help. However, all the evidence at hand can be brought within the period *ca.* 1100-800 B. C. and this is considerably weighted towards the phase *ca.* 1100-900 B. C., since two and probably three of the examples can be dated within these limits. A further observation is that S 623 is from the latest group and that it is the most careful and naturalistic representation of a bird.<sup>16</sup> Yet it could still fall within the 1100-900 period.

§ 23 Jugs with long necks and handles attached to the rims are represented by S 624-628. The parallel material is rather scarce. Megiddo has the largest series. Jug 83 is regarded as too well formed and finished to be a normal type for the advanced MI period.<sup>17</sup> Jugs related to 83 are considered close to forms at TBM.<sup>18</sup> The TBM forms were compared with TN pitchers of the well known types S 558, 584-586 and 588-589, with some border-line varieties S 553-555 and 672-674, with one-handled pots, and with decanters, all seeming to be sufficiently different to be separated into other groups. If this grouping is correct, the Megiddo comparisons with the TBM examples cited are questionable at best, and the chronological implications resulting from comparing the Megiddo series with str. A material of TBM do not follow. But a considerable range for these long-necked jugs is indicated by the Megiddo evidence

alone. Yet it would be important to know when they were most numerous within this range, for all of the TN materials falls within *ca.* 1100-800 B. C. It is not necessary to give here such possibilities as might account for the differences. But the positive implications of the evidence seem to indicate the long-necked jug with handle attachment at rim is worth consideration as an EI type with extension into MI. And its most common phase could be determined by observation of frequency of occurrence.

§ 24 S 629 represents a technique of finish which is said to be characteristic of EI and cannot be later than 9th cent.<sup>19</sup> All our comparative evidence fits this conclusion, if a few minor allowances are made for slight deviations of form and finish, except the 'Ain Shems example which is uncertain as to provenience. Moreover the TN example comes from this period. It is also of a general form which will be considered with the next group.

§ 25 S 630-650 is a group which exhibits some significant differences but which are best considered together since these differences seem to represent progressive changes. The primary one is in connection with the handle attachments. Professor Albright's observations with respect to black-juglet handles can with some profit be applied to these jugs.<sup>20</sup>

§ 26 The similar material in appendix A will indicate most of the important sources for dating these jugs and closely related types.<sup>21</sup> Some of the earlier Jericho and 'Ain Shems material, favorable and unfavorable to the observations to follow, has been left out of consideration chiefly because of uncertainty of provenience. Of the remainder, as can be seen by going through the sources, most will be found in harmony with the evidence from tombs 5, 29, 32, and 54 from TN.<sup>22</sup> The implications of this evidence will be given after considering the factors unfavorable to them.

§ 27 Again we must not be misled by comparisons of forms which are not sufficiently close. Such a comparison was referred to when discussing S 624-628.<sup>23</sup>

<sup>13</sup> *Tombs*, 26 f. and pl. 20: 3.

<sup>14</sup> *OIP* 26, pl. 38: 3015 and p. 34. 3015 seems to be the vessel mentioned in *OIC* 4, fig. 45: xi and p. 69 and *M I*, pl. 5: 117 and p. 163. The latest opinion is that it comes from str. V. *M I*, 3, note.

<sup>15</sup> Nevertheless the comment was made that it seems to be confined to the 11th-10th cent. in Palestine; *M I*, 163.

<sup>16</sup> See *ZDPV* 55 (1932), 83 f. for comments on "swan" jug.

<sup>17</sup> *M I*, 162, § 19.

<sup>18</sup> *AAS* 13, pls. 58-59, p. 76, str. A, 8th and 7th cent. B. C.

<sup>19</sup> *AJA* 36 (1932), 297.

<sup>20</sup> *AAS* 12, pp. 71 f., 83 f.

<sup>21</sup> *MT*, pls. 8 and 72, have several additional specimens.

<sup>22</sup> See vol. I, chap. IX, v, 2 (end), for detailed analysis.

<sup>23</sup> See § 23.

The same author in the following paragraph<sup>24</sup> correctly compares certain jugs to some from T. 5 of TN now under consideration. But then these are closely connected with some of the long-necked variety, S 624-628, considered in this study a different series which has different chronological implications. Another rather loose and chronologically misleading comparison is noted in the 'Ain Shems series.<sup>25</sup> Jugs of the class now being considered, S 630-650, are compared with the same TBM material already mentioned and grouped according to our classification.<sup>26</sup> Then they are compared with jugs from Tombs 1-8 of 'Ain Shems. Several of the latter are close to some of our series,<sup>27</sup> but almost all of the remainder which have some similarities of form are decanters, which not only differ in form but especially in finish. Moreover, their history is not the same, so close comparison could easily mislead. It is hoped that these comments have more closely defined the field of comparison.

§ 28 But there are still some problems even within this field. S 635 has a close comparison with a form in 'Ain Shems V said to be a str. II b type. Since it is the type rather than the locus which is dated, this dating can be questioned in the light of the facts presented here. The Megiddo str. III-II example compared with S 636 is actually between it and the smaller and later varieties from T. 5 of TN (S 646-647). Almost the same observation can be made for the TBM form compared with S 638,<sup>28</sup> even though it also has the lower handle attachment. The TBM fragment typed with S 650 is too small to be conclusive. Then there are the examples from the earlier publications on 'Ain Shems and Jericho already mentioned. What these signify it is difficult to say.

§ 29 Returning to the TN tombs 5, 29, 32, and 54, we find that the earlier of these tombs have a large majority of examples which have a low handle attachment on comparatively longer necks over those

which have higher attachments on shorter necks. But the later tombs have few with long necks and low handle attachments; the majority have short necks with higher handle attachments, some being near the rim. Now the major chronological period covered by these tombs seems to be *ca.* 1100-800 B. C., the individual dating having been arrived at by numerous considerations. They overlap mainly within the 10th cent. Therefore the 10th cent. seems to be a likely period for the development of the higher handle attachment of jugs into a pronounced style. And it is to be reiterated that there is considerable comparative evidence to support this suggestion.<sup>29</sup> The possible later appearance of jugs with low handle attachments need not be disturbing. These types were not necessarily entirely replaced, and with these as with others, the frequency of occurrence is probably a fundamental consideration.

§ 30 Aside from the handle attachments, several other observations might be of importance. The jugs with the low attachments are larger as a rule. Also more of them have a body shape somewhat suggestive of the LB "lozenge" body types, and more have painted decoration. The jugs with higher handle attachment are mainly smaller and more squat. As to handle sections and bases the series is too small to suggest much.

§ 31 Only one close parallel has been found for S 651.<sup>30</sup> Both fall within the period *ca.* 700-586 B. C. Almost all parallels of S 652 and 653 are from EI, which possibly is the major phase of their history. S 654, another type possibly with a rounded base, seems to have a long history, as also 655, although found mainly in EI and LB ii. S 656 is somewhat similar to 655 and comes from the same locus.

§ 32 Among some miscellaneous items, S 657 is probably one of the late fragments from T. 32. S 661 is a form which has some points of similarity with decanters as is mentioned under discussion of S 733 in that class.<sup>31</sup> This type is rare at TN but rather

<sup>24</sup> M I, 163, § 20.

<sup>25</sup> AS V, 140 and note 29. The TN material does not agree that these are in the main common MI types.

<sup>26</sup> See § 25. It should be added, however, that several among the photographed objects AAS 12, pls. 37 and 38 are close to the series. Pl. 37: 2 is the closest, while 37: 1 is very near a decanter, in form at least. Pl. 38: 14, 15, 16 are possibilities, and 15 has already been considered.

<sup>27</sup> APEF 2, pl. 33: 17 and possibly 20, the same on pl. 34, and pl. 47: 15.

<sup>28</sup> See S 644-645.

<sup>29</sup> In this connection BS, Tomb 1 (T. 11 of later records), furnishes interesting material. Not only are some of the long-neck, low handle-attachment forms found in this group, but there are also styles which possibly influenced these forms as well as the high-necked jugs.

<sup>30</sup> APEF 2, pl. 56: 11 and p. 88.

<sup>31</sup> See below § 41.



common at Megiddo and of about the same chronological range as decanters. Are S 665 and 666 nearer to the later types of decanters<sup>32</sup> than to the vessels with which they are compared, albeit with considerable reservation? Almost all of the TN evidence for them can be brought into harmony with the chronology of the late decanter types.

§ 33 Jugs S 672-674 have already been mentioned in connection with pitchers S 553-557.<sup>33</sup> Information on them is not extensive, although TN has a fair amount. Most of it suggests this is a group whose major range is *ca.* 700-500 B. C. which, however, does not include the earliest and latest appearances. S 675 as now known seems of about the same range, as does 676. Perhaps S 677 is even later. Information on S 678 is too limited for an opinion. S 679 is probably to be classified with elongated juglets with which it will be discussed.<sup>34</sup>

§ 34 Most of the TN evidence on the class represented by S 682-684 is LI and Hellen. Some of the examples have rounded bases. Comparative evidence shows some as early as the 7th cent.<sup>35</sup> Other comparative evidence<sup>36</sup> mainly favors LI and Hellen. periods for this general class of jugs.

§ 35 Other late types are probably S 685-687, probably being as late as Rom., at least in the case of 686. S 693 is a type which is close to the pitcher class. This variety of vessel appears to have a long history. S 694 is another with a rather long history. It is suggestive of the pitchers S 553-555 discussed in § 5.

§ 36 Among the remainder of the types, S 705 is probably one of the late fragments from T. 32. The evidence on S 709 is not clear. The indication is of a long history. However, if the questionable material is excluded the EI appears the most important period for this type. Fragments S 710-715 are reminiscent of bilbils and base-ring ware but they are not of imported fabrics. Information on them is limited and uncertain. S 716-718 are later, the Rom. and Byz.

periods being indicated. There was very little evidence on the base fragment with three legs, S 732, and what there was fell between *ca.* 650-450 B. C. Those types remaining unmentioned were lacking in information. If any conclusions are possible they will be given under the appropriate serial number in the descriptions and appendix.

§ 37 The significant aspects of form indicated by the evidence at hand have been mentioned. Strainer spouts and handle attachments were noted. Handle sections offer no apparent clue.

§ 38 A few words more about finish are necessary. Apparently wet smoothing was most common. However, it is likely that more vessels within the limits S 624-656 had painted decoration than is shown in the series, because many of them were considerably weathered, especially those from T. 32, but faint traces which suggest weathered painting have frequently been found. Painted decoration was most frequent among the EI representatives of the jug class. Then S 629 was discussed as an example having a combination of techniques including burnishing. The use of burnishing and slip is noted in the descriptions but no further significant observations were made respecting them.

§ 39 With the advance of the Iron Age a progressive improvement of the ware could be observed, especially as concerns the firing. Towards the end of MI and following the jugs were almost without exception well fired.

#### 4. Decanters—Serial Numbers 733-750

§ 40 The use of the word decanter for this class of jugs is common in reports on Palestinian pottery; so a definition of the term is not considered necessary.

§ 41 An examination of the material likened to the TN decanters reveals an interesting fact. Almost all examples come from South Palestine.<sup>37</sup> S 733 has two connections with North Palestine, Megiddo and Beth-shan. This type at Megiddo is part of a closely related series<sup>38</sup> which seems to have quite a long history, beginning in the 10th cent. B. C. However,

<sup>32</sup> See discussion of S 740 and some types following on § 43 f.

<sup>33</sup> See § 5.

<sup>34</sup> See below § 54.

<sup>35</sup> Of substantially the same class is also another 'Ain Shems example, *APEF* 2, pl. 54: 14.

<sup>36</sup> *BZ*, pl. 12; *CPP*, 76; *EP*, pl. 53; Vincent, *Céramique de la Palestine*, 24c.

<sup>37</sup> A condition mentioned by Albright some years ago which is still largely borne out by recent publications, *AAS* 12, pp. 82 f.

<sup>38</sup> *M I*, pl. 4: most of the forms between 99 and 107 inclusive.

the specimen illustrating S 733 is the only example from TN which approximates a complete shape, the remaining two recordings under this type being fragments and uncertain. Moreover, this specimen is from an older pottery group than any other TN decanter. Tomb 5 from which it comes seems to fall within the 10th and 9th cent., and the possibility is that S 733 comes from the latter part. Now the only other connection of the TN decanter group with North Palestine is a fragment from Megiddo compared with S 736. This fragment is of a crude but developed decanter type. This combination of facts is suggestive. On the basis of present knowledge it is possible to suppose that S 733 is a form known to both North and South Palestine when these two sections were more of a unit. This form remained popular in the North after the division, but in the South it was superseded by the fully developed decanter type of which S 734 is a good example.<sup>39</sup> Then the fully developed decanter is best regarded as a South Palestine type, and the lone Megiddo example compared with S 736 could be explained in a variety of ways. But it certainly is not representative of a plentiful supply of decanters in North Palestine during the latter part of MI.

§ 42 The period for decanters was established with considerable accuracy when first discovered in quantity, and later excavations have largely confirmed the dating, although some important modifications have been added.<sup>40</sup> The TN material seems in closest agreement with the latest finding at 'Ain Shems. At TN, too, decanters are rare before the 8th cent. S 733 is the only type which can be dated earlier, and it is in a class somewhat apart at the beginning of the series. The fully developed decanter types fall mainly within *ca.* 800-586 B. C. with greater representation during the latter part.

§ 43 Some modifications in the late history of decanters are to be noted. S 740 has affinities with decanter types from the 6th cent. B. C. remains of Tomb 14 of 'Ain Shems.<sup>41</sup> Since this type is associated with the fully developed decanter (cf. S 735) it

might represent a phase between it and the small ring base or round base types of cruder form which come from Tomb 14 of 'Ain Shems. The relationship of earlier and later seems reasonable, and S 740 is from a TN group which could be dated *ca.* 650-550 B. C., with S 740 belonging to the latter part of this period. So the limited amount of evidence at present available suggests a date for S 740 in the first half of the 6th cent. B. C., but we must be careful not to overemphasize the value of evolution of form in making such interpretation.

§ 44 Among the fragments shown by S 742-750 are some which certainly belong to the main decanter classification already discussed. Others are not so easy to place. However, several have similarities with the 6th cent. varieties with rounded shoulders from Tomb 14 of 'Ain Shems.<sup>42</sup> As such they are submitted here with the additional observation that they are largely in the same chronological range or slightly later in some cases.

§ 45 Then, at TN the main history of the decanter falls within *ca.* 800-586 B. C. A modified variety appears in the 9th cent. or late 10th, and modifications continue into the 6th cent. and possibly slightly later.

#### 5. Juglets—Serial Numbers 751-877

§ 46 Juglets are diminutive jugs, i. e. one-handled vessels with a small mouth which may or may not have a pouring lip. In connection with jugs it has been indicated that the small jugs approach the juglet category, and certainly the conical base juglet, S 756, is of a variety often put with jugs. But in the main the separation is patent. Within the juglet class there is further grouping largely on the basis of form. A discussion of the importance of this grouping follows.

§ 47 S 751 and 752 are listed as handmade. They did not warrant a separate grouping. S 752 probably comes from EB. S 751 is uncertain.

§ 48 In S 753 we have a variety of the "punctured" or "prick-pattern" or Tell el-Yahūdīyeh technique that is a characteristic type in MB ii.<sup>43</sup> The TN speci-

<sup>39</sup> Cf. description of S 734 for an example of ware and finish of fully developed decanter type.

<sup>40</sup> *APEF* 2, pp. 66, 67, 72, 76, 79, 86 f.; *AAS* 4, pp. 24 f.; *AAS* 12, pp. 82 f.; *AS* V, 140 f., 144.

<sup>41</sup> *AS* IV, pls. 48: 15; 68: 2, 6, 13, and 14.

<sup>42</sup> *AS* V, 141.

<sup>43</sup> For further literature and the history of this technique see

men was found in T. 69 with MB ii types and some earlier pieces. S 754 is a miniature juglet of very good ware which might be MI. S 755 is uncertain, but may be of about the same date.

§ 49 S 756, also from T. 69, belongs to a class of vessels many of which are larger and might well be classified as jugs. This is not one of the earliest types, which have a slightly flattened base.<sup>44</sup> Other variations have been noted but agreement about their history is not general.<sup>45</sup> Much of the closest parallel material is drawn from MB ii, a date suitable for most objects of the locus from which S 756 comes. Now Engberg has pointed out that the MB ii pointed juglet is superior in ware and fashioning to variants of LB ii and even later.<sup>46</sup> Other evidence from Megiddo substantiates this view.<sup>47</sup> And it is with this latest material that S 757 fits best. Although it has parallels in the earlier periods, the smaller varieties are more characteristic of the later. Moreover, the locus from which S 757 comes has no MB material, but it does have a mass of EI material, some of which could well be from the very beginning of EI if not from the end of LB. So S 757 is probably one of those surviving LB types<sup>48</sup> to be dated to the very beginning of EI.

§ 50 S 758 and 759 seem to follow in this series although not too closely.<sup>49</sup> They are EI. S 760-762 in form are between these vessels and the elongated type of the more usual shape which will be discussed below. Information on them is limited but most of it is EI, some possibly MI. S 763 and 764 are rather similar to the preceding vessels, although they do not show pinched lips. Dating information is mixed.

§ 51 The more usual shapes of the dipper, or, as we prefer to say, elongated, juglet, are found between S 765 and 792. Details of their history have accumulated as more excavation results have been published,

and they are now known as early as LB ii.<sup>50</sup> Another important observation made by Albright is that those with pinched lips belong to EI, the round lip to MI,<sup>51</sup> although it is now known that such distinctions cannot be made so sharply as at first thought.<sup>52</sup> The essential importance of Albright's observation is not lessened if the evidence is treated in a statistical manner so that frequency of occurrence is stressed.

§ 52 The TN types with pinched lips are S 765-778. The comparative evidence is found to be mixed. Some of this evidence is more reliable than other, especially as accuracy of illustrations varied. Naturally no precise statistical method is applicable here. But it is to be noted that a substantial majority of the evidence favors an EI and slightly earlier period for the elongated juglet with the pinched lip. Other evidence probably correctly indicates some examples to be of MI. This is in agreement with the general picture at TN, for they occur in MI, some probably towards the very end, but mainly they are EI.

§ 53 The types with round mouth are S 779-792. There is little evidence that any of these appeared before the 10th cent.,<sup>53</sup> but more might be found. However, there is considerable comparative evidence which shows them in the 10th cent. This agrees with the information from tombs 5, 29, 32, and 54. The earlier tombs, 32 and 54, have a considerable preponderance of pinched-lip juglets over those with round mouths while the later have about equal representation of the two types.<sup>54</sup> The major phases of these tombs fall between *ca.* 1100-800 B. C. and the overlapping of the earlier and later is mainly within the 10th cent. Then the frequency of occurrence of the two types of juglets within the tombs suggests the 10th cent. as the period when the pinched-lip variety gave way to the round mouth form as the common type.<sup>55</sup> Much of the evidence previously cited is in agreement with this conclusion.

Petrie, *Hyksos and Israelite Cities*, pls. 5, 7, 8; *AAS* 12, pp. 16 f.; *AAS* 13, pp. 65 f., 78 f., 85 f.; *APB*, 90; *BAS* 6, pp. 14 f.; *OIP* 33, p. 150; *AS* V, 100 f.; *LAA* 19 (1932), 50; *TA* III, 7.

<sup>44</sup> *AAS* 13, p. 86; *SAOC* 17, p. 18.

<sup>45</sup> *AAS* 12, pp. 15, 21; *SAOC* 17, pp. 18, 26; *APEF* 2, pp. 48, 72 f.; *MT*, 150, 155, 159.

<sup>46</sup> *MT*, 150, 155, 159. See also pls. 12, 14. The shaved juglet is a different variety.

<sup>47</sup> *SAOC* 17, charts for str. VI, VII, and VIII.

<sup>48</sup> *MT*, 159.

<sup>49</sup> See also *M* I, 165 § 27 and several jug types preceding 142.

<sup>50</sup> *AAS* 12, p. 67; *AAS* 13, p. 90 and pl. 18: 2; *B-S* II, ii, pl. 48: 17-20; *AS* V, 121 f.; and possibly *BS*, 177, 181, 189, 195.

<sup>51</sup> *AAS* 12, pp. 72, 83.

<sup>52</sup> *AS* V, 135, 138.

<sup>53</sup> *B-S* II, ii, pls. 44: 30, 48: 19 seem the most likely.

<sup>54</sup> See vol. I, chap. IX, v, 3, for a statistical analysis of the elongated juglets in tombs.

<sup>55</sup> This is a slightly earlier period than that suggested by Grant and Wright, *AS* V, 139, note 20. We have a larger body of evidence to support the earlier date, which can be seen by going through the parallel material for the individual types. 'Ain Shems T. 1 material used by them was dated "about 900 B. C. and thus

§ 54 A further development of the round-mouth type is to be observed. Slightly different body shapes are to be noted for S 783, 784, 792, 789, and 790. They seem to coalesce into the type represented by S 788 and one listed among the jugs S 679. Their main feature is the long, slender, alabastron-like body. Good parallels are lacking. One of the closest, which comes from T. 14 of 'Ain Shems<sup>56</sup> (mainly 6th cent.), falls really between S 783 and 788. The limited TN information suggests that the juglet with the pronounced alabastron body shape is late. It is more common in the 6th and 5th cent. and might be somewhat later.

§ 55 S 793 and 794, variously described as drinking or nursing juglets,<sup>57</sup> appear to be from EI and MI, although they are not necessarily earlier than the 10th cent. Information on S 795-797 is limited.

§ 56 It has been suggested that disk-base types such as S 798, 799, and possibly 800-802, are prototypes of button-base juglets such as 803-807,<sup>58</sup> and that they are the ancestors of the small black round-bottomed juglet.<sup>59</sup> In any case most of the close parallels from TN and other sites come from EI. A little evidence which is not harmonious may be intrusive or earlier. But enough information is now at hand to suggest that these are EI types<sup>60</sup> which might have had an earlier beginning.

§ 57 On examining the evidence available for the "brown"<sup>61</sup> juglets with pointed, or button, base, S 803-807, as well as that for 842-845, the black juglets of similar shape, we find that many come from the same loci as 798-802. However, the last (S 798-802), those with the disk base and longer neck, have parallels in earlier loci, while the former have examples in later loci. So it seems that the types S 803-807

and 842-845 are later in their major phase, which possibly belongs to the last half of EI and extends into the earlier part of MI.

§ 58 It is possible that close relationship between the above and the rounded-base varieties is to be traced.<sup>62</sup> The distribution indicates much the same condition for pointed, or button, base types as that maintained by Albright for the later varieties.<sup>63</sup> That is the vessels of similar shape whether of black or "brown" ware are of about the same period. That opinion is further substantiated when the evidence on S 810-819 and 847-871, brown and black groups respectively, is included.

§ 59 Now it remains to call attention to handle attachment of both brown and black juglets S 798-807, 810-819, and 842-871. Albright has observed that the handles of the EI juglets are attached some distance below the rim, while those of MI reach to or almost to the rim.<sup>64</sup> However at Megiddo the chronological distinctions of handle attachment were said to be lacking since the different types were said to be contemporary.<sup>65</sup> At TN a considerable amount of evidence backed up by much parallel material from other sites supports Dr. Albright's suggestion. Is this condition to be interpreted as indicating local variation? Another explanation is possible, being based on frequency of occurrence and a not too strict requirement regarding the position of the handle. The clue is provided by tombs 5, 29, 32, and 54 from TN.<sup>66</sup> Within the overlapping century of these tombs, the 10th cent., juglets with low handle attachments begin to give way to those with higher attachments, some of which are attached to the rim.<sup>67</sup> Following the period of the tombs juglets appear usually to have had attachments at the rim or slightly below. At best the variety with low attachment is to be re-

it belongs to the early part of Stratum II b" (p. 77). Elsewhere (p. 15) str. II b is dated ca. 950-825 B.C. This implies some extension of T. 1 within the 10th cent., an extension which the forms seem to warrant. Some of the other comparative material cited by them is not above question. The position indicated by Albright with respect to material from Tell el-'Ajjûl compared with that of Tell Beit Mirsim is in between but more favorable to the earlier suggestion (*AJS* 55, p. 358 f.).

<sup>56</sup> *AS* IV, pls. 68: 3; 48: 5 and *AS* V, 139; *BAS* 82, p. 41.

<sup>57</sup> Could these be dipper juglets for liquids, the liquid being poured into a small vessel through the spout? Such juglets would be very useful for filling small lamps and bottles.

<sup>58</sup> *M* I, 161.

<sup>59</sup> *AS* V, 131.

<sup>60</sup> *M* I, 161. Shipton dates them 11th and 10th cent.

<sup>61</sup> This is a rather loose, general use including a variety of shades.

<sup>62</sup> *AS* V, 131.

<sup>63</sup> *AAS* 12, p. 83.

<sup>64</sup> *AAS* 12, pp. 69, 71, 83. Note especially for discussions. See his early discussion, *AAS* 4, p. 14 f.

<sup>65</sup> *M* I, 161, § 10.

<sup>66</sup> See Vol. I for a detailed analysis.

<sup>67</sup> *AS* V, 139. Grant and Wright have suggested the 9th cent. for this change, although they probably would not wish to be closely held to this period. Neither is the 10th cent. here suggested as marking the limits within which the change took place. But this earlier date is regarded as a closer approximation to the time of the change. Behind it is a wider body of evidence than offered by them. Moreover, it is quite possible that the ed-Dāheriyeh tomb, which they cite, is to be dated as having an upper range within the 10th cent. rather than just 9th as was suggested.

garded as quite rare in later times. Then if we take into account Albright's further distinction<sup>68</sup> that the earlier examples have more graceful bodies and longer necks, the differences become easier to evaluate. The picture seems to be that the juglets, brown and black, with rather graceful bodies, long necks and low handle attachments began to give way in the 10th cent. to the common MI type which is more frequently squat and has the handle attachment higher up or even to the rim. Some of the types more common to the earlier period might have appeared later without changing the essential outline of this chronological picture. A close examination of the Megiddo material does not reveal anything which is seriously at variance with this interpretation. It might almost be said to support it.

§ 60 Information on S 808 is limited but it seems to be a late type, late MI and possibly later, which Dr. McCown suggested might be a local imitation of the Cypriote juglet. S 809 is another late vessel known in the Hellen. and the Rom. and possibly the Byz. period. Information on S 820 and 821 is limited but none of it is earlier than 600 B. C. Perhaps this is a LI variety. Note the handle attachment, which is late.

§ 61 Another series worthy of separate grouping is S 822-828 and 830. Although they have some minor points of similarity with the elongated juglets, it is doubtful if relationship is indicated.<sup>69</sup> They are fairly common at TN and almost without exception none are earlier than 700 B. C. A major share of the comparative evidence shows them most frequently in the last pre-exilic century. It is not necessary to account for all of the exceptions on the grounds that they are intrusive, or questionable, or by some other means, to suggest that their common period began around 700 B. C. The TN evidence further indicates a lower limit of about 500 B. C. So on the basis of present information they are offered as types whose most common phase was *ca.* 700-500 B. C. This suggestion may serve as a basis for further investigation.

§ 62 Among miscellaneous forms, S 829 is a variety of about the same age, or somewhat later. The little evidence on S 831-833 suggests they are after 600

B. C. More evidence on S 834 indicates it to be a LI type. S 835 appears to be even later, mainly Hellen. and Rom.<sup>70</sup> Base fragments S 836-839 are too uncertain to classify but appear to be mainly late. S 840 is likely after 700 B. C. S 841 has no recorded parallel but seems to belong within the LI and Hellen. periods. S 872 is a black ware vessel which has parallels in variations of brown ware as well as black. The range seems to be *ca.* 1000-586 B. C.

§ 63 The remaining types, S 873-877, belong to the group generally called Cypriote or Cypro-Phoenician. In Palestine they are imported fabrics, possibly from Cyprus, possibly from Syria. The information on S 875 is limited but shows the earliest range, being confined mainly to EI. The most common of these juglets is represented by S 873, and this is the type usually discussed.<sup>71</sup> Albright says it is EI and does not descend to a later date than the 9th cent. Grant and Wright are in substantial agreement but modify this view to say that there are but few examples in Palestine to be dated with confidence to the 11th cent. and that they were used after the 9th cent. in Cyprus. A large majority of the evidence on S 873 both from TN and other sources supports these views. In the main the few exceptions are inconclusive. The most important is Megiddo, where the information, admittedly limited, indicates a range of *ca.* 1060-650 B. C.<sup>72</sup> It might be significant that this site is the nearest to Cyprus, which continued to use such juglets after the 9th cent. This later influence need not have penetrated far beyond Megiddo, as there are other examples of differences in the ceramic histories of the northern and southern sections of Palestine. This could be another. Of S 874 two other Palestinian examples have been noted. The earliest, *ca.* 1100-925 B. C., is uncertain since it was found near the surface of the plain.<sup>73</sup> S 874 comes from a locus dated *ca.* 650-550 B. C. Its absence elsewhere in Palestine might be significant. Possibly this is a later type. S 876 is certainly a type with a late his-

<sup>70</sup> Note *EP*, 126 f. and pl. 60, and connection between bottles and high-foot lamps.

<sup>71</sup> *AAS* 12, p. 72; *AS* V, 132 f., cf. Johns in *QDAP* 6 (1938), 133 ff.

<sup>72</sup> *M* I, 163, § 24.

<sup>73</sup> An 'Athlit grave yielded another juglet of similar form and decoration but the ware was of very fine gray with traces of smooth buff slip. It was dated between 700 and 500 B. C. by comparison with Cypriote material. *QDAP* 6 (1938), 130, fig. 6: 4 on p. 142.

<sup>68</sup> *AAS* 12, p. 71.

<sup>69</sup> *AAS* 12, p. 84, pl. 69: 6-10; *AS* V, 138 f. and IV, pl. 66: 38.

tory since it was found in Ci 370, dated with reasonable certainty to *ca.* 700-586 B. C.<sup>74</sup> S 877 comes from the same cistern and therefore is late. However, it might be a fragment of a small vessel with two handles similar to S 231 which is of a general class said to have a chronological range from late 10th cent. into the 6th cent. B. C.<sup>75</sup>

§ 64 A few other remarks on aspects of form in the juglet series are in order. S 795 and 796 have double strand handles. The double strand handle is said to be a useful mark for MB ii and LB i.<sup>76</sup> Some EI examples, probably survivals of the earlier custom, are to be noted, and these are among them.<sup>77</sup> The manner of attachment at the handle bases of S 820, 821, 833, and 835 is more important. Apparently the handle strand is just pressed against the wall of the vessel without any further strengthening of clay worked in around this attachment. This is a technique found on other vessels. It had some of its earliest appearances in the 6th cent. and became common later, especially in the Hellen. and Rom. periods.<sup>78</sup> It is an important criterion for distinguishing vessels of these later periods.

§ 65 Burnishing was common on many juglets, especially the black ones. The elongated juglets were frequently vertically burnished, and many of those like S 822-828 were irregularly burnished vertically. The brown counterparts of the black juglets were not burnished so commonly as the black, and some had painted decoration, which is almost entirely lacking among the vessels of local fabric after EI. The "Cypro-Phoenician" juglets are imports. Other important techniques of finish such as pricked pattern and knife shaving have been mentioned in connection with S 753 and 757.

§ 66 In general the ware of the TN juglets was of well-levigated clay, some few pieces approaching the paste of the "Cypro-Phoenician" juglets. The later ones for the most part appeared better fired than

the earlier ones, although extent of weathering is often difficult to estimate. Here, there is in mind the fact that a large group of the earlier juglets, especially from T. 32, were much more exposed to weathering, primarily by reason of their position rather than of their greater age. The most noticeable distinction of ware among the local vessels is to be found among juglets such as S 822-828, which are of a thinner and hard-fired light red and orange-brown fabric.

#### 6. Handmade Cups—Serial Numbers 878-924

§ 67 Several different groups have been included among cups. Some have handles and some do not. The former have been referred to variously as cups, jugs, and juglets, which indicates the difficulty of arriving at a satisfactory definition. The working definition used here is that cups are small vessels, with or without handles, which have a proportionately wide opening or mouth. So those with small openings and handles approach our juglet classification.

§ 68 Types S 878-884 remain as much an enigma today as when Dr. Badè wrote of them in 1928.<sup>79</sup> No further examples have been discovered at TN or elsewhere, so far as known. Nothing has been added concerning their purpose. However, the date can be more closely indicated. A substantial amount of pottery from the complex which includes the connected structures of Ts. 5 and 6 of AK 26 is similar to types and groups which Wright regards as EB ia.<sup>80</sup> However, these "double cups" from this complex are not necessarily of the same period; for Ts. 5 and 6 had earlier and later elements which are noted in the discussions of handmade vessels such as handmade jars, amphorae, and bowls. A predisposition to place the "double cups" among the former is based on nothing more solid than rarity and crudeness of technique.

§ 69 Among S 885-895 are some which have indications of being "double cups" with portions missing. The others are simple and crude vessels which might come from almost any period. Some are probably the result of inferior or careless craftsmanship rather than early forms. Such is indicated by the distribution of the evidence, which shows a long his-

<sup>74</sup> BAS 82, pp. 25 ff.

<sup>75</sup> See above, p. 8, § 34 on S 231.

<sup>76</sup> MT, 150.

<sup>77</sup> AAS 4, p. 14.

<sup>78</sup> Consider the juglets just mentioned and their parallels, also S 1035, 1057, 1070-1072, 1075, 1077, and their parallels. Some other sources already partly indicated are: *M* I, pl. 1: 6-8; *AS* IV, pl. 68: 18, 20, 23; *S* I, figs. 162, 165, 167, 168, 177, 183; *EP*, pls. 58-60.

<sup>79</sup> *Exc.*, 49 f.

<sup>80</sup> *PP*, 60, 66. See vol. I on Ts. 5 and 6, AK26.



tory extending into the Iron Age; for such vessels might be found in any period of pottery making.

§ 70 Loop-handle cups are illustrated by S 896-919.<sup>81</sup> The high-loop-handle variety is proposed as earlier than the small-loop-handle type, the former being considered a characteristic type of EB i.<sup>82</sup> In a general way the TN evidence supports this proposal, although it is difficult to distinguish other than the pronounced types, so that the same locus might supply the extremes as well as indeterminate intermediate varieties. However, the earliest TN loci seems to lack clear-cut examples of the small-loop-handle variety. At TN the latter is in an approximate ratio of two to one over the former in the remaining loci, which are mainly EB i and ii. The evidence does not seem to warrant a more precise interpretation than this.

§ 71 Information on S 920-924 is limited. What there is indicates an EB i or ii locus for all except S 924. Possibly it is EB, but it could be a handmade object in primarily EI context.

§ 72 Besides the features of interior cups and high handles, there are the double strand handles to be noted. These have been found appropriate to EB i groups.<sup>83</sup> At least one-seventh of the examples had double strand handles.

§ 73 Several of the cups had remains of slip, probably red originally. Two examples had painted design, two showed evidence of burnishing, one had reed impressions on the handle, and two had pinched-applied bands. All of these types of finish are appropriate to the early part of EB. It is likely that much of the original finish has been destroyed by weathering.

§ 74 The ware is the rather granular variety common in EB. Some examples are hard baked, but mostly they are rather soft. The common colors are light browns modified by yellow, orange, and red. And a few pieces were gray. Almost all were mottled, since they were not evenly fired.

<sup>81</sup> *CPP*, 37A offers a group with many similarities, but closer comparisons offered difficulties. They are mainly from sources carefully considered by Wright.

<sup>82</sup> See *SAOC* 10, p. 62, note 17, and *PP*, 97, form V, for some discussion of this subject.

<sup>83</sup> *PP*, 99, form A VIIa.

## 7. Cups—Serial Numbers 925-953

§ 75 Cups are small vessels, usually with proportionately large mouths, with or without handles. Of those grouped here which have handles, only one had indication of more than one handle. It must be admitted that some of these vessels are not placed in this cup class with any considerable degree of confidence.

§ 76 Information on types S 925-934 is rather limited. They have been called smaller versions of the one-handled pots which follow,<sup>84</sup> and these pots were said to have their common history in MI.<sup>85</sup> The parallel material which we have both from TN and other sources, does not make possible any chronological distinctions on the basis of differences such as those of wider or narrower mouth. The indicated range is about 1000-586 B. C., and even if their history is closely connected with that of the one-handled pots, it would need be but little earlier. As for the TN material, well over half of it comes from tombs 5, 29, 32, and 54, but it could come mainly from the 10th cent. when the tombs overlap.

§ 77 Of most of the remainder, there is even less to be said. If not mentioned here, some clues about them might be gathered by consulting the description and the appendix under the respective serial number. S 935 apparently has a longer history than that of the cups just discussed. S 937 is of the same general class and period as a vessel at Megiddo.<sup>86</sup> Both are EI. S 939 is the most important of the handleless cups. The following five or more are substantially of the same type. Two parallels are mainly from *ca.* 1000-586 B. C., a period substantiated by the TN material, and their sources are indicated in the appendix. At 'Ain Shems they were common in str. II but rare in the tombs first published.<sup>87</sup> S 948 is likely a spout from a three-handled jar, and 949 is a miniature vessel. Possibly S 950 and 951 represent two of the latest types, the latter being as late as the Hellen. period.

§ 78 No significant observations respecting other aspects of form, finish, and ware were made. Wet

<sup>84</sup> *AAS* 12, p. 84.

<sup>85</sup> *Ibid.*, 82 f.

<sup>86</sup> *M* I, pl. 31: 151.

<sup>87</sup> *AS* V, 142; *APEF* 2, p. 76.

smoothing was the common finish, especially for the one-handled varieties. However, the use of burnishing and slip was noted, and the drawings show some grooving and impressing. The one-handled cups as well as their so-called larger cousins, the one-handled pots, are of a thinner ware than is usual for the fabrics of a similar period. They are well levigated with frequently a sandy texture. Firing is good, oft-times hard. The colors are usually shades of the brick reds, some being rich orange-reds, especially after subjected to some weathering.

#### 8. One-handled Pots—Serial Numbers 954-978

§ 79 One-handled pot is a round-bottomed vessel of medium size with one handle and a wide mouth. Some of the cups in the preceding group are apparently only smaller representations of the same general form. Mackenzie's discussion of these pots considered the vessel herein assigned to the red jug class as a later variant.<sup>88</sup> Albright and Grant and Wright refer to these pots as common MI forms,<sup>89</sup>

one reference indicating that they have an earlier beginning.

§ 80 These are simple forms and have no strongly marked secondary characteristics. Information on them being what it is has not made it possible to separate them into groups having chronological distinction, although the general period seems fairly clear. This extends from within the 11th cent. into the 6th cent. S 954 has the earliest history, going back into the 12th cent.; and the locus of the TN example being late indicates that it has a long history. Several types, S 975 and possibly 966 and 974, have parallel material within the LI period, being the latest examples noted. Later vessels of a similar form are to be found, and ware seems to be one of the best ways of distinguishing them.

§ 81 Some of the vessels were burnished but mostly they were wet smoothed. The ware was well fired and well levigated. Some vessels were of sandy texture and others were said to have silicate grits. Red-brown, orange-brown, orange-red, and light brown were the most frequent colors, some of them being rich, especially if weathered.

<sup>88</sup> *APEF* 2, pp. 81 f., 88.

<sup>89</sup> *AAS* 12, p. 82; *AS* V, 135.



## CHAPTER III

# COOKING POTS, BOWLS, CRATERS, PLATES

### 1. COOKING POTS—SERIAL NUMBERS 979-1077

§1 Cooking pots for the Iron Age have rounded bases. Some of the earlier ones lack handles, but most of the later ones have two handles. Occasionally vessels that appear to belong to this class are represented as having one handle. Cooking pot ware is markedly different from other contemporary fabrics, and within the class there is considerable variation between the earlier and later examples. Such distinctions become more marked when pots from Hellen., Rom., and Byz. periods are included. Moreover, since almost all of these vessels have indications of their previous use, such as smoke blackening, there is rarely any uncertainty about their general classification.

§2 But there is less certainty about their chronological value. At Megiddo they did not offer much assistance for distinguishing between strata of the LB, EI, MI, and LI.<sup>1</sup> However, they have been used with more confidence elsewhere.

§3 One of the earliest discussions of cooking pots occurs in connection with the Tell el-Fûl excavations.<sup>2</sup> At that time parallel material was scarce and not of the best quality. But it is significant that three major groups were distinguished for the Iron Age. (1) The earliest is mainly represented as consisting of the so-called collared-rim type which is known to be a survival from LB. (2) An intermediate type is possibly to be identified with the grooved-rim variety of which S 1013 is a good example. (3) After 900 B.C. the rilled-rim deep-bodied form such as S 1067 appears. Since this discussion, little more has been learned about the dating of Iron Age cooking pots than some refinement of the respective periods for these major groups of vessels.

§4 (1) The pots with profiled and collared rims

are said to have their prototypes in MB ii and are themselves characteristic of LB and EI.<sup>3</sup> The TN examples are represented by S 979-983 with 981 being uncertain. (S 984 seems similar to a variety said to belong to the end of EI and to approximate MI forms.)<sup>4</sup> They were not rare but mostly came from disturbed debris. Several came from comparatively undisturbed groups, one being a reasonably certain EI locus. TN, then, has practically no new information to offer<sup>5</sup> other than what can be gained by means of comparison. This supports the conclusions already quoted.

§5 Characteristic aspects of the LB and EI pots aside from rim shape are bodies of shallow depth, sharp shoulders near the rim, and wide mouths.<sup>6</sup> Modification towards vessels with deeper bodies and smaller mouths began in the 10th cent.<sup>7</sup> Possibly these characteristics are of more importance typologically than those of rim section, although the "triangular" rim section is seldom found in periods subsequent to EI. A few vessels, S 985, 989, 990, and 1003, seem to fall between the first and second major groups. Like the first, they have a sharp bend at junction of shoulder and base, but it is lower down.<sup>8</sup> Like the second are the well marked trends towards deeper bodies, narrower mouths, and grooved rims. But the facts indicate a somewhat more complex history. S 990 has some incised characters which cannot yet be dated paleographically.<sup>9</sup> Similar vessels were found at TBM and dated as between 600 and 586 B.C.<sup>10</sup> Also the grooved-rim

<sup>3</sup> *AAS* 13, p. 84. Among the references to LB and EI are: *AAS* 12, pp. 51, 58 f., 66, 40; *AS* V, 116, and some mentioned on p. 132; *QDAP* 4 (1934), 7.

<sup>4</sup> *AAS* 12, p. 67, pl. 27: 10.

<sup>5</sup> Probably mainly for reasons mentioned by Albright, *AAS* 12, p. 40; 4, p. 10.

<sup>6</sup> *AAS* 12, p. 68; 13, pp. 84 f.

<sup>7</sup> *AAS* 12, pp. 68, 81; *AS* V, 138. The last two quotations indicate this to be ca. 950-850 B.C.

<sup>8</sup> Compare with S 982 of the first group which has this sharp shoulder relatively high up.

<sup>9</sup> See vol. I, chaps. XII, ii; XIV, v, 7, and pl. 50: 1.

<sup>10</sup> *AAS* 12, p. 81, pls. 55: 5; 56: 3, 11.

<sup>1</sup> *MT*, 152, 155; *M* I, 172.

<sup>2</sup> *AAS* 4, 10 f.

pot is said to displace gradually the EI type, beginning in the late 10th or early 9th cent.<sup>11</sup> So a long history seems indicated, but its most important phase might prove to be the earlier.

§ 6 (2) S 985-1025, with some exceptions, could be regarded as belonging to the second major group which have relatively deeper bodies and narrower mouths and grooved rims. Among the exceptions, S 997 and 1008 belong to the earlier type with shallow body and wide mouth. S 1010 might better be placed with 1063 and following. Some others are border-line cases. For the remainder, the TN material has nothing new to offer, but the parallel material did show many of them to have a beginning in the 10th cent. It might be worth mentioning that types such as S 1020-1022 and 1027 and 1028 are now known to have their major phase beginning in the latter part of MI.

§ 7 In the arrangement on the plates, S 1026-1050 are mainly the second and third typological groups of pots. They merit some attention. Most of them belong to the former group which is common during the MI. S 1032 and 1034 are close to earlier types and not far removed from the rim shapes of LB handleless forms.<sup>12</sup> S 1035 is close to them, but it has handle attachments of the late kind, possibly not found before the 6th cent. B. C. And the TN material favors this as being a LI type. Perhaps S 1033 should be placed with the third group and certainly 1039, 1045 and 1046 should be included, especially as the chronological range is similar.

§ 8 (3) Now the third group consists of the deep-bodied and narrow-necked pots which frequently have rilled rims. The general type is represented by the series S 1051-1069 together with 1033, 1039, 1045, and 1046 mentioned above. With these might be included S 1070 and related types, which, however, are later and are easily distinguished by the ware, finish, and handle attachment. Among the vessels of this third group is a late type, S 1062, which is closer in form to 1044 or possibly 1077 and

should be disregarded in considering the deep-bodied and narrow-necked pots.

§ 9 A further subdivision of the third group is possible. (a) First there are the types with a comparatively plain neck and rim some of which have a flange, S 1051-1062. An examination of the parallel and TN material<sup>13</sup> will show that the plain varieties were more common in the LI and Hellen. periods, although they had a beginning in the latter part of MI.<sup>14</sup> (b) Secondly, there are the deep pots with rilled rims, S 1063-1069, and 1010. It was said this species probably did not develop much before the 8th cent. B. C.<sup>15</sup> This date would include the upper range of any of the loci cited. But such pots are not necessarily to be assigned to the upper range, even if the dating is regarded as certain. Aside from the 'Ain Shems' examples mentioned almost all others come from a later period. The best representations come from the divan tombs of 'Ain Shems,<sup>16</sup> str. A of TBM<sup>17</sup> and cistern groups from TN.<sup>18</sup> This material suggests the common range for these pots to be ca. 700-500 B. C. In the main, the remaining parallel material for S 1063-1069 supports this suggestion even though granting an occasional earlier or later appearance of deep-bodied rilled-rim cooking pots.

§ 10 It is of interest to note that at Megiddo there were but few vessels which might possibly be classified with the deep-bodied narrow-mouthed pots<sup>19</sup> as distinguished in the TN classification. More notable is that there were no examples of the rilled-rim types which were quite common in some of the southern sites. Is this another example of local variation in the ceramic history of Palestine? However, examples of the deep-bodied pots with plain or flanged rim were found at 'Athlît, Tell Abū Hawam, and Samaria,<sup>20</sup> these being from LI or Hellen. periods.<sup>21</sup>

<sup>13</sup> Especially groups from Cis 304 and 361, *BAS* 82, pp. 31-43.

<sup>14</sup> *AAS* 12, p. 81.

<sup>15</sup> *AS* V, 138.

<sup>16</sup> *APEF* 2, various plates between 37 and 57.

<sup>17</sup> *AAS* 12, pls. 55 and 56.

<sup>18</sup> Among others those in *BAS* 82, pp. 25-43.

<sup>19</sup> Some possibilities are *M* I, pls. 9: 33; 10: 38; 20: 115.

<sup>20</sup> See appropriate serial number for references.

<sup>21</sup> This is evidence for the longer history of the simple and flanged rim varieties, and possibly it is of some value in establishing the lower range of the common history of the rilled-rim forms.

<sup>11</sup> *AS* V, 138. Some of the distinctions between earlier and later pots made on the basis of rim shapes are not clear from the examples quoted and the same can be said of the TBM material already mentioned.

<sup>12</sup> Note parallel material.

§ 11 Now there are other deep-bodied types with fairly narrow mouths which have been closely connected with those just discussed.<sup>22</sup> However, they can be separated with advantage, since they are sufficiently distinct to offer some chronological value. This distinction is based upon a marked difference in ware of which the main characteristic is thinness. Ribbing of the outer surface also becomes increasingly common after the 3d cent. B.C.<sup>23</sup> Then many of these vessels have a characteristic handle attachment which becomes increasingly common after the 6th cent. S 1070 exhibits all of the characteristics, and 1071-1073 some of them. All are late, but TN has no precise information to offer. The remainder, S 1074-1077, are also late. Several are close to bowls in shape but the quality of the ware usually indicated their classification with the cooking pots.<sup>24</sup>

§ 12 Several additional observations on aspects of form are in order. The handles which are of the ribbon-like flat oval sections, with or without ribbing, are almost invariably found with the later varieties, especially the deep-bodied forms making up the third group at TN. Examples of the late type of handle attachment, mainly after 6th cent. B.C., are S 1035, 1057, 1070-1072, 1075, and 1077. The lower end of the handle was pushed against the wall without any further reinforcing at the base inside. Handles also were frequently marked, finger impressions and crosses being most common. The usual finish was wet smoothing, although a few examples had red slip. Among the later types ribbing became common.

§ 13 The three major groups of cooking pots for the Iron Age at TN are: the earliest which have shallow bodies, wide mouths and sharp, high shoulders and are usually handleless; next those with deeper bodies, narrower mouths, two handles and usually some form of grooved rim; and third the deep-bodied small-mouthed varieties with more or less plain, flanged or rilled rims. These are further distinguishable on the basis of ware. The earliest group was of ware coarser than that of the second group. Grits were larger, more numerous, and the consistency was more friable. The ware of the third group was a marked improvement, being thinner,

harder, well levigated and fired. These observations closely parallel those made at TBM.<sup>25</sup> A fourth group of vessels which is mainly subsequent to the Iron Age consists of S 1070-77. They are also quite distinct as to ware, features of which have already been mentioned in the discussion of these vessels above.

## 2. HANDMADE BOWLS—SERIAL NUMBERS 1078-1130

§ 14 The plainest of the small bowls with rounded bottom are S 1078-1091. Some of this general type showed blackening of the rim, and, as has been suggested, were probably used as lamps.<sup>26</sup> EB ia has been mentioned by Wright as an important period for small bowls,<sup>27</sup> although they are found earlier as well as later. The TN material is in agreement with the present indication that their most common phase is EB i.

§ 15 S 1088-1091 probably belong to the same general type and vary mainly in having two holes (often called suspension holes) in the rim. S 1090 also has a flattened base. The number of these bowls with holes through the rims is limited, but they are from loci of EB ia and slightly earlier. About the same period is suitable for S 1092-1093, which have at the rim a strand of clay.

§ 16 Bowls with various types of single handles are S 1094-1100. Perhaps all of these could be included with Wright's single-ear handle bowls mainly of EB i and especially of EB ia.<sup>28</sup> The TN and parallel evidence shows some a little earlier and others a little later, but the common phase is EB i. S 1101 is the best example of Wright's carinated bowl IIc which begins in EB ib and continues into EB iii.<sup>29</sup> It falls within the upper part of this range. S 1102-1107 vary somewhat from the more usual small, rounded-bottom bowls, but belong substantially to the same chronological period. Possibly the common phase for them is somewhat later. Also

<sup>22</sup> AAS 12, p. 81.

<sup>23</sup> LAA 23 (1936), 98. See also the discussion and references at the beginning of the lamp section (pp. 44-47).

<sup>24</sup> PP, 60. The reference is to vessels "usually red slipped and polished." But the parallel material for individual types will show many with plain finish as are those from TN. S 1079 shows cloth impression.

<sup>25</sup> PP, 60, 62 (note 27 p. 83), 63 and 68.

<sup>26</sup> PP, 65, 66 and 95.

<sup>22</sup> AS V, 138.

<sup>23</sup> AAS 12, p. 82.

<sup>24</sup> See further information in Appendix A.

later in range are S 1108-1110. S 1111 is closest to Wright's small bowls with semi-disk bases,<sup>30</sup> but the locus is mainly earlier than EB iii, when this type is said to appear.

§ 17 S 1112 is a rather crude type which seems to have a long history with an early beginning. Another early variety is S 1113 which is sometimes painted in a manner characteristic of EB ia.<sup>31</sup> S 1114 is from EB i loci. S 1115 is a thick ware bowl which approaches in form platters said to begin in EB ii or possibly ib and to become one of the most characteristic forms of EB.<sup>32</sup> An earlier beginning is indicated for these vessels by other material, especially from Megiddo.<sup>33</sup> S 1116 is a type painted in a manner characteristic of EB ia.<sup>34</sup> The parallel materials favors this period and suggests it might be slightly earlier. S 1117 has a longer, mainly later, history. The evidence for S 1118 indicates the most common phase for the deeper type of bowl with ledge handles to be EB i and slightly earlier. S 1119 seems to have a long history, possibly extending throughout EB into early MB. Most of the pottery from T. 69 is MB ii, but S 1120 is part of a small group which might be EB iv-MB i. S 1122 has decoration, spout, and body shape thought to be most suitable to EB i,<sup>35</sup> more especially ia. S 1123 comes from an EB ia locus. S 1124-1125 have conoid projections below the rim. Bowls with similar projections seem to have a long history.<sup>36</sup> However, present limited information suggests EB i represents a common phase. Information on S 1126 is even more limited. The locus of the TN vessel is EB i, but some of the best connections appear to be Lower Chalcolithic or Ghassulian.<sup>37</sup> S 1121 and 1127 have nothing to offer. S 1128 is a type placed EB i-ii at TN and elsewhere. It is a thick ware bowl which is close to the platter category of Wright. S 1129-1130 belong in the following section and are examples of bowls common in MB ii,<sup>38</sup> although there remains no

evidence of red paint on the rims which is frequently found on the MB ii bowls.

§ 18 Most of the important aspects of finish and their chronological significance were mentioned in connection with individual bowls. But also some use of burnish and slip can be gathered from the descriptions. Weathering undoubtedly obliterated other such evidence. Still, wet smoothing was probably the common finish for many of these simple vessels.

§ 19 The ware is the rather coarse irregularly fired fabric of EB and somewhat earlier period in various shades of red and buff. Yet the clay for these bowls was better levigated than it was for the larger jars and pots of similar periods.<sup>39</sup>

### 3. BOWLS—SERIAL NUMBERS 1131-1470

§ 20 Bowls are circular vessels whose most conspicuous axis is the diameter. Frequently the greatest diameter is at the rim, but this is not always the case. In this study it has been attempted to distinguish between handmade bowls, wheel made bowls, craters, plates, and pans, but again some overlapping of the classes has resulted. Such will be pointed out when the individual items are considered.

§ 21 Wheel made bowls comprise the largest group of types from TN, and they are a "vast and intricate subject."<sup>40</sup> As yet they have not yielded to very satisfactory groupings having clear-cut chronological significance. Some determination is possible as a result of parallel studies as well as from information drawn from the TN material. Yet the most recent discussions of bowls from the Iron Age have thrown new light on some groups, though the great mass are left in very general and hazy outline. It is not expected that the TN material will greatly clarify this condition, for to do so will probably require a considerable series of well preserved and overlapping groups which are dated with reasonable closeness. TN has some such groups, although their value is seriously impaired because of the effects of weathering, especially in T. 32. The reasons for this impairment are several. First, bowls are simple forms which have

<sup>30</sup> *PP*, 75.

<sup>31</sup> *PP*, 95, form II d.

<sup>32</sup> *PP*, 69, 75, 80 and 96.

<sup>33</sup> See parallel material for type, also *SAOC* 17, chart for str. XIX and XX.

<sup>34</sup> *PP*, 95.

<sup>35</sup> *PP*, 60, 61, 66, 99 f. and 100.

<sup>36</sup> *AAS* 12, p. 16; *MT*, 144; *MJ* 24 (1935), 11; *LAA* 23 (1936), 80 f., 94.

<sup>37</sup> *PP*, 19 and fig. 7.

<sup>38</sup> *MT*, 150; *SAOC* 17, p. 24.

<sup>39</sup> S 1120 and 1129-1130 are wheel made and of a later period than most of these, so strictly speaking do not belong in this series.

<sup>40</sup> Note Albright's comment on ring-burnished vessels, *AAS* 12, p. 85.

fewer well-defined secondary features; so the aspect of form in pottery chronology is not so important for bowls as for some other classes of vessels. Consequently more dependence is placed upon finish, which is of limited value since the evidence of finish on many vessels was weathered away and was uncertain in other cases. The evidence of ware was also modified by the weathering. Then the TN material is of less importance for bowls than for some other classes. But this large collection of considerable variety of bowl forms strongly suggests that much dependence must be placed upon finish and ware for classifying them until such time as well-dated overlapping groups brings out the significance of minor deviations of form. Distinctions of finish, ware, and form already brought out in publications for other sites have pointed to a similar conclusion.

§ 22 First among the types are bowls with "inturned" rims,<sup>41</sup> S 1131-1146, which are said to appear first about 3000 B. C.<sup>42</sup> Among these, S 1131-1142 are handmade, although a few might be tournette formed, and should have been included with the handmade bowls which preceded. Moreover, S 1132 is quite close to 1101, and 1136 to 1102. Now most of the comparative information on the handmade types indicates a period within the first five centuries of the third millennium. The TN examples all came from the same cave. They were associated with other forms which suggest this group belongs to the earlier part of the period mentioned and possibly a little earlier. This conclusion is based on comparative evidence. However, this is not always easy to evaluate, especially if only fragments are available for comparison, for some of the earlier and later forms are quite close.<sup>43</sup> Whole shapes, aspects of technique, ware, and finish, as well as consideration of context is necessary in many cases for more precise determination. Coming to the later, wheel-made examples, information on S 1143 is found to be mixed. Another type S 1144 is late, being LI and

Hellen. in any case. Bowls slightly more shallow and smaller were common in the Hellen. period at Tell Sandahannah.<sup>44</sup> Information on S 1145 and 1146 is limited and uncertain.

§ 23 Again some handmade types are to be noted. S 1147 and 1149 are so listed and 1148, 1150 and 1151 are uncertain, but they might well be. S 1152 is described as wheel made, although in the drawing it seems to be handmade. Information on them is very limited and uncertain.

§ 24 S 1153-1166 is a group of small bowls whose profiles of rim and shoulder are S-shaped in many cases even though the curves are sometimes slight or straightened.<sup>45</sup> Some are usually thought to have had metal prototypes. At any rate the latter have had a long history. The parallel material for individual types will show this even if due allowance is made for questionable comparisons, especially those resulting when fragments are compared with whole forms. Such shapes are known in the EB<sup>46</sup> and are probably most common in MB. But they continue to appear thereafter, although not so frequently, which is undoubtedly a fact of importance. General shape does not seem sufficient basis for distinguishing them. Finish and ware must be heavily relied upon. In the future more information about minor aspects of form will certainly be of aid in dating them. S 1153 might be the bowl of a chalice-like vessel. S 1155 seems to be one of the best TN examples of the everted-rim type of bowl which is also referred to as cyma profile.<sup>47</sup> Similar forms are common in str. III of 'Ain Shems but appeared earlier. S 1155 had few appearances at TN and most of these are uncertain but all could be EI.

§ 25 Some other types that belong with the general group just discussed, S 1153-1166, some of S-shaped profiles and others from metal prototypes, are probably S 1191-1201, although they are smaller. Most of the previous remarks apply here: such vessels are not numerous at TN; parallel material is from various periods but the MB is best represented;

<sup>41</sup> Upturned and inverted are other terms for them.

<sup>42</sup> *PP*, 59.

<sup>43</sup> It will be noticed that some of the comparable material for these bowls is later than the period given as that of their most common occurrence. This suggests something of the complexity of inturned-bowl rim-history. Some important references on this subject are: *AAS* 12, pp. 5 f., 11, 12, 23, 39; 13, pp. 61, 62, 65; *PP* 59, 94 f., 96; *MJ* 24 (1935), 21; *MT*, 146; *LAA* 23 (1936), 91, 93.

<sup>44</sup> *EP*, 127.

<sup>45</sup> Varieties among them are designated as cyma shaped in some publications.

<sup>46</sup> *MJ* 24 (1935), pl. 8: 4, 5, 7 of levels XI and XII which are considered EB iii by Wright, *PP*, chart.

<sup>47</sup> *AAS* 12, p. 66; *AS* V, 122, 123.

and some of the comparisons are not to be pushed too far owing to the fragmentary condition of some of the TN examples. S 1199 has already been compared<sup>48</sup> with a bronze bowl from a Persian tomb at Gezer.<sup>49</sup> Although the example from Megiddo compared with this type is about twice as large, its general form and earlier period warns against any hasty generalizations about the date of individual bowls which are similar to metal vessels. This is a complex subject, but one which should prove rewarding when there is sufficient material to make any real headway.

§26 Two more handmade bowls which were mistakenly included in this class are S 1167 and 1168. The latter is probably the earlier, although both come from the same locus. It is a cave which has a major phase falling within the first five centuries of the third millennium and also some earlier material. S 1168 is probably part of this earlier material.

§27 TN had its share of small bowls. Some have already been mentioned but a majority have been grouped together. They begin with S 1169 and commence to shade into medium-sized bowls at about S 1220. Within this series a variety of wares and finishes are represented. But generally speaking the bowls are small, and they have plain rims. It is true a few show some slight evidence of thickening or modeling but in the main they are quite simple and plain. Then this condition of plain, simple rim carries through, with a few exceptions, the medium-size bowls to about S 1245. Here there begins a slight modification of rim such as flattening rather than rounding of the top, beveling, and folding over until practically all rims show something of one or another of these characteristics. Is there any chronological significance in these aspects, that is any more than has already been suggested by previous publications? It seems that there is some. And again it is the frequency of occurrence within a period that is important and not an absolute condition such as that a given form does or does not occur.

§28 Now among the small and medium bowls of the MB will be found a large percentage with

some modeling of rim. Coming into the LB period an increasing number of vessels of these sizes with simple, plain rims are found as the period advances. There still remain the bowls with inturned rims which are now just low inner flanges. Then there are a few vessels with rims having flattened tops. But the plain rim bowl is considerably more numerous, a superiority which it holds in the EI; there are modeled rims, but they are mainly among the larger bowls and especially among the craters, as classified in this study. In their predominance the plain-rim bowls give way during the MI to another species of bowl. Then, as a class the small and medium bowls with plain, simple rims do not bulk so large, yet it must not be overlooked that many are found in the latter part of MI and in following periods. (Some of them comprise groups which are usually more easily distinguished on the basis of finish and ware than is now possible for some of the earlier periods.) However, these observations are to be thought of primarily in connection with their application to the Iron Age.

§29 Turning to the parallel material for the first group, the small bowls with plain, simple rim, S 1169-1244, are found to be the most common varieties at TBM during LB ii.<sup>50</sup> They are also EI and MI at TBM as can be seen by referring to the plates for these periods. They are common in str. III at 'Ain Shems.<sup>51</sup> Some other varieties are a conspicuous feature of IIa but rare in IIb.<sup>52</sup> The material at Megiddo offers considerable support to this observation.<sup>53</sup> And the Megiddo material supports the general argument being developed in this study.<sup>54</sup> A type similar to S 1177 was a characteristic shape in str. III at Tell Abū Hawam.<sup>55</sup> The simple bowls were common in the second period at Tell el-Fūl but they seem to be completely lacking in the third period.<sup>56</sup> The representation, however, is limited. As mentioned above, small bowls with simple, plain

<sup>50</sup> *AAS* 12, pp. 38 f., pls. 43: 10-14; 47: 1-8; 45: 20, 22-24; 50: 1; *AAS* 13, p. 89, pl. 16: 1, 4, 5, 7-9, 11, 12. Further parallel material is given in the works cited.

<sup>51</sup> *AS* V, 127; IV, pl. 59: 23-25, 29-32; also V, p. 130 and IV, pls. 37: 19-21, 24; 62: 18-20, 22-25.

<sup>52</sup> *AS* V, 135 and plate references.

<sup>53</sup> *M* I, plates on bowls.

<sup>54</sup> Consider the material just cited, also *MT*, 159, and pls. 8: 19-21; 69: 7.

<sup>55</sup> *QDAP* 4 (1934), 7 and fig. 9.

<sup>56</sup> *AAS* 4, pp. 11 f. and pls. 26 and 27.

<sup>48</sup> *BAS* 82, p. 41.

<sup>49</sup> *G* I, 293, fig. 154: 7. The so-called "Philistine" tombs of Gezer were dated as Persian by Grant and Wright, *AS* V, 78.



rimms are found in late MI and later, especially certain varieties. The TN material will bear this out.

§30 While considering the TN types, S 1169-1244, the general argument concerning small bowls will be dropped but will be picked up again beginning with 1245. Now the concern is with the evidence of smaller groups within the larger series, at least with those aspects that offer additional information.

§31 S 1173-1178 are of about the same chronological range as similar vessels at Megiddo,<sup>57</sup> although the TN types usually lack the slip. These appear to have a slightly earlier history<sup>58</sup> than the small, but deeper, thin-ware bowls usually with small disk bases, S 1202, 1210, 1212-1217. At TN the common phase for the latter group, which has a numerous representation, is *ca.* 700-500 B. C., while for the former it seems to be *ca.* 1100-800 B. C. However, TN and comparative sources indicate their phases overlap. S 1216 is one which approaches the form common in the Hellen. period at Tell Sandahannah.<sup>59</sup> The latter, however, often has a ring base and red slip. A significant distinction might be that the late MI type of small thin-ware bowl at TN usually lacks red slip.

§32 S 1179 is very similar to handmade bowl S 1103, although its range seems to be almost entirely within the Iron Age. S 1180 also has resemblance to earlier vessels. S 1182 might be a lamp fragment rather than a bowl. S 1186-1188 are other small bowls with mixed histories. S 1190 is of black ware. S 1191-1201 have already been discussed in connection with bowls having metal prototypes (pp. 33 f.). S 1203 and 1204 are ribbed, but examples with a similar finish are found over a long period. Those that remain unmentioned up to S 1218 have nothing new to offer. S 1218 might be another having a metal prototype.

§33 Within the series S 1219-1244 are a number of examples of medium-sized bowls with simple rims similar to types said to be a conspicuous feature of

str. IIa at 'Ain Shems<sup>60</sup> and some close to those from str. V of Megiddo.<sup>61</sup> Some, which have not been impaired by weathering, show varieties of finish appropriate to late EI and early MI.<sup>62</sup> At TN a majority of the evidence for these types is also in agreement with this period, but some of it is later, as is that for other sites. So it supports the general argument advanced, which is mainly concerned with small and medium bowls. Before proceeding to this main subject, it is to be observed that S 1230 is a type more common to MB and LB<sup>63</sup> but it does appear in EI and MI and is of a class of shallow bowls that become frequent in LI. S 1231-1233 are also of this shallow bowl class of which there are other examples beginning with 1339. Probably S 1266 is to be included with them.

§34 Now to return to the general argument concerning small and medium bowls. To repeat, in the second group, S 1245-1307, a slight modification of rim is to be observed such as flattening rather than rounding of the top, beveling, etc., until practically all rims show something of one or another of these characteristics. There are a few exceptions. Then, the third group having the folded-over rim type is illustrated by S 1308-1338, some within the series being exceptions. A number of the types S 1245-1307 have comparable examples in the LB and early EI. However, they do not appear to be numerous represented until the latter part of EI, after which, they continue as important and numerous units of the pottery culture for possibly several centuries. Then they give way to, but are not entirely displaced by, bowls with folded-over rims.<sup>64</sup> Again TN tombs 5, 29, 32, and 54 provide some of the best pottery groups for analysis.

§35 T. 54 has about one-fourth of its bowls with rims of the second group or slightly modified types, while the remainder are plain. If from T. 32 we exclude the obviously early and late types, about

<sup>60</sup> AS V, 135. S 1236 is close to other shapes that are very common in str. III, *ibid.*, 127; AS IV, pl. 59: 29-31.

<sup>61</sup> M I, pl. 30: 118, 120, 126, 132, 133, 134, etc.

<sup>62</sup> AAS 12, pp. 66 ff.; 4, pp. 21 f.; M I, 164 f.

<sup>63</sup> AAS 12, pp. 10 f., 12, 23, 39.

<sup>64</sup> Albright's observation on the TBM pottery that bowls with graceful flat rims were introduced in period B and continued down to the 7th cent. supports this interpretation (AAS 12, p. 86). However, their history is longer than indicated by the TBM material which marks rather their major phase.

<sup>57</sup> M I, 169, § 57.

<sup>58</sup> S 1177 is very similar to a shape that was characteristic of str. III, *ca.* 1100-925 B.C.(?), at Tell Abū Hawam, QDAP 4 (1934), 7, fig. 9.

<sup>59</sup> EP, 127 and pl. 60: 24-36.

three fifths are found to be small and medium bowls with plain rims and approximately two fifths have rims of the second group. Then there are three others, two of which are similar to S 1309, and the other is definitely of the folded type, although it might be late and intrusive. T. 29 had a small series, so it is probably of limited value and reliability. About four fifths were plain and one fifth of the flattened category. T. 5 had about one fourth plain, three fifths of the second group and one tenth similar to S 1327 which is not one of the fully developed folded group.<sup>65</sup> This time the evidence is not so clear cut as it has been for the analyses of other classes, but the 10th or overlapping century for these tombs is indicated as the approximate period when small and medium bowls with flattened, beveled, and flanged rims became predominant over the simple, plain-rim varieties. Nevertheless it must not be forgotten that such types appeared earlier, though they were proportionately less numerous.

§36 There is not much parallel material that can be offered in support of this suggestion partly because there is little available that is suitable for this kind of treatment. However, an examination of appropriate periods and types from TBM, Megiddo and 'Ain Shems will bring to light little that is divergent.

§37 Some comments on individual items between S 1245 and 1308, aside from information available under the serial numbers in descriptions and appendix, are in order. S 1247 probably does not belong in this group and apparently is an EI survival from an earlier tradition. S 1253 and 1284 each have some features of an EI ii bowl, but neither is a close parallel.<sup>66</sup> S 1255 is one of the most numerous types at TN. S 1279 has checkerboard design painted in red, white, and black and is possibly a "Philistine" sherd. S 1285 together with 1327 and 1328 appear to be good transitional types to the fully developed folded-over rim. S 1292-1294 and 1298-1301 are late fragments, 1299 having the combined decoration often called Byzantine but which has a more complex history. S 1302 probably belongs with types 1378 and following, which have bar handles. S 1304 is

close to varieties regarded as most typical of str. IIa and probably the early part of str. IIb at 'Ain Shems.<sup>67</sup> S 1305 probably belongs with a shallow bowl class such as 1339 which are rather common in LI.

§38 Returning to the general line of argument about small-medium bowls, we come to the third group with folded-over rims, S 1308-1338. Some shallow bowls immediately following could be added but will be discussed separately. Certain of the large bowls with handles such as S 1427 belong in the folded or "thickened" rim category. Although they are from substantially the same period as the smaller bowls, they will be taken up later. Possibly they have a slightly longer history.

§39 Now this third group of small and medium sized bowls eventually became predominant over the first and second groups, although examples from the first two groups are still to be found in the later period. When did this take place? Examination of the comparable material on folded-rim bowls will show references as early as 1000 B.C. as well as some variations of the folded rim in MB. Then a few examples as well as transitional forms were noted in the tomb groups mentioned above. There is a large mass of these bowls among str. A bowls at TBM,<sup>68</sup> the third period bowls at Tell el-Fûl,<sup>69</sup> and those from the divan tombs of 'Ain Shems<sup>70</sup> which come from the latter part of MI if not almost entirely from the last pre-exilic century. TN has a mass of material<sup>71</sup> coming from the same period as well as slightly later. Megiddo has the only important group<sup>72</sup> that is not in harmony with the above. Although the latter are not representative of the best types from the other sites by reason of some differences of form, they cannot be eliminated from consideration on that account. However, they might represent another one of those differences in the ceramic history between north and south,<sup>73</sup> some of

<sup>67</sup> *AS* IV, description of item 14 on pl. 63.

<sup>68</sup> *AAS* 12, pls. 60-66. For dating conclusions see p. xxi and possibly p. 81, also *BAS* 61, p. 27.

<sup>69</sup> *AAS* 4, pl. 27 and redating *BAS* 52, pp. 6 f., 10.

<sup>70</sup> *APEF* 2, pls. 22-58. For redating of Ts. 2-8 see *AS* V, 136.

<sup>71</sup> These bowls include a dozen of the most numerous represented types.

<sup>72</sup> *M* I, 169, § 59. S 1322 is the closest TN type to the Megiddo series, but it has a ring base and is not common.

<sup>73</sup> The general shape referred to occurs in the south but is very limited rather than very common.

<sup>65</sup> The types from these tombs are also those most important to the discussion.

<sup>66</sup> *MT*, 129, pl. 75: 6.



which have already been mentioned. For on the basis of the information from the four southern sites it seems strongly indicated that in the medium to small bowls with folded rims we have an important series for the period including late MI and early LI.<sup>74</sup> Naturally, this interpretation is meant to apply when the frequency of occurrence is noteworthy. It might be premature to suggest it, but S 1314<sup>75</sup> at present certainly seems a good type for the period *ca.* 700-500 B.C. This is a likely period for the most common or predominant phase of this whole group of medium bowls with folded rims. Above it was suggested that the large bowls with folded rims and handles such as S 1427 and closely related types are in the main of the same general period, at least during their common phase. But the evidence from the southern sites does not support this position so well as that for the smaller bowls. The 'Ain Shems material is least consistent;<sup>76</sup> but it is not a large group, and the quantitative aspect of the evidence is uncertain.<sup>77</sup>

§ 40 The major conclusions, then, about small and medium bowls of the Iron Age, might be summarized as follows: bowls with simple, plain rims predominate in EI until about the 9th cent.; during the 9th and possibly 8th cent. the second group bulked large; then those with folded rim were preponderant during the 7th and 6th cent. The last series could well have an earlier beginning than the 7th cent., and it did not entirely displace those of the first two groups. In general the periods suggested are not to be too closely held. They are to be used with circumspection.

§ 41 Within the last series taken up, S 1308-1338, are a few deserving additional comment. Among those not fully developed folded-rim types are S 1308, 1327, and 1328. S 1309 which might be included with them is a form close to MB bowls such

as S 1129 and 1130 which should be with the wheel made bowls. S 1314 is the most common type at TN, and others having a similar rim shape are also very common. Among them are S 1311, 1315, 1331, 1425, 1427, 1428, and 1429. Small, shallow bowls, which are rather scarce, S 1320, and 1325, 1334-1338, are included here with reservation.

§ 42 Beginning with S 1339 and ending with 1356 are some vessels which might have been included with the folded-rim bowls but they are treated separately because they are of a shallow variety which is mostly late when found in the Iron Age.<sup>78</sup> S 1342 is probably handmade and belongs in the handmade bowl section. In shape it is quite similar to S 1341, a wheel made vessel. S 1343 was dated "sixth-fifth century" by Père Vincent,<sup>79</sup> and the TN material is in harmony. S 1353 is probably a painted Byzantine or Arabic sherd. Some of the types between S 1339 and 1357 have comparisons in the EB and are even better represented in MB. S 1345 is a shape especially well represented in MB ii, although the finish is different.<sup>80</sup>

§ 43 Several of those just discussed might belong with S 1357-1361, 1448, 1449, and several that were put with the small jars, S 500-503, 506 and possibly 505. At Megiddo parallel types are said to be restricted to "8th-4th centuries B.C.,"<sup>81</sup> and other material is quoted in support. Some of this same material is used in a report on Tell Abū Hawam to indicate a later extension for a bowl that was one of the most important shapes of the series,<sup>82</sup> an extension into the Hellen. period. The TN material is limited, but it is increased slightly, if we include the base fragments placed with small jars. However, practically all of the clear examples of these types are probably postexilic. But if their major range is 8th-4th cent. B.C. one would expect them to be more numerous in the pre-exilic period in TN, or immediately following the Exile, since this was a very rich period in the ceramic history of this site. That would be on the assumption that these were a local fabric.

<sup>74</sup> Some support for this conclusion is to be gathered from an observation made on 'Ain Shems bowls referring especially to pl. 67: 11, *AS* V, 137. But in the same place is the comment on bowls, pl. 64: 12-16, 18, which is neither in harmony with the bowl of pl. 67: 11 nor the conclusions drawn above. The correctness of the observation on pl. 64: 12-16, 18 is open to considerable skepticism.

<sup>75</sup> Other closely related types can be included with it.

<sup>76</sup> *AS* IV, pl. 64.

<sup>77</sup> The text seems to imply that these bowls were common in the later period, but it is not clear; for one reference seems to be about large bowls with handles while a qualification is added which brings in medium bowls that lack handles, *AS* V, 137.

<sup>78</sup> See especially Ci 361, *BAS* 82, pp. 36 ff.

<sup>79</sup> *AAS* 4, p. 23.

<sup>80</sup> *MT*, pls. 28, 31, 35.

<sup>81</sup> *M* I, 168, § 53.

<sup>82</sup> *QDAP* 3 (1933), 78. Other important references to this and allied material are *QDAP* 4 (1934), 4, fig. 4; 3, pl. 23: 15; *S* I, 292, fig. 169.

But some of them certainly are unlike almost all other ware at TN, and some of the few examples of greenish ware are numbered among them. Then, if they are of a fabric foreign to the TN district, their scarcity could be accounted for in this way. Or it might later turn out that their most important phase was postexilic with extension into the Hellen. Their scarcity at TN would fit in with this suggestion, since it is only the upper part of this general period which is well represented at this site. In any case their major history at this site would fall within ca. 600-400 B. C. This and the Tell Abū Hawam and Samaria evidence suggest the possibility that these are more familiar types in LI.

§ 44 S 1362-1377 are a miscellany of types on which there is limited information. S 1372 and 1373 are of the rouletted technique and appearance common to the Nabateans.<sup>83</sup> S 1376 is probably one of those late fragments that was intrusive in T. 32.

§ 45 Bowls with handles begin with S 1378 and go through 1439. Others in the bowl class which have some variety of handle are S 1131, 1132, 1133, and 1458. First let us consider those with bar handles<sup>84</sup> which are S 1378-1391 and possibly 1302. Bar handles have been mentioned as typical of EI, although they survive in central Palestine, at least, into the 9th cent.<sup>85</sup> Megiddo has bowls with such handles in str. V-II, but mainly IV-II.<sup>86</sup> TN also has them in the latter part of MI, and possibly in the 6th cent. Perhaps they are somewhat more common in EI, but the evidence is too limited and uncertain to offer an important contribution on this point. However, their later occurrence, as indicated by both Megiddo and TN,<sup>87</sup> is clearly established. So the bar handle does not prove a reliable dating criterion for EI and slightly later. As for the dating of the TN bowls, the suggestions about rims are to be kept in mind, and base shapes must not be overlooked. Then the details of finish and ware of individual specimens are very important for placing each vessel in its proper period. This last remark is especially applicable to the entire class of bowls.

§ 46 Bowls with tab, button, and knob handles are S 1392-1400. Albright found the pinched button-handle often in the latter part of EI and the early part of MI at TBM.<sup>88</sup> Bowls with various types of knob handles are also common at 'Ain Shems in str. IIa and b.<sup>89</sup> S 1392-1396, 1398,<sup>90</sup> and probably S 1304 (lacks handle) appear to be the best parallels to the TBM and 'Ain Shems material. The material from TN is limited. The most important of it is in agreement with the TBM and 'Ain Shems conclusions. The few remaining examples of such handles at TN are late MI or early LI.

§ 47 Between those just discussed and bowls with vertical loop handles is a miscellaneous series of little importance. S 1401 has two types of handles. Most of the parallel materials on S 1402, the comparison being mostly with the bowl outline excluding the handle, is LB and EI. However, it is mentioned that this and other similar handleless bowls carry on as a type into later periods,<sup>91</sup> which is in line with the TN evidence. S 1403-1405 seem similar to a "peculiar knucklebone handle" of 'Ain Shems which belongs to IV b.<sup>92</sup> S 1412 is one of the late vessels, probably Rom. or Byz. of thin ribbed ware. S 1413 has a small cuplike handle, and apparently belongs to MI. S 1414 is the first of a series with vertical loop handles but is not of the same general type. The Hellen. period is indicated for it.

§ 48 S 1415-1439 includes the small, medium, and large bowls with vertical loop handles. As yet there is little chronological distinction on the basis of size. But a suggestion that is based on size and shape as a result of technical advance might be worth further investigating. It is to be noticed in the publications that large bowl-like vessels of LB and EI are usually of the class which we call craters and which will be treated immediately following the bowls. If they are of the more shallow variety with wide diameter, they are generally of thick heavy ware. But for the most part the crater types and small bowls

<sup>83</sup> AAS 12, p. 66, also p. 73.

<sup>84</sup> AS V, 137 and AS IV description of item 14 on pl. 63.

<sup>85</sup> About twelve examples from TN were mistakenly listed under S 1398, for they have bar rather than knob handles. The only change necessary is to note that a bowl type with bar handle between S 1381 and 1382 in shape was represented by about twelve examples. These belong almost entirely to late MI and so add to the evidence available on the late appearance of bar handles.

<sup>86</sup> MT, 159, pl. 71.

<sup>87</sup> AS V, 123; IV, pl. 32: 13-16.

<sup>88</sup> AAS 14, pp. 74 f., pls. 26, 27, 28; Glueck, *The Other Side of the Jordan*, 175, fig. 107; QDAP 9 (1941), pls. 8, 27.

<sup>89</sup> Also referred to as bone, spatulate, and nail handles.

<sup>90</sup> AAS 12, pp. 63, 70, 73. See also B-S II, ii, 12 and note; and AAS 4, p. 14.

<sup>91</sup> M I, pl. 24: 36-39.

<sup>92</sup> See note on S 1398 in next paragraph.

predominate. When we come to MI an important difference is noted. Large bowls, more shallow than craters and with wider diameters, especially at the mouth, become quite numerous. They are further characterized by being of thinner ware.<sup>93</sup> To be able to get so widely flaring a vessel of such thin ware to hold its shape until fired indicates great technical skill on the part of the craftsmen. So the process of throwing, turning, and firing these vessels was no mean achievement. Their frequent and wide occurrence during MI indicates that knowledge of the technique was spread abroad. Thus, we have another means of distinguishing between pottery of various periods, that is by more careful analysis of the degree of technical skill exhibited by the potters in throwing and turning their vessels. Perhaps the MI was an important period in this art.<sup>94</sup>

§49 Mention has already been made of the chronological implications of rim shapes of bowls. Albright has stated that folded rims (a large proportion of those referred to by him as thick or thickened) are characteristic of MI,<sup>95</sup> and evidence has been submitted above that shows them to be much more common in the latter part of the period. He further points out that aspects of finish are to be considered in dating bowls. On the basis of the chronological significance of finish TN has large bowls for the early part of MI but they are far more numerous in the latter part. S 1427 is one of the most numerous types at TN, and 1428, 1429 and 1439 are also very common.

§50 Among the remaining bowl types S 1441 has loop legs similar to a type at Megiddo of limited appearance.<sup>96</sup> S 1442 is similar to another Megiddo type which is possibly similar to a three-legged stone bowl that had a long history in Palestine.<sup>97</sup> S 1443 and 1444 have legs, and 1443 is of black ware. The base fragments not already mentioned are of little importance, and information on them is limited. S 1454 has impressions inside.

§51 S 1457-1470 are bowls with some crater characteristics, so they have been placed at the end of the bowl series just preceding the craters. The notable ones are S 1468-1470 with painted design in black and red, two of them over a cream slip. These are examples of "Philistine" crater bowls.

§52 About the only aspect of form not previously mentioned is that of handle cross sections. A fair observation is that the wide, flat, oval section is the more common type during late MI and immediately following. The flat base is more common during the early part of the Iron Age among bowls larger than the small sizes.

§53 Painting is a finish not often noted for this class. Some ribbing was mentioned, also combing and rouletting. There are many examples of slip, which also exhibit what are regarded as important variations of application. Examples of crisscross, chordal, irregular-horizontal, ring or spiral, and close burnishing were found. The irregular-horizontal and ring types were much the most numerous. However, due to the effects of weathering, especially among the tomb groups, TN does not have so much information to offer on burnishing techniques as might have been expected.<sup>98</sup> The information that is available seems to support in general the observations made by Albright on this subject,<sup>99</sup> and is in substantial agreement with conditions at Megiddo.<sup>100</sup> Since considerable reliance is put upon finish, especially combinations of slip and burnishing, for chronological distinctions, this subject naturally assumes importance for bowls.

§54 Ware is an even more complex subject at present. As the Iron Age advanced there was undoubted improvement in the quality of ware, especially in firing. Levigating improved too. The small, thin-ware bowls exhibit some of the most notable wares, but they cannot always be relied upon for chronological distinctions without the evidence of form and finish.

§55 In connection with large bowls having handles some suggestions were made regarding the

<sup>93</sup> Material at TBM, Tell el-Fūl, and TN is especially favorable to this separation. Megiddo and 'Ain Shems are valuable but not quite so clear-cut. Plates in the respective publications for LB, EI, and MI are those intended for reference.

<sup>94</sup> The eagerly awaited study of J. L. Kelso and J. P. Thorley, *AAS* 21-22 (1943), 86-142, appeared too late for consultation.

<sup>95</sup> *AAS* 12, pp. 69, 86.

<sup>96</sup> *M I*, pl. 25: 65, p. 169, § 59.

<sup>97</sup> *M I*, pl. 25: 69, p. 169, § 60.

<sup>98</sup> See detailed analysis of tomb groups for treatment of evidence not erased by weathering.

<sup>99</sup> *AAS* 4, pp. 21 f.; 12, pp. 66 ff., 69, 85 f.; *APB*, 105 f.

<sup>100</sup> *M I*, 164.

possibility of chronological distinction on the basis of the techniques of throwing and turning. These are subjects which will undoubtedly receive more attention in the future. Now, although some new considerations and additional facts have been brought to bear upon bowls, they are still a "vast and intricate subject."

#### 4. CRATERS—SERIAL NUMBERS 1471-1539

§ 56 Craters are deep bowls or mixing vessels. The diameter is still a conspicuous axis, although not so important as that for bowls. Craters do not show the widest diameter at the mouth, except among the vessels with cylindrical body shape, yet the openings are large. Some are without handles. Then there are two, four, and multiple handle forms.

§ 57 The crater type of vessel is said to appear in Palestine during LB ii, and ramifications of it appear in EI.<sup>101</sup> Large deep bowls are found at a number of sites during EI and some during LB ii.<sup>102</sup> At Megiddo there are more of these vessels in MI than for any other published site. TN has some representation of fragmentary material for the same period. This applies more particularly to the shapes represented by S 1471-1482. At TN it seems that the more complete the form the more certainly it is EI. However, all of the fragmentary evidence cannot be ruled out, and it must be admitted that some is MI.

§ 58 Both handled and handleless, painted and unpainted varieties of deep bowls were represented at Megiddo.<sup>103</sup> The handleless types are regarded as having the later history. In any case the crater of the deep-bowl form is more common at Megiddo for periods subsequent to EI than is now known for any other site. It is of additional interest to observe that Megiddo had comparatively few of the large, wide but shallower bowls such as the group containing S 1427. But these were numerous in a number of southern sites. Does this indicate that the potters at Megiddo during the MI were inferior in technical excellence to those of the south, and so were not able

to produce with facility the large, wide bowls?<sup>104</sup> Consequently deep bowls continued to be in common use longer at Megiddo than appears to be the case in the south.

§ 59 For the south the types represented by S 1471-1482 are generally EI forms which have LB connections and which have occasional survivals in MI. Even at Megiddo forms with quadruple and multiple handles are characteristic of EI.<sup>105</sup> Possibly S 1483-1486 belong to the same general group, although two of them do not show handles. Information on them is limited.

§ 60 S 1487-1493 have cylindrical bodies, except for 1490. S 1487-1488 are fairly well represented at TN. Their period there begins in the 7th cent. and extends into the 5th; further information could reveal a longer history. They are not far removed in general shape from jars S 322-328. Information on S 1489-1492 is very limited, as it is also for S 1493. Possibly this variety has a long history.

§ 61 S 1494-1507 is a somewhat miscellaneous series, a number of which apparently approach the cylindrical in body shape. Information on all of them is quite limited, and for S 1499, 1501, 1504-1507 unrevealing. The remainder, as a group, show little cause for being placed before 600 B. C. Possibly all are to be dated after 600, and this is especially likely for those having triangular impressed design.<sup>106</sup>

§ 62 The series S 1508-1525 has in common more or less neck and some flattening, flanging, or thickening of rim. S 1518 and possibly 1517 are the exceptions<sup>107</sup> which have quite simple, plain rims. (Possibly S 1526 should be included with this series. Although it has a simple rim, it does have more or less neck, and the period is harmonious.) Some have handles, but most do not. At TN the chronological picture seems reasonably clear. Almost all of the indications point to a period subsequent to 600 B. C. This is especially true for those with triangular impressed design. The evidence that can be read earlier is very limited and uncertain. Moreover, those in jar series 340-350 which are quite similar to these craters

<sup>101</sup> MT, 157 f., 159.

<sup>102</sup> AAS 12, pp. 39 f., 70; 13, p. 89; AS V, 123, 131, 132; MT, 157, 159; and note comparable material given under the types.

<sup>103</sup> MT, 159, pls. 70, 71, etc.; M I, pls. 26-32; SAOC 17, charts for str. VI-VIII.

<sup>104</sup> See discussion of these bowls for theory alluded to pp. 38 f.

<sup>105</sup> MT, 159; M I, 169, § 68.

<sup>106</sup> Cf. BAS 80, pp. 13-16.

<sup>107</sup> S 1516 also has a rather plain rim. It has something in common with a TBM type, AAS 13, p. 70, pl. 4: 15.

are in substantial agreement. Thus, the common period for the latter appears to be LI and Hellen., judging from the somewhat limited parallel material.<sup>108</sup> S 1527 is rather uncertainly placed. S 1528 is unmatched.

§ 63 Three types with pronounced shoulders are S 1529-1531. S 1529 might belong to the first group discussed under craters.<sup>109</sup> The form is close and the period suitable. The other two were rather common in the late phase at TN, S 1530 being well represented considering the period covered. Apparently they began in the 7th cent. and lasted into the 5th, so far as is known now. Possibly the major phase was within *ca.* 700-500 B. C.

§ 64 Of the remainder, S 1532-1539, there is little to say. At TN none seem earlier than 7th cent. and mostly they are later—LI or Hellen.

§ 65 Handle sections are by no means so consistent as might be expected. Among the first and earlier group of craters there are a few sections with a rib or faint rib and a few that are wide and flat-oval, but the majority are round oval. The thinner flat section seems more common among the later specimens. Three horizontal loop handles are to be noted among this later material. Horizontal handles are rare at TN, even including "Philistine" craters.

§ 66 Wet smoothing is the most common finish, but horizontal and ring burnishing are frequent. The use of a slip is found. The most important finish is impressed design, especially the triangular impressions. The present indications are this technique began in the 6th cent. and continued through the LI and beyond to an undetermined period.

§ 67 The usual general observation about ware is in order. The later pieces are generally better levigated and fired than the earlier. More of the late pieces fired to light reds and buffs. Also the turning of thin wall sections was more common in the later period.

## 5. PLATES—SERIAL NUMBERS 1540-1567

§ 68 Plates are shallow vessels approaching flatness whose most conspicuous axis is the diameter. A

few included in this class are rather close to shallow bowls in general proportions, but the overlapping is not serious.

§ 69 S 1540-1545 are of the general type referred to as baking plates, since they usually have round or diagonal impressions in the bottom, often have scintillating grits such as cooking pots, and are frequently smoke blackened. They have been found as early as LB, are very common during EI at 'Ain Shems,<sup>110</sup> and as a group are common at Megiddo in str. IV-II.<sup>111</sup> At TN they are most common during MI but appear earlier and possibly later. Probably S 1546 should be included in the group of baking plates. S 1547 is a burnished and painted specimen not possible to place.

§ 70 S 1548-1563 include many of the common varieties of plates which are frequently discussed with bowls. Plates, ring burnished or plain, are said to be excessively common in all parts of Palestine and southern Syria during MI.<sup>112</sup> The comparative evidence will show earlier occurrences, but the MI period is much more important. At TN the important period for them is MI. However, they are probably more numerous in subsequent periods. The type of finish is of some use in distinguishing periods for these vessels, although the remark above suggests that this criterion is to be used with caution.

§ 71 Among the remaining types are some that are closer in shape to varieties at Samaria, where plates and shallow vessels were numerous. Note the finish of S 1564-1565. What little evidence there is on S 1567 places it mainly within the Hellen. period.

§ 72 No special comment on handles is warranted. However, ring bases, especially high ring bases, are of the Hellen. and possibly latter part of the LI, while ring bases are not in the majority for the MI.

§ 73 The impressions in the bottoms of the baking plates are functional rather than decorative, although they are frequently arranged with orderly taste and confined by boundary lines. One suggestion is the impressions helped to keep the pottery from

<sup>108</sup> The general class was apparently rather well represented at Beth-zur, BZ, fig. 38.

<sup>109</sup> See also M I, pl. 32 for somewhat similar types.

<sup>110</sup> AS V, 124, 132.

<sup>111</sup> M I, 168, § 55.

<sup>112</sup> AAS 12, p. 86.

cracking in the fire.<sup>118</sup> In addition they could have served to impede the flow of thin batter towards the edges when cakes were being baked; for the smoke blackening suggests that many of these plates were used with the convex side up, as is often the case with similar-shaped vessels among modern Arabs. Slip was used, also burnishing. Some of the best examples of ring burnishing are found among the

---

<sup>118</sup> *AS V*, 132.

plates. Varieties and combinations of finish are of importance in determining the period, but the caution mentioned above is to be remembered.

§ 74 The ware of the baking plates is of the sort suitable for direct contact with fire. Something of this difference is to be gathered from the individual descriptions. Most of the remainder are of well-levigated and well-fired ware, since they are mainly of a period when these characteristics were usual.



## CHAPTER IV

# CHALICES, LAMPS, LIDS, SQUAT TWO-HANDLED VASES, BOTTLES, FLASKS, STANDS, FUNNELS, PANS, MISCELLANEOUS

### 1. CHALICES—SERIAL NUMBERS 1568-1592

§ 1 Chalice is a widely used term for the kind of vessel illustrated by these serial numbers. It consists of a bowl on a trumpet base of varying height. In general those of low base are earlier than those of high.

§ 2 At Megiddo the chalice form was said to have been introduced in LB i.<sup>1</sup> TBM has some from MB ii,<sup>2</sup> and a related form was found at Jericho in the early part of EB.<sup>3</sup> The Jericho example introduces the consideration of just how much of a trumpet-like base shall a bowl have before being called a chalice? A decision is not required here. It is enough to observe that vessels which might at least be prototypes of chalices appear early.

§ 3 Now the earlier chalices have simple-curve contours of both bowl and base, but a marked development of both is to be noted in EI i,<sup>4</sup> "the most pronounced feature being a rounded ridge on the stem, which, however, is not present in all specimens." Another Megiddo report supports this conclusion and adds that the MI tendency is towards ridges on both bowl and base.<sup>5</sup> Additional observations were made at 'Ain Shems. There the more characteristic form of str. III had a high base and a bowl with S-shaped profile.<sup>6</sup> But in str. IIa the bases are high and often have deep furrows around them, and the rim is usually flat.<sup>7</sup> What is the TN information on these points?

<sup>1</sup> *MT*, 152, pl. 58: 24.

<sup>2</sup> *AAS* 13, p. 78, pl. 8: 16, p. 84, pl. 12: 8.

<sup>3</sup> *LAA* 23 (1936), 94, pl. 39: 7.

<sup>4</sup> *MT*, 159 f., pls. 8: 3, 14; 68: 19-20; 71: 17; 73: 5. See also *SAOC* 17, p. 7.

<sup>5</sup> *M* I, 170.

<sup>6</sup> *AS* V, 130; *AS* IV, pl. 59: 26. Cyma is the term used to describe the profile.

<sup>7</sup> *AS* V, 135. See also *APEF* 2, p. 47 for additional comments on 'Ain Shems material.

§ 4 First, S 1568 is eliminated, being a handmade vessel showing evidence of a base attachment. Possibly it was a small chalice-like form from the early part of EB. S 1569 comes from the same locus (T. 32) as many of the larger examples. However, its ware and decoration suggest that it is another one of those late elements in T. 32. Possibly it is Hellen. or Rom. Parallel material was not found. S 1570 with the scalloped fringe is probably later at TN than chalices having similar decoration at Megiddo,<sup>8</sup> and an example from Tell el-Fâr'ah is also later than the Megiddo material.<sup>9</sup>

§ 5 Of the remainder, which include base portions, all but S 1581, 1587, and 1588 have a more or less rounded ridge on the stem. S 1575 is about the only one which might be said to have a rounded ridge on the bowl, although not being of a shape to have much in common with the Megiddo chalices referred to in this connection.<sup>10</sup> S 1592 is of a type closest to those with furrows around them, but str. III at 'Ain Shems is probably a little early for it. S 1584 is the best example of an S-shaped profile. S 1585 and 1586 are possibly between the S-shaped and flat-rim type which is represented by S 1583.

§ 6 Returning to chalices with a tendency towards rounded ridges on bowl and stand at Megiddo,<sup>11</sup> it is noticed that they have rather deep straight bowls, almost goblet-like in some cases. Perhaps MI is the period when they were most numerous,<sup>12</sup> although similar vessels were found earlier even at Megiddo.<sup>13</sup> The chalice from TN with bowl shape closest to these is S 1581. Possibly S 1579, 1580, 1582, and

<sup>8</sup> *M* I, 170, pls. 33: 15, 17; 38: 1, 3.

<sup>9</sup> *TF* I, pl. 38: 18T2.

<sup>10</sup> *M* I, 170, pl. 33: 1-14.

<sup>11</sup> *Ibid.*

<sup>12</sup> Some good parallel material comes from Tell el-Fâr'ah, *TF*

<sup>13</sup> *SAOC* 17, chart for str. VII-IX.

I, 13, pls. 38-40.

1586 have some relationship. But TN has little connection with the Megiddo types.

§ 7 Now most of the complete or nearly complete shapes from TN come from tombs 32 and 54, chalice representation in them being about equal; T. 5 had two examples and T. 29 none. The tomb chalices among the drawings are S 1571-1575, 1580-1582, and 1584 aside from 1569 already discussed. T. 5 is represented by S 1592. Those from tombs 32 and 54 seem to fit into the last few centuries of EI whether judged by the Megiddo or 'Ain Shems observations. All but one have a rigid stand. At least one has an S-shaped profile and none have flat rims. S 1581, the type with the deep bowl and smooth stand, could be one of the closest elements to the later varieties, if it is not one of the earliest transitional forms to the MI types. The information from the tombs themselves, statistically treated,<sup>14</sup> suggests the overlapping or 10th cent. for tombs 5, 29, 32, and 54 as the period when these types were going out of fashion. And it is the upper part of this century that would be indicated. However, the statistical results on this group should not be pushed too far on account of the limited representation.

§ 8 This conclusion falls somewhat into line with the opinion that chalices are almost completely lacking in late MI.<sup>15</sup> That they were made after the 8th cent. seems likely from evidence already quoted and from TN material. However, it is possible that the common phase was over by this time. S 1576 and 1577, especially the latter, are the best candidates for a late date at TN. It is to be noted that these have a more flaring bowl and somewhat shorter stand than is usual for the others. Then, there is more fragmentary material which is too numerous to explain as intrusive in every case, even though some of these fragments cannot with certainty be identified with chalices. So at TN the general situation about chalices seems to be that the best-represented phase was during the 11th and 10th cent. with occasional occurrence up to the latter part of MI.

§ 9 The small vessel S 1569 had evidence of handle attachments which suggested the restorations given. Other unmentioned aspects of form do not at present seem significant.

§ 10 Aside from the decoration of S 1569 and 1570 already mentioned, there were impressed lines. Among the other vessels some use of slip and burnishing is to be observed, S 1586 having both. Some were painted. About one fourth of those from tombs 32 and 54 had painted decoration, and many of the remainder were too weathered to verify. This amount of painted decoration is in harmony with an EI period for the types from tombs 32 and 54.

The quantity and spread of the evidence does not justify conclusions about the ware, other than to say that what evidence there is seems to fit in with the general observations made before.

## 2. LAMPS—SERIAL NUMBERS 1593-1646

§ 11 Lamps comprise a class of vessels grouped together on the basis of form and of evidence of use (modifications for nozzles usually indicate function). After a short acquaintance with such vessels the general classification seems obvious for most of them. But such is not the case for all.

§ 12 Probably the earliest lamps in the TN series are some vessels in the handmade-bowl class. Similar vessels elsewhere have been considered lamps, since they showed evidence of blackening of the rim.<sup>16</sup> A number of those grouped with S 1078-1087 at TN show similar evidence, so the function of the vessel is judged to be the same. The TN simple-bowl lamps are at least as early as EB i.

§ 13 Some modifications of rims for nozzles have been found as early as EB iii-iv, but material for the latter part of EB is still limited.<sup>17</sup> One of the earliest recorded examples of a complete and more developed form comes from MB i.<sup>18</sup> During the remainder of the Bronze Age significant modifications of the lamp took place. But only types of the end of the period and the Iron Age are of concern here, since TN lacked the others.<sup>19</sup> Features which have received the

<sup>16</sup> *SAOC* 10, p. 19, section 20A; *LAA* 23 (1936), 94, 98, pl. 36: 7-10, 13, 14.

<sup>17</sup> *LAA* 19 (1932), 44 f., pl. 28: 15, 16; *AAS* 13, p. 61, pl. 20: 27.

<sup>18</sup> *MT*, 149.

<sup>19</sup> However, important references to lamps especially of MB and LB are: *AAS* 12, pp. 25, 42 f.; 13, pp. 61, 86, 90; *MT*, 149, 150, 156, 159; *SAOC* 17, pp. 13, 21; *LAA* 19 (1932), 44 f., 50, 52; 20 (1933), 5, 12, 13, 17, 19, 24, 31; 21 (1934), 114; *AS* V, 109, 117; *B-S* II, ii, pp. 4, 7; *TF*, I, 4 f. See also *EP*, 130 f.; *APEF* 2, pp. 58 f.; *S* I, 317; *PEQ* 1935, p. 64.

<sup>14</sup> See vol. I, chap. IX, vi, 2 for detailed analysis.

<sup>15</sup> *AS* V, 142.



most attention are degree of pinching of spout, type of rim with particular regard for width and flatness, and kind of base. An examination of the references will disclose that there is not general agreement about the relative importance of these features, some stressing one thing, and some another, or a combination. Something of this will come out in the discussion of the TN series of saucer lamps for the Iron Age.

§14 S 1593-1625 include saucer lamps with rounded bottoms, although S 1624 is practically flat. A separation on this principle seemed desirable even though this might be thought an overemphasis of base form.<sup>20</sup> S 1593 can be eliminated at once as possibly being the product of an unskilled craftsman rather than a significant type. Among the remainder, considerable variation in pinching of spout is to be noted, so it is difficult to evaluate the chronological importance of this feature in the Iron Age series. When more material has been collected, it might prove valuable for this period, but at present it is of more importance for studying the MB and LB lamps.<sup>21</sup> The type of rim has long been regarded as of significance.<sup>22</sup> As for degree of importance, the TN material is not in close accord with the conclusions drawn about the Megiddo and TBM lamps of the LB ii and EI periods respectively;<sup>23</sup> for plain rim lamps are not uncommon in the EI at TN, and those with wide flat rims appear to become predominant during the 10th cent., the overlapping century of the tombs about to be mentioned.

§15 The major evidence is drawn from tombs 5, 29, 32, and 54. S 1594 is an example of the plain, narrow rim. A number of those following it are of the same general type. S 1616-1621 are good examples of the wide, flat, turned-back rims.<sup>24</sup> Now S 1610-1615 are apparently between the two more easily distinguished types. Since it is difficult to place them with either group, a third or transitional series is adopted as an aid to treating the evidence more exactly. Of (1) the plain, narrow rim, T. 5 had about one fifteenth, 29 possibly about the same,

32 less than one half, and 54 less than one half. Of (2) the transitional (somewhat thickened or with beginnings of turned-back rim) T. 5 had about one fifth, 29 none, 32 about one fourth, and 54 nearly one half. Of (3) the wide, turned-back rim T. 5 had about three fourths, 29 more than four fifths, 32 about one fourth, and 54 possibly one fifth.<sup>25</sup> This group of over one hundred and fifty lamps suggests that it was not until the 10th cent. B. C. that the wide flat, turned-back rim became predominant at TN.

§16 S 1624 is the closest TN example to the type said to be the usual form in the Persian period.<sup>26</sup> The parallel material indicates this type began in the late MI.

§17 S 1625 is a seven-spouted type which has variants of different base form. Albright has dated this variety as from the 10th cent. B. C., or slightly earlier,<sup>27</sup> and the 'Ain Shems examples have been found to be in substantial agreement.<sup>28</sup> One example apparently having a pedestal base and from a later date was found at Megiddo.<sup>29</sup> Now the round-base TN type is from a small group of the late MI,<sup>30</sup> and another fragmentary example comes from Ci 370 dated ca. 700-586 B. C. The TN, Megiddo, and possibly some of the parallel material, although limited, is enough to suggest this type had a history that extended into the latter part of MI at least. However, its most common phase might well prove to be the earlier period.

§18 A series of lamps with flat or disk bases is represented by S 1626-1631. Early examples are found to be rather numerous in MB-LB<sup>31</sup> and to occur occasionally thereafter<sup>32</sup> until they become common in MI.<sup>33</sup> Apparently these usually have

<sup>25</sup> See vol. I, chap. IX, v, 4 for detailed analysis.

<sup>26</sup> *AS* V, 142; *AS* IV, pl. 48: 9. Note parallel material and *QDAP* 2, p. 51, pl. 31: 820 and fig. 72, p. 92; 3, p. 78, pl. 23: 5; *M* I, 171, pl. 37: 8.

<sup>27</sup> *AAS* 12, p. 71. Note also for additional parallel material.

<sup>28</sup> *AS* V, 142.

<sup>29</sup> *M* I, 171, pl. 37: 16.

<sup>30</sup> S 1629 was in the group and it is to be noted that it had been used with seven wicks.

<sup>31</sup> *LAA* 19 (1932), 45, 50, 52; 20 (1933), 5, 13, 17, 24; 21 (1934), 114 f.

<sup>32</sup> *MT*, 156; *AAS* 12, p. 67, pl. 27: 15; *QDAP* 3, pl. 22: 25.

<sup>33</sup> The 'Ain Shems material fits this conclusion, *AS* V, 130, 141. Possibly the conclusion that the flat base was not added before the 9th cent. is suitable for a limited series (although consider *APEF* 2, p. 58, pl. 25: 8), but it is too precise for the general history of flat-base lamps.

<sup>20</sup> *LAA* 19 (1932), 52; 21 (1934), 115. Dr. Garstang's comments on the comparative unimportance of base shape apply more particularly to MB and LB.

<sup>21</sup> Note especially *AAS* 12, pp. 25, 42; *AS* V, 109; *SAOC* 17, p. 13; *LAA* 21 (1934), 114.

<sup>22</sup> *EP*, 130 f.; *APEF* 2, pp. 58 f.; *S* I, 317.

<sup>23</sup> *MT*, 150, 156; *AAS* 12, pp. 42, 60, 63, 70 f.

<sup>24</sup> *M* I, 171, pl. 37: 10-15 are quite close in form and period.

the wide, flat, turned-back rim.<sup>34</sup> Albright said the low-foot type is not necessarily older than those with a high foot though the latter tend, as a class, to be younger than the former.<sup>35</sup> Moreover, he believes the high-foot type more characteristic of northern Judah.<sup>36</sup> The TN material is in substantial agreement with this conclusion.<sup>37</sup> A few examples are as early as the 10th-9th cent., but the large majority come from the latter part of MI and the early part of LI. The best group was found in T. 3 which had ten examples of the late variety of round-base lamps and five with disk bases. This tomb had two phases. The earlier phase to which the saucer lamps belong is dated by comparison to the latter part of MI with extension into the 6th cent. The upper part could belong in the 8th cent., but the pull in this direction is not strong. This group suggests the more common phase for disk-base lamps to be the latter part of MI and immediately following. Aside from the eighteen examples grouped with S 1626-1631, forty-one additional units have been noted (not drawn, so classification is not possible) as belonging to the disk-base category. The information on these fits the general picture already indicated.

§ 19 The high-foot group is represented by S 1633-1642. The distinction between a few of these and a few of the disk-base form is not sharp. S 1633 is an unmatched member of this family, and, coming from an EI locus, it may be one of the earliest appearances of a lamp with the thick base. Its rim shape is also not well suited to the main group. The same is true of S 1634, which, however, comes from a late MI locus. The more usual shapes are represented by the remainder, which normally have turned-back or wide-flanged rims. Almost all similar lamps at TN or elsewhere are found to be subsequent to 800 B. C., and are common during the 7th and 6th cent.<sup>38</sup> That they were of frequent occurrence in the 5th cent. is indicated by a large amount of TN material<sup>39</sup> (those drawn as types total sixteen and almost seven hundred and fifty were noted as of the

high-foot type), but it does not give the clue to their final history. Probably they were displaced gradually by other types, as was usual with other varieties, and, as an infrequent utensil, they occurred for some time after the 5th cent.<sup>40</sup>

§ 20 S 1632 seems closest to 1643-1644—almost a stage in the development of the folded lamp. The period is more or less suitable. The group from which it comes falls mainly within *ca.* 450-250 B. C., although it might be somewhat later. The folded lamps proper are represented by only four examples at TN. This limited and somewhat uncertain material adds very little to the clarification of the question whether folded lamps first appeared in the LI or the Hellen. period.<sup>41</sup> At present, both periods are indicated, but the later is better represented.

§ 21 Two miscellaneous items are S 1645-1646. S 1645 can hardly be earlier than the 7th cent., and an uncertain fragment typed with it has no dating information to offer. The type comes from a room of the so-called "sanctuary" building, and in addition the finish is suggestive of the cultic significance of the object. Such significance has also been attached to objects of which S 1646 appears to be a fragment. Probably it is part of a kernos ring. Discussions of such vessels are to be found elsewhere.<sup>42</sup> The TN fragments appear to be from MI and LI, which by no means covers the total history of these vessels.

§ 22 Now the significant aspects of form as revealed by lamps at TN in comparison with other material have been discussed. The common finish was wet smoothing, but a few examples of slip and wash were noted. Almost all nozzles were more or less smoked. Those that were lacking such evidence were probably a very small per cent. Levigating was about equally good for all, but the later lamps were better fired. However, it is revealing to review the total statistics.

§ 23 Saucer lamps noted at TN total approximately 1404: round base 302; disk base 59; high foot 764; and miscellaneous which lacked sufficient evidence to place in one of the three categories above

<sup>34</sup> *AAS* 12, p. 86; *AS* V, 141.

<sup>35</sup> *AAS* 12, p. 86.

<sup>36</sup> *Ibid.*, 87.

<sup>37</sup> The ceramic history of TN is closest to the sites of northern Judah.

<sup>38</sup> Important references are: *AAS* 12, pp. 86 f.; *AS* V, 141 f.; *M* I, 171. Note also *EP*, 106, 127; *Gerar*, 22.

<sup>39</sup> Cistern groups furnished important chronological and comparative information.

<sup>40</sup> See also *AS* V, 146 f.

<sup>41</sup> *AAS* 12, pp. 86 f.; *AS* V, 85, 142, 146 f.

<sup>42</sup> Aside from the parallel material some useful references are: *PEQ* 1927, 148 f.; *MJ* 19 (1928), 156 f.; *MJ* 20 (1929), 69; *AS* V, 156 f. Cf. vol. I, chap. XIX, vi, 1, 3.

279. Now over two thirds or 221 of the round-base type came from loci dated mainly within 1100-800 B. C. Only about 6 of the disk-base types came from loci to be dated earlier than 800 B. C. One of the high-foot type is from an EI locus and only a small per cent of the remaining mass have any claim to be earlier than 700 or 750 B. C. at the most. Naturally the 279 uncertain examples must be left out of this consideration.

§ 24 These figures certainly offered something concrete towards the evaluation of different types of saucer lamps of the Iron Age. The danger of overweighing the occasional or isolated occurrence<sup>43</sup> was minimized. When used in connection with aspects of form such as was possible for tombs 5, 29, 32, and 54, a further refinement was possible. Individual features of spout, rim, and base, also combinations of several features were revealing. And when these were combined with a fourth aspect, frequency of occurrence, a sounder and more objective analysis was possible. Finally, if the types have been correctly placed chronologically, the numerical superiority of the high-foot type certainly has something to add to the general history of the site.<sup>44</sup>

### 3. LIDS—SERIAL NUMBERS 1679-1686

§ 25 Lids are covers for the openings of vessels. The few shown are of various sizes and of limited occurrence.<sup>45</sup> Some are fragmentary and quite uncertain.

§ 26 S 1679 with its impressed circle decoration is interesting. The handle fragment inside of S 1680 suggests the vessel is a lid, although the size is somewhat against this classification. S 1681 is another large and uncertain type. The painted fragment S 1682 is also uncertain. S 1683 seems a possible candidate for a jar lid, and 1684 for some smaller vessel. The latter is too large for a draughtsman. Possibly S 1685 was used with jugs and juglets. Gerar had an earlier example which was close, and on the same plate are some whose outlines are similar to some already mentioned, although the size might be differ-

ent. S 1686 was found to be a good fit for some squat two-handled vases, but of a later date than the common phase for these vessels. At TN most of the lids were associated with late MI and early LI material, but a few had an earlier range.

### 4. SQUAT TWO-HANDLED VASES—SERIAL NUMBERS 1687-1711

§ 27 This class consists of squat vessels with vertically pierced or loop-lug handles which have been called variously squat pots, squat vases, squat juglets, squat jars, squat pyx, pyxis, and pyxoid pot. They have been regarded by some as having Mycenaean prototypes.<sup>46</sup> Another vessel not far removed from this general class is said to be derived from a Cretan type.<sup>47</sup> Dr. McCown has pointed out that S 221, an EB handmade vessel, is quite similar in form to such as S 1700, except that the lug handle is horizontally pierced and the outline rougher. The development of these shapes, therefore, could have quite a complicated history. But in any case, all of the TN examples except for one wall fragment are of fabrics suitable to the period and locality. Some discussion of their period follows.

§ 28 S 1687 is a portion of a handmade vessel included with those made on the wheel. Unlike the type above, S 221, its locus is uncertain, and it could be EB or EI. All but one of the remaining types come from tombs 32 and 54. S 1688-1703 are in brown and red shades, while S 1704-1711 are black.

§ 29 Now the vessels in the first third of the series are closest to the Mycenaean "pyx," although they are not so close in either form or decoration as some at other sites. Local imitations of the Mycenaean vessel are said to have been made as early as the 13th cent.<sup>48</sup> and even as early as the 14th.<sup>49</sup> Then, modification occurs and later as a debased form, a local product, they appear in the Israelite period.<sup>50</sup> But how many appear after the 10 cent. for example? Megiddo has two later than str. V.<sup>51</sup> The Jericho examples from the earlier publications are somewhat

<sup>43</sup> Dr. Garstang has been among those pointing out such danger, *LAA* 20 (1933), 5, 17.

<sup>44</sup> On later lamps, S 1647-1678, see below, chap. V.

<sup>45</sup> Limited occurrence was also noted for them at Megiddo, *M* I, 170, § 71.

<sup>46</sup> *AAS* 12, pp. 44 f.; *MT*, 157; *M* I, 166; *AS* V, 121, 130; *SAOC* 17, p. 7; *LAA* 20 (1933), 25.

<sup>47</sup> *LAA* 20 (1933), 20.

<sup>48</sup> *AAS* 12, pp. 44 f.

<sup>49</sup> *SAOC* 17, p. 7.

<sup>50</sup> *MT*, 157; *SAOC* 17, p. 7.

<sup>51</sup> *M* I, pl. 9: 35, 36.

uncertain,<sup>52</sup> and their number is small. A few types, mostly from Tell Fār'ah, are listed in *CPP*, 55. The Beth-zur example is likely intrusive.<sup>53</sup> Possibly the two varieties from T. 1 at Beth-shemesh are later, but they are little later in any case.<sup>54</sup>

§ 30 At TN S 1689 was the only type not from a tomb. Although its position in the stratification was somewhat uncertain, it was closest to a room dated to late EI. Now about thirty-six fragments were classed with individual types or with squat vases—general, as they were not large enough to type more closely. Eight were uncertain as to classification, and at least seven more were uncertain as to stratification. Which is not to imply that all of the remainder were absolutely certain as to stratification. But even so, all but about a half dozen are from groups whose earlier phase is at the latest 10th cent. So quite a sizable portion of this somewhat uncertain fragmentary material yields positive evidence supporting the EI as the period when the local types were common. Comparative evidence has already been offered to support this point, and more can be found by looking under the approximate serial numbers.

§ 31 Another aspect of evidence is revealing. None of these vessels were found in tombs 3, 5 and 29 at TN<sup>55</sup> nor in the cistern groups published.<sup>56</sup> None were found in the eḏ-Ḍāherīyeh tomb,<sup>57</sup> and they were lacking in all the Beth-shemesh divan tombs,<sup>58</sup> but T. 1 had two examples.<sup>59</sup> Since the above groups helped to form a chronological sequence with earlier tombs and strata, the present history of squat two-handled vases becomes more definite. The evidence given here, coupled with that previously cited relevant to their occurrence during and after the 10th cent., suggests the common phase had been passed by the early part of the 10th cent.<sup>60</sup> Subsequent occurrences were infrequent.

§ 32 An important link in this history is supplied by TN tombs 32 and 54. Now, if the approach is made on the assumption that there is relationship between the squat vases and the Mycenaean "pyx," S 1688-1698 are recognized as being closest on basis of form and finish. T. 32 has a few more of the latter group than T. 54, but in proportion has less. However, T. 32 has more squat two-handled vases which approximate the Mycenaean type, suggesting that the relationship was closer. Of the black ware vessels, S 1704-1711, all but one came from T. 32. Among them were a number of the so-called debased, local forms<sup>61</sup> resulting when the Mycenaean influence became more remote. So on the basis of this evidence T. 32 might seem to be both more and less remote from Mycenaean influence, especially in point of time. That is, its history began slightly before and extended for a time beyond that of T. 54. If a close comparison with Megiddo were made, the history of some of the squat two-handled vases at TN could extend back into the 12th cent. The 11th cent. would seem to be their most important phase, a phase which quickly decreased in the 10th cent.<sup>62</sup> and was followed by a longer period of occasional occurrence.

§ 33 Here again much reliance is put on tombs 5, 29, 32, and 54 whose overlapping phase has been considered to be mainly 10th cent. But the squat vases are in the main earlier than this overlapping phase because the later tombs 5 and 29 lack them. Supporting evidence from other sites has been mentioned. On the other hand the few examples found in T. 1 of 'Ain Shems and the 10th cent. loci of TBM are possibly from the phase following the common period. Their limited numbers suggest this. The loci just mentioned and tombs 5 and 29 are of substantially the same period; a period when the squat vase was already a rather rare object. So to have one or two in such a locus or none at all is of about equal importance when the element of accident is considered; for to have two squat vases in T. 1 of 'Ain Shems might be accidental, although it could be representative. But the representation in number and form in T. 32 argues a period during the common phase. For T. 32 and TN this could well be the

<sup>52</sup> See parallel material.

<sup>53</sup> See parallel material for S 1703.

<sup>54</sup> As pointed out before, the revised date of this tomb implies a *terminus a quo* in the 10th cent., *AS* V, 77. Possibly this tomb could be earlier than the dating quoted.

<sup>55</sup> See vol. I, chap. VIII, vii, 2.

<sup>56</sup> *BAS* 82, pp. 25-43.

<sup>57</sup> *QDAP* 4 (1935), 109 f. and plates.

<sup>58</sup> *APEF* 2, pls. 33-61.

<sup>59</sup> *APEF* 1, fig. 15, left in center row; 2, pl. 22: 27.

<sup>60</sup> Apparently this phase was earlier at Megiddo, *SAOC* 17, p. 7.

<sup>61</sup> *SAOC* 17, p. 7; *MT*, 157. Consider also *AAS* 12, p. 72.

<sup>62</sup> Perhaps the Tell Abū Hawam evidence should be read as modifying this somewhat, *QDAP* 4 (1935), 7.

11th cent. with extension back into the 12th and some forward into the 10th.

§ 34 Much of the picture suggested here has been based on amount of evidence or frequency of occurrence. Since this might be accidental rather than representative, undue claim is not made for the results. However, it does seem that more emphasis on this approach coupled with more material would yield important conclusions about particulars of shape. Apparently the squat shapes S 1688-1691 are closer to the Mycenaean "pyx" in shape and S 1694-1697 in finish than the others. Consequently they would be regarded as earlier. But what is their period with respect to each other or the debased forms in brown or black ware represented by S 1699-1711? More examples are necessary to go much further with these points, lest conclusions drawn on few examples later be found at fault.

§ 35 Most of the handles of the twenty-three squat vases from T. 32 and the eleven from T. 54 are vertically pierced lugs. However, T. 32 had four examples with loop handles and T. 54 one example.<sup>63</sup> One other example came from the city site. Dr. McCown called attention to the fact that among the simpler vertically pierced handles some were more or less scooped out on the under side. S 1697 is a pronounced example of this condition. Five more or less scooped out types have been observed for T. 32, one for T. 54, and two from the city site. Since but little more than half of our material is available for re-examination on this point, complete information cannot be given. Observation of this feature in the future should yield some refinement of chronology for the squat vases.

§ 36 S 1699 was the only example which had other than a rounded base. A base fragment compared with the type is by no means certain.

§ 37 Some details of finish and ware have already been mentioned, but a reading of the individual descriptions will cover most of the material, since the types represent more than half of the examples. Some use of slip is noted. Painting and burnishing are more common.

## 5. BOTTLES—SERIAL NUMBERS 1712-1735

§ 38 Bottles are small vessels with narrow necks and lacking functional handles. By this definition S 1713 and 1720 are incorrectly placed; for it was discovered they had evidence of handle attachments and so belong with juglets. Also S 1712-1714 were hand-made, but the group was too small to set apart. The later seem to belong within EB i and ii on the basis of information available.

§ 39 The remainder were wheel made. S 1715 is a miniature and is of no importance. S 1716 lacks close parallels, but on the basis of its locus it can be placed within the period included by late EI and MI. S 1718 has no close parallels in ware and finish, but general period indicated is MI-LI. It is possibly of the same group which includes S 1719, 1722, 1724, and 1725. The early period for them is in substantial agreement with the conclusion that they are probably rare before the 7th cent., a conclusion made in the discussion of the 'Ain Shems material.<sup>64</sup> Possibly the globular form is earlier, while S 1724 and 1725 have their most common phase after the 7th cent. The information on juglet S 1720 is limited, but it is in agreement with a late MI date. S 1721 is from a locus probably belonging to the latter half of MI. The same period seems suitable for S 1723. S 1726 falls within the LI; 1727 might be EI; 1728 is from a 7th cent. locus; and 1729 might be MI-LI. However, information on these is very sketchy.

§ 40 The next four, S 1730-1733, are of special interest because they come from the same locus. The combination should prove of importance. Formerly all had been assigned to the Hellen. period.<sup>65</sup> An earlier date was intimated for similar vessels found at Tell el-Fûl.<sup>66</sup> S 1732, frequently referred to as Hellen., Grant and Wright consider common in LI, and mention some parallels as early as the 7th cent.<sup>67</sup> S 1733 is of a type which has been found with high-foot lamps,<sup>68</sup> so an earlier period than the Hellen. is indicated for its earlier phase. S 1734 has a parallel that comes from Tell Abū Hawam str. II of the late 6th to early 4th cent. These references suggest this

<sup>64</sup> *AS* V, 141 and note 33. *AS* IV, pls. 48: 2, 4, 6; 66: 17; 68: 7, 8, 9.

<sup>65</sup> *Tombs*, 13 f. See vol. I, chap. X, 2.

<sup>66</sup> *PEQ* 1915, p. 37.

<sup>67</sup> *AS* V, 144 f. and note 46.

<sup>68</sup> *EP*, 126 f., pl. 60: 6-11.

<sup>63</sup> Albright connects these with Greece, *AAS* 12, p. 45.

type of bottle is earlier than the Hellen. period. Then, the additional information on the combination of bottles from T. 3 further suggests the whole group could possibly be earlier than Hellen. This group could be 5th cent., but more information is needed to place them with assurance. S 1735 appears to have about the same history as S 1733 and 1734.

§ 41 The descriptions carry about all the information TN has to offer about finish and ware. Use of slip and burnishing is noted, and S 1721 has red-painted lines. S 1717 is of black ware. The later vessels are in general of better ware than the earlier, although the series is too limited to make possible any valuable observations on ware.

#### 6. FLASKS—SERIAL NUMBERS 1736-1755

§ 42 There is almost unanimous agreement about this class of vessels, since all of them give the unmistakable impression of being designed to be carried in a suspended position with the mouth up. Usually at least one side of the vessel is rounded or flattened to rest more securely against the side of the carrier. Most of the TN specimens are circular from the facing view and lentoid from the side, as shown by S 1736. However, S 1738 has an inverted top-shaped body, and 1753 and 1754 are rather dome-shaped from side view. But the latter are circular from the facing view.

§ 43 S 1736-1738 are distinctive by reason of their cupped mouths. It is now known that these appeared at Megiddo in LB ii,<sup>69</sup> and evidence for their occurrence after EI is scarce. At any rate the common phase for them seems to be LB ii and EI.<sup>70</sup> The material from TN supports this conclusion; for all types and parallel examples which can be placed with any accuracy come from EI loci. The painted decoration of S 1737 is also in harmony with the suggested period, and it is to be noted that S 1738 has painted band decoration.

§ 44 Probably all the group S 1739-1752 A belong to the lentoid category.<sup>71</sup> The earliest one is S 1739 which comes from an EI locus. Parallel

material is lacking, but its long neck, strengthening ridge, and plain rim should be kept in mind. Also its size is larger; that is, larger than for what appears to be the common type of lentoid flask for LB-EI. Those following S 1739 also come from sizable vessels. These and material from other sites suggest the larger flasks become increasingly common until they are the common types in MI and later periods.<sup>72</sup> Now the parallel material on this group is limited, but as a group it represents MI and LI. S 1741 is a lone specimen which does not appear to be a local fabric.<sup>73</sup> Some of the later ones in the series are S 1740, 1749, and 1750. These appear to be mainly of the LI and even Hellen. periods, but the earlier ones are mainly from the latter half of MI. S 1746 has the spiral burnishing technique of MI, spiral painting being common in EI.<sup>74</sup>

§ 45 S 1752b is a small lentoid flask resembling those of LB-EI. The stubs are of vertically pierced lug handles. This vessel comes from the top level of a cistern dated *ca.* 650-550 B. C., so probably it is intrusive.

§ 46 The last three flasks, S 1753-1755, have spiral-ribbing decoration. The handleless variety is represented only by the type which comes from a locus having an upper range in the 10th cent. B. C. S 1754, the four-handled variety, is the most common flask type at TN. Many of the representatives are handle fragments only and could be associated with the two-handled variety.<sup>75</sup> The latter is apparently of about the same range at Megiddo.<sup>76</sup> But one four-handled type does come from str. IV. Some of the TN handle fragments could be as early as the 9th and 8th cent., but mostly they fall within the 7th and 6th cent. Then a possible sequence for these types is S 1753, 1754 and 1755. However, the history of the last two could be contemporary. No earlier date than the 10th cent. can be advanced for any of them on the basis of our present information.

§ 47 Among the handle sections are to be noted

<sup>69</sup> If so the size of the vessel is of more chronological significance than is usually the case.

<sup>70</sup> Cf. *AAS* 12, pp. 87 f.; *M* I, 171.

<sup>71</sup> *AAS* 12, p. 87.

<sup>72</sup> Note that a two-handled type, *CPP*, 87 F, was compared with S 1754, but the handles are probably more significant than the spout.

<sup>73</sup> *M* I, 171.

<sup>69</sup> *SAOC* 17, charts for str. VI-VII; *MT*, 159 f.

<sup>70</sup> See also *AS* V, 132, and *CPP*, 85.

<sup>71</sup> Some references are: *AAS* 12, pp. 41, 73, 87; *MT*, 155 f., 159 f.; *M* I, 171, § 73; *B-S*, II, ii, 9; *AS* V, 124, 132, 142 f.



S 1739 with a kind of grooved top, the double strand of 1741, the incipient ribbing of 1746, and the single rib of 1750 one of the late types.

§ 48 Almost all points about finish have already been mentioned such as painting, slip, burnishing, and ribbing. Further details can be gathered by reading the descriptions of the individual items. The ware of the later specimens is in general better levigated and harder fired.

#### 7. STANDS—SERIAL NUMBERS 1756-1774

§ 49 Stands are types with open ends generally of a somewhat cylindrical or hourglass form. The lower varieties are sometimes referred to as ring stands. They were used to support other vessels. Whether or not such use was utilitarian or cultic is beyond the scope of this study.<sup>77</sup> But it seems likely that the higher types, such as S 1756, 1772-1774, were of least use for the support of large jars. S 1756 would be a risk as a support for a vessel of a large size. S 1774 has the triangular openings found in stands thought to have cultic use.

§ 50 S 1756 is a handmade stand which comes from an EB i locus. The remaining types are wheel made. As for the chronological significance of these, the possibilities are disappointing.<sup>78</sup> At Megiddo they likewise proved of little use, "partly because of their paucity and partly because they possess such little character of form."<sup>79</sup> Ware and surface treatment were the main points of distinction between those of the LB and LI periods. One suggestion was that the lower types might prove of some importance. The TN material gives some support to this suggestion; the lower types seem to have a later range than the higher forms, at least in their common phase, although they are contemporary with the higher types. Some additional support for this conclusion can be found at other sites.<sup>80</sup> The most common type at TN is S 1760. The chronological range is about 1000-400 B. C., the last three centuries including a large majority of the parallels.

§ 51 The majority of the specimens were wet

smoothed, but burnishing was used on a considerable number, horizontal, vertical, and ring being found. Most of the ware was well levigated and hard fired.

#### 8. FUNNELS—SERIAL NUMBERS 1775-1783

§ 52 These vessels are classified here because of their funnel-like shape. Funnel shapes and fragments are scarce in the publications of Palestinian sites. They are infrequently seen in LB ii tomb groups at Megiddo.<sup>81</sup> A few others have been noted in the parallel material for individual types. The dating of them is uncertain. Although funnels are uncommon at TN, still, by comparison, they are numerous. However, it would be hasty to attach any historical or chronological significance to this fact. All of the TN examples seem to fall within the period *ca.* 750-450 B. C. Of the twenty-three examples all but two were wet smoothed. One of these was burnished spirally, the other horizontally. Mainly the ware was well levigated and fired.

#### 9. PANS—SERIAL NUMBERS 1784-1796

§ 53 Pans are large shallow vessels with flat bases and usually of thick coarse ware. A few examples are of better ware, and some of them were burnished. It is more significant that a number were covered with white wash, among them being S 1791-1792. This adds somewhat to the possibility of these being of cultic significance. S 1790 has the stubs of what was likely a low triangular stand. Possibly this was the footrest and the vessel a foot bath.<sup>82</sup> Some of the fragments at the end appear to be from vessels which cannot with certainty be identified with pans.

§ 54 Parallel material is not especially common but it is rather widespread. Such materials could easily have been cursorily treated. Pans or platters are noted in the EB and possibly even earlier, but they appear to be more common in the Iron Age. At Megiddo they were common from str. IV to str. II.<sup>83</sup> At TN their major period was *ca.* 750-450 B. C.

<sup>77</sup> See *OIP* 26, pp. 20-23 and references.

<sup>78</sup> *AAS* 12, p. 88.

<sup>79</sup> *M* I, 170, § 70.

<sup>80</sup> *AAS* 12, pp. 30, 88; *CPP*, 96; *AS* V, 142.

<sup>81</sup> *MT*, 155.

<sup>82</sup> See discussion of this subject *PEQ*, 1932, pp. 179 f.

<sup>83</sup> *M* I, 169, § 63.

## 10. MISCELLANEOUS—SERIAL NUMBERS 1797-1842

§ 55 Theriomorphic vessels are represented by S 1797-1800.<sup>84</sup> The first two show considerable realism of detail in the characterization of the animals and the representation of trappings. Details were brought out by modeling and painting. One of the earliest appearances of theriomorphic or zoomorphic vessels in the Palestine region seems to be MB ii.<sup>85</sup> Then they appear during LB and the Iron Age, but are not numerous anywhere in Palestine. At TN there were 36 fragments noted aside from the types. The period *ca.* 1100-450 B. C. would include the record of the entire series.

§ 56 S 1801 might be part of the saddle trappings of a theriomorphic vessel. S 1802 is a side view of a couchlike object in miniature. Most of the fragmentary material compared with it comes from *ca.* 750-500 B. C., which could suit the type. Some of the fragments are close to types referred to as thrones for pottery gods.<sup>86</sup> S 1803 is a portion of a variety of oven rather common, at least, in Iron Age strata.<sup>87</sup> The type is a circular structure built on a flat surface of earth or stone having walls of coarse clay frequently reinforced with potsherds. S 1804 is a crude pottery spoon which probably had a handle slightly longer than the stub in the drawing. Another example from TN had such a handle. The one example from TN offering any dating information comes from an EB i or earlier group. The other two could also be EB, but they might be later. The example from Tell el-Fār'ah has been assigned to the sub-Chalcolithic.<sup>88</sup> S 1805 is a handmade trough-shaped object which comes from an EB i locus. Another example comes from the same locus. S 1806 is a cylindrical object with an incised cross on the side.

§ 57 Some objects likely associated with cloth making are S 1807-1811. The first three are often referred to as loom weights. S 1808-1809 represent the most common shapes. These have a long history as can be seen from the parallel material. Their most common phase at TN is *ca.* 750-450 B. C. The

last two, S 1810-1811, might have something to do with weaving. S 1810 has a shuttle-like appearance. It has a long history, *ca.* 1400-400 B. C., and that of S 1811 is slightly less. The range at TN is *ca.* 1000-400 B. C. To the records of S 1810-1811 are to be added twelve examples (not drawn) which are in harmony with the conclusion made.

§ 58 S 1812-1813 are likely candidates for chariot wheels. S 1812 had two fragments from other TN loci compared with it. The information on S 1812-1813 from all sources shows a spread of *ca.* 1000-450 B. C. But the general category has a more complicated history.<sup>89</sup>

§ 59 S 1814 has been considered a censer.<sup>90</sup> The form of the rim suggests a lid, which was not found. S 1815 is seen to be similar, and each of the types had a fragment from another locus identified with it. The chronological range covered by the group most likely falls within *ca.* 1000-586 B. C. Parallel material is lacking.<sup>91</sup> S 1816 appears to be a fragment from a strainer type of vessel. Strainers have a long history, although this type seems to be mainly from EI and MI.<sup>92</sup>

§ 60 Several objects possibly of cultic significance follow. S 1817 might be a small votive stand or altar. The two TN examples are from loci dating between 700-500 B. C. S 1818 is a rattle. Fragments of twelve others were found at TN and their chronological period is *ca.* 750-400 B. C. Parallel material shows them in MI, EI, and LB. Frequently they are referred to as child's rattles or toys,<sup>93</sup> but some skepticism has been expressed about such use.<sup>94</sup> Then, they are given fuller treatment as cult objects.<sup>95</sup> S 1819 is not too large to be part of a kernos ring,<sup>96</sup>

<sup>84</sup> Some references not listed with the parallel material are: *AAS* 12, pp. 31, 87; *OIP* 26, p. 34; *M* I, 163, § 23. See also the discussion of figurines, vol. I, chap. XIX.

<sup>85</sup> *AAS* 12, p. 31, pl. 8: 3. Note also *M* I, 163, § 23.

<sup>86</sup> *AS* V, 156.

<sup>87</sup> *M* I, 88. Also well known at 'Ain Shems and TN.

<sup>88</sup> *PP*, table facing p. 106.

<sup>89</sup> Aside from the parallel material, see *Gerar*, 18, 30, and *OIP* 26, pp. 23 ff. for discussion and also *MJ* 18 (1927), 435; 19 (1928), 157; 20 (1929), 59 ff., 68, 69, and fig. on p. 57; *AS* V, 156; *TA* I, 8. See vol. I, chap. XIX, vi, 5.

<sup>90</sup> *Tombs*, 26, 56, pl. 20: 1.

<sup>91</sup> See *OIP* 26, pp. 18-23 for related material. However, 19 fragmentary examples were noted (not drawn) at TN, a few of which could be from censers. The remainder are more likely from strainers similar to S 1816. The histories of S 1814-1816 are not changed by the 19 fragments mentioned.

<sup>92</sup> Aside from parallel material some other references are: *MJ* 20 (1929), 69, fig.; *AAS* 13, p. 81; *AS* V, 135; *M* I, 168 § 54.

<sup>93</sup> *BAS* 23, p. 7; 31, p. 10; *APEF* 2, pp. 56, 89; *MJ* 18 (1927), 435; *TF* II, 25.

<sup>94</sup> *G* II, 305 f.; *PEQ* 1933, p. 195. See vol. I, chap. XIX, x.

<sup>95</sup> *OIP* 26, p. 25 f.

<sup>96</sup> See *OIP* 26, pl. 16. Note S 1646, above, § 21.



as its shape suggests. Shape and finish of S 1820 indicate it could be one corner of an altar base. Similar fragments have been noted but not drawn.

§61 S 1821-1822 are puzzling. The former might be a fragment from the side of an altar stand seen from the top, and the latter could be from a chalice. S 1823 is a large example from a series of twenty-six at TN. Similar objects have been offered as draughtsmen.<sup>97</sup> They are known at least for the Iron Age. S 1824-1825 appear to be stoppers. S 1826-1827 seem to be from tub-like vessels, judging by the Megiddo parallel. Their history is uncertain, but examples from MI are known. S 1829 could be from a somewhat similar tub. S 1830 is an isolated example. S 1831 is a kind of stand and could be the base of a chalice. S 1832 is uncertain. S 1833 seems to be a fragment of a jar built up by the coil technique. S 1834 is a potsherd with decoration in applied relief. This and another fragment are uncertain, but a late MI or LI date seems indicated. S 1835-1836 also have some applied relief further treated by incising or impressing. They fall within the same period. S 1837 was taken to be a portion of a double vessel, and three other fragments of uncertain date were compared with it. However, the type might well be a fragment from a three-handled jar with spout. S 1838 is a portion of a handmade double vessel from an early EB locus. Handmade double vessels of different kinds and probably mainly from the upper half of EB have been found at other sites.<sup>98</sup>

§62 A few pieces of imported pottery remain. S 1839 is discussed under Greek pottery.<sup>99</sup> S 1840 comes from a locus dated *ca.* 700-586 B. C. The one parallel example also can be placed within MI but earlier in the period. This is really a bottle type as is S 1841. The latter is carefully and realistically formed pomegranate vase, and is one of the best pieces of pottery found at TN. Ware and finish are of fine quality. S 1842 is a terra sigillata fragment of an inferior quality, the impression being poor. One other fragment of this general type of vessel was found at TN.

## 11. FINISH AND WARE

Although aspects of finish and ware have been treated under each classification of pottery, a summarizing account might prove helpful. Much of the evidence of finish has been destroyed or damaged by weathering. This is especially true of paints, slips, and washes.<sup>100</sup> Impressed and incised designs were not so easily obliterated.

The EB pottery shows the decorative techniques common to the period. Examples of incising, impressing, rope-ridge, scalloping, burnishing, wash, slip, and painting are noted. Some examples are illustrated on pl. 85, but reference to the illustrations of the early tombs at TN will afford a wider representation. Those finishes especially subject to weathering were probably in greater proportion than now shows in the pictures.

Only a small amount of MB pottery was discovered. It included examples of burnishing, white-filled incisions, and possibly some examples of scalloped ridges.

It is not entirely clear that the next representation is of EI; some of the materials could well be LB-EI, as has already been observed in connection with the discussions of particular classes of vessels. The use of slip and various types of burnishing is common, and some examples of incising and wash are noted. The indications are that the EI is the most important period for painting at TN, although it is relatively unimportant. Greater definiteness is not warranted on account of the disturbed stratification. However, painted decoration is rather common in Ts. 32 and 54, and much more was probably weathered away. Also a number of Philistine sherds (pls. 80, 86) were found. Then, some of the painted sherds are clearly from EI or even LB-EI types, and some of the designs are in harmony. Aside from these and the Philistine sherds, most of the painting was in bands of red and brown.

The MI has some representation of painting, mostly in simple bands. Incising and impressing are less frequent, but a kind of spiral ribbing on flasks and bowls increases in frequency as the period advances. Wash is more frequently found. Burnishing is common, especially spiral or ring burnishing.

<sup>97</sup> *AAS* 4, p. 17.

<sup>98</sup> *MJ* 24 (1935), pl. 5: 6; *Syria* 16 (1935), pl. 58: 13; *TH*, 43; *MMC*, pl. 3: 93.

<sup>99</sup> See von Bothmer, vol. I, chap. XV, and *BAS*, 83, p. 26.

<sup>100</sup> Engberg has noted that paint used was of such consistency as to be relatively impermanent in Palestine, *MT*, 155.

It was not possible to determine the lower limits of ring burnishing, although it continues to be common in the 6th cent. B. C. In connection with bowls, it was observed that due to the effects of weathering, especially among the tomb groups, TN has less information to offer concerning the chronological significance of burnishing than might have been expected. But the information that is available seems to support in general the observations made by Albright on this subject,<sup>101</sup> and is in substantial agreement with conditions at Megiddo.<sup>102</sup>

It is not unlikely that some use of ring burnishing was made in LI. Other burnishing is found, but it is not particularly common. Neither is painted design. Slip is found.

Another technique now appears to have had its beginning in LI. Reference is to triangular impressed design.<sup>103</sup> Recordings were made of 103 sherds having triangular impressed design alone or in connection with circular impressions. The maximum range for the common phase of these impressions cannot yet be given with exactness. The article already cited listed some parallels attributed to the Hellen. period. The best information on the earlier phase comes from TN. Association with later groups such as Cis 304 and 361 as well as room groups with single *lemelekh* and *mšh* impressions offer strong evidence for occurrence in 5th and 4th cent. B. C. and probably the 6th; for the room groups with the *lemelekh* impressions seem best dated to the 7th and 6th cent., because the pottery series contain material later than the 7th and early 6th cent. Associations with a number of room and cistern groups, lacking dating material, but dated to the 7th and 6th cent. by comparative and statistical methods, strongly support the contention that the common phase for triangular impressed design began sometime in the 6th cent. The evidence on 40 examples of circular, round, and miscellaneous impressions is substantially the same. So it is possible that impressed design, especially triangular, is a characteristic finish of LI. Nevertheless, it must not be forgotten that the impressed baking-plate appeared in earlier periods, and bowls

with deeper triangular pits are possibly earlier than the 6th cent.

Among the later sherds are various examples of ribbing, a few of rouletting and stamping, as well as painting and slip. Naturally the most common type of finish in all periods was wet smoothing.

Of the three major characteristics of Palestinian pottery, form, finish, and ware, ware has received the least attention in recording and interpretation. Consequently, the full significance of ware remains to be settled. Although the TN records, for the most part, have been quite full and the descriptions reasonably standardized, they are probably not of the kind for the most comprehensive analysis of physical properties. Still a very extensive collection of sherds holds forth the possibility of such study in the future. However, some more or less general observations on ware are feasible.

The ware of the EB and early MB is usually rather soft and often is mottled in appearance. The indication is the firing was insufficient and irregular. Colors are mainly light browns and light orange-browns with gray spots where the oxidation was poor. Levigating varies somewhat between types of vessels, the smaller ones being better levigated. But generally the fabrics are rather granular and not to be confused with any later ware excepting locally made modern Arabic sherds.<sup>104</sup>

The earliest fabrics of the Iron Age are among the worst for the remainder of TN's history.<sup>105</sup> Progressive improvement follows in levigating and firing. By the time of late MI and early LI most of the ware is hard fired and much of it very hard. In general the most careful levigating occurred in the LI and Hellen. periods. But further distinctions of levigating within periods are to be noted between classes of vessels. The cooking pots constitute a class apart in any period. As a rule they have more grits than any other class of vessels for similar periods, and the grits are likely to be of a different kind; silicate grits are common in these fabrics, but are uncommon in others. The large vessels of any period have more large grits than the small ones. Small bowls, juglets, and other small vessels have well levigated ware in most cases regardless of period. So

<sup>101</sup> AAS 4, pp. 21 f.; 12, pp. 66 ff., 69, 85 f.; APB, 105 f.

<sup>102</sup> M I, 164.

<sup>103</sup> See for an earlier and more detailed discussion, BAS 80 (1940), 13-17.

<sup>104</sup> AAS 13, p. 58, note 3.

<sup>105</sup> See also comment on TBM, AAS 12, p. 59.

it is mostly the large and medium vessels which show the progressive improvement in levigating throughout the Iron Age. By the time of LI even the zîrs are quite well levigated, and only a few large and medium grits are to be found.

A word about technique is appropriate here. Almost all of the vessels of the EB were handmade,

while practically all of the Iron Age were wheel made. Some differentiation on the basis of technique was made when studying bowls (p. 38). This is a field of investigation which offers considerable promise, but is only beginning to receive the attention it deserves.

## CHAPTER V

# HELLENISTIC, ROMAN, AND BYZANTINE LAMPS

C. C. McCOWN

### PECULIARITIES OF TELL EN-NASBEH LAMPS

ALMOST ALL of the late lamps found by the expedition come from tombs belonging to the Byzantine settlement at Khirbet esh-Shuweikeh. The chief exceptions were found in Ci 183. The most striking fact which emerges from a comparison of these lamps of Hellenistic, Roman, and Byzantine times with those from Egypt, Syria, and Greece is the extent of the differences. One prominent feature in Palestinian lamps in general and those of Kh. esh-Shuweikeh in particular is the large oil hole in place of a central, usually depressed discus. Only one lamp found at TN (T. 14, M 1589, fig. 21: 2) has the depressed discus decorated with figures in relief which is such a characteristic feature of Roman lamps. In this regard the earlier lamps from Antioch published by Waagé<sup>1</sup> have a much larger percentage with the discus and small oil hole than do Samaria, Gezer, the other Shephelah cities,<sup>2</sup> and Jerash.<sup>3</sup> In all of these cities the decorated discus was almost as rare as at Tell en-Nasbeh. At Beth-zur none appear to have been found. By contrast a great number and variety were found in a Roman cistern at Beit Nettîf.<sup>4</sup>

The lamps with a round body shouldered on both sides of a long spout, which are so common in Egypt and appear also at Samaria and the Shephelah cities, are entirely wanting at TN and Kh. esh-Shuweikeh. The lamps with a knob, or lug, on the side—Petrie's "dolphin" type—which were found in great numbers at Roman Ehnasya and appear also at Gezer, the Shephelah cities, and Samaria, are likewise wanting at TN except in one cistern (183). The numerous types of huge bulbous lamps which Petrie calls

"frog," "boss," "corn and palm" lamps are practically unknown in Palestine. Petrie's "stem" lamps (*Rom. Ebn.*, pl. 64) are wanting. The "neck" lamp appears in one example (T. 22, S 1650). Of "grooved" or "channeled" lamps, which appear in an endless variety at Roman Ehnasya, only one closely resembles the similarly constructed lamps of Kh. esh-Shuweikeh. Moreover the TN expedition found very few such lamps, although they were fairly common at Gezer and Samaria.<sup>5</sup> In one peculiarity Kh. esh-Shuweikeh tombs resembled those at Gezer, in the superabundance of molded lamps decorated with rays radiating from about the oil hole.

### I. COVERED, WHEEL-MADE LAMPS

Three and possibly four distinct types of covered, wheel-made lamp appear at TN and in the nearby tombs.

A. One (S 1647) is much like certain wheel-made lamps found at Corinth, Antioch, and Gezer. The two specimens of this type from TN have a round wheel-made body with a conical lump of clay applied for the nozzle. The wick hole, made by punching a round pencil-like object through the cone, assumed an oval shape because it was on the upper side of the pointed cone. The oil hole is relatively small. Its edges instead of being surrounded with a rim or ring marked off by a circular line, as in the Corinth, Antioch, and other Palestinian types, has surrounding it a lip which is slightly arched and thinned out toward its edge. The bottom is a flat disk slightly shaped down from the body.

Both specimens were apparently found in undatable contexts since no definite find-spot is recorded. Nevertheless they are included, since they

<sup>1</sup> *Antioch I*, pls. 7-10. See below, type II B.

<sup>2</sup> *Samaria I*, pp. 320-23; *Gezer III*, pls. 72, 98, 109, 120; *Excavations in Palestine*, pls. 62 f.

<sup>3</sup> As yet unpublished.

<sup>4</sup> *QDAP* 5 (1936), 3-10, pls. 6, 7.

<sup>5</sup> *Roman Ehnasya*, pl. 62: 97; note pls. 61, 62; cf. S 1675; see *Gezer III*, pls. 99, 101(a), 108, 110, 111, 112, 118; *Samaria II*, pl. 89 g.

seem to be rare. The one drawn (pl. 72) is from 'Attarah.<sup>6</sup>

B. The second type of wheel-made lamp found at TN (S 1648, figs. 21: 19, 22: 5) is very thin and plain, and has something of the elegance of simplicity. There is no handle and no base, the bottom being merely flattened; the sides curve up in symmetrical, well-rounded fashion; the flat top has a high, thin ridge around a thin, narrow ring which surrounds the oil hole. The nozzle flares out sharply about the wick hole and is cut off in a rather wide curve, which sometimes is far from symmetrical. Both its sides and ends seem to have been trimmed with a knife, in some cases the bottom also.

The number found in the Kh. esh-Shuweikeh tombs is surprising, when compared with the few recovered at other excavations in Palestine. It is perhaps to be explained on the ground that the settlement from which the burials came was poor, and these lamps were easily, quickly, and cheaply made.

One point of interest is to be mentioned: All of the Gezer tombs in which they were found were *kokim* tombs. At TN Ts. 2, 4, 6 and 8, which accounted for 13 specimens, were *kokim* tombs, and T. 4, with its coin of Herod Archelaus, suggests a Hellenistic-Roman date. However, they were found in T. 14, T. 15, and T. 71. The largest number (9) came from T. 6, which had also specimens of types I D, II D, F, G, H, and J. It is perhaps, worthy of note that the tombs which had numerous examples of types II E, F, and G (Ts. 13, 19, 22) had no specimens of group I B.

At Corinth and at Antioch there are no parallels. At Samaria Dr. Fisher registered five examples which he classified as Greek. At Gezer there were four tombs containing a half-dozen such lamps (Ts. 8, 76, 124, 189, all with *kokim*). None has closely datable objects but T. 189, which had a coin that might be of Claudius. In all but T. 124 the other lamps were of the round sort with very short nozzle (II B, S 1652) or of the flaring volute type (II C,

S 1653, 1654) belonging probably to the first three Christian centuries.

At Beth-shan several were found but, apparently, they are dated from Galling's article and his examples are taken from the (mostly undated) tombs at Gezer. While there are no wheel-made lamps of this type at Corinth, Broneer's type xxii, which belongs to the period between the 1st cent. B. C. and the 3d cent. A. D., is almost exactly the same in outline. These Palestinian lamps are merely perfectly plain, unornamented representatives of that type and are a cheaper substitute for it.

The best evidence available for the date of this type of lamp comes from Jerusalem, where Crowfoot and FitzGerald found its distinctive "bowed nozzle" in one context that was Hellenistic with almost no later intrusions (R. 41), but also at the Byzantine Street level "and occasionally at other levels." At Samaria Fisher found it in what he regarded as a Greek level.<sup>7</sup> At Gezer some of the four *kokim* tombs (8, 76, 124, 186), in which it appeared, included a wide variety of forms and may have been in use from Maccabean to Byzantine, or at least Christian times. FitzGerald and Galling are, therefore, probably right in concluding that it continued in use during this long period.<sup>8</sup> It should not, however, be designated as "Byzantine."

Since the TN and Gezer specimens are usually found in *kokim* tombs and are not found with definitely Byzantine lamps except in tombs with a large variety of lamps (Gezer, T. 124, TN, T. 6), it seems legitimate to suppose that they are not Byzantine but Hellenistic, Hellenistic-Roman, and Roman, i. e., 100 B. C. to 300 A. D.

C. The third type of covered, wheel-made lamp (S 1649) is represented by a single fragmentary example from T. 19 (x42). It is perfectly plain, almost perfectly round, with a slight projection (*ca.* 5 mm.) to make room for the wick hole, and a pointed knob handle projecting upward and backward about the same distance. There is a rudimentary disk base; the sides slope up with only a very slight curve and the top is only very slightly arched,

51, fig. 42 (best parallel). No profiles of these lamps (except the last) are like those of the two very similar specimens from TN.

The plates referred to are in vol. II, the figures in vol. I.

<sup>7</sup> S I, 319 (VIa), II, pls. 81 f.

<sup>8</sup> APEF 5 (1927), 90; Galling in ZDPV 46 (1923), pl. 3: 8.

<sup>6</sup> For parallels see *Corinth*, IV, ii types vii-ix, pp. 43-49, pls. 3 and 4, 4th-3rd cent. B. C.; type xi, pp. 51 f., pl. 4, 3rd-2nd cent. B. C. The nearest parallels are nos. 112 and 126, type vii, but the profiles are different. *QDAP* 2, p. 103, fig. 92, pl. 36 (1002), from Tomb L 35 (4th cent. B. C.?). *Gezer* III, pl. 97: 1-5; I, 340 ff., T. 103, not datable. *Antioch* I, 58 f., pl. 7, 1924; *Samaria* I, 318, Greek lamps, type ii, fig. 188; vol. II, pl. 81 b; *Beth-zur*,

but has a high ridge about the oil hole with a 5 mm. lip sloping downward inside.

It is a lamp which in general shape resembles type II B very closely, differing only in that it is wheel-made and without ornament. It is, then, a cheaper substitute for the II B lamp. No close parallels have been discovered. Some may have been found at Gezer, but the outlines published in the plates (e. g. 93: 1; 101: 3; 109: 11; 116: 6) do not permit identification. There is a slight resemblance also to the lamps of Broneer's types xxxiii-xxxvii,<sup>9</sup> but also with his early wheel-made types,<sup>10</sup> although all these lamps have a much more noticeable nozzle. Since T. 19 has lamps of a great variety of types and was in use from exilic or pre-exilic times on, it is impossible to date this fragment.

D. The single imperfect representative of this type (S 1650) is of good, hard ware, burned red. It was made in four pieces: a round rather low body, a neck placed upon the body to hold a larger supply of oil, a conical nozzle something like that of I A except that it is flattened out horizontally, and a handle, now lost, but apparently consisting of a loop. The bottom is practically flat, without either ring or disk.

Exact parallels I have not discovered, but Petrie portrays several which are nearly like this one, except that the loop handle does not coalesce at its points of attachment.<sup>11</sup> The Egyptian examples are dated between centuries 4 and 7.

Tomb 6, from which this lamp comes, includes a considerable variety of lamp forms, nearly all somewhat peculiar, except the I B form, of which it had nine examples; it has the small round Roman lamp (II B) and several with crosses. Apparently, therefore, it covers a considerable period of time, and the I D type may well belong to the centuries (4-7) covered by the similar lamps at Ehnasya.

## II. MOLDED LAMPS

A large number of types of molded lamps might be distinguished if minor differences were accepted as criteria. However, the actual number of lamps found is not sufficient to permit any exhaustive classifica-

tion, while it is certain that, if there were a larger number, major differences would eclipse the minor peculiarities which now seem notable. As it is, twelve types have been distinguished, chiefly by criteria of form. The sub-types are distinguished by minor differences of shape and size or by differences of decoration. Types E to K (S 1659-77) are almost without exception rayed lamps, with a few showing a herringbone or chevron pattern.

A. As noted above, only one locus at TN (Ci 183) produced any "dolphin" lamps, in this case one whole and several fragmentary specimens of good, hard, buff ware covered with red or red and black paint above.<sup>12</sup> They appear to represent an imitation of "Samian" ware. A late saucer lamp, a jar handle with sun-disk stamp, and the preponderance of lamps of the I A type point to the period just before and after the Exile as the time when the cistern was first in use. Mr. Wampler would place its final major phase between 450 and 250 B. C. (see vol. I, chap. XII, iii).

At Corinth, Broneer places similar round, wheel-made lamps, with a small knob, or lug, on one side, in his type ix; which, he believes, came into use in the third century B. C. The Corinth lamps were at first wheel-made, but one molded lamp of this type appears. Such lamps were found at Gezer, the Shephelah cities, Samaria, at 'Athlît in Hellenistic tombs, and at Beth-zur in a similar context. There is no reason to date it later.

The TN specimens are all practically without molded decoration. The one complete specimen has a single impressed line at the base of the nozzle on each side, like one Gezer lamp (III, pl. 83: 31), which has three such lines. One small fragment of a top with an impressed tongue and dart motive is notable. It must be taken as representing a third subtype because of its decoration, which resembles terra sigillata. Types 2 and 3 differ from 1 in having the ring about the small oil hole sloping downward instead of standing horizontal.

B. Class B is one of the most common types in the Roman period. Usually in Palestine and especially at TN it is a low, perfectly round, handleless

<sup>9</sup> *Corinth* IV, ii, pls. 23, 24.

<sup>10</sup> *Ibid.*, pls. 1-4.

<sup>11</sup> *Rom. Ehnasya*, 13a, pl. 69: 40-70.

<sup>12</sup> T. 6 has an uncertain fragment (x40) which may belong here; see vol. I, chap. XI, i, 6.



bowl with a large filling hole and a very small, round nozzle which projects very slightly (10-15 mm.). There are usually rudimentary remains of volutes decorating the top of the nozzle on each side. The oil hole is bordered by a low ridge ring. What remains of the cover has decorations of disks, ovules, radiating lines, or chevrons. Some have been painted on the upper surface in red or reddish brown. One (T. 14, x35), a fragmentary specimen, is almost without decoration except for a few straight lines and circles on the base as well as the upper part. A little paint was applied about the oil hole. It is of unusually good paste and its simplicity gives it elegance. Another fragment (T. 18, x1) had a corrugated base and an elaborate ovule motive around the oil hole. It seems to have been covered with a light green paint.

Only one specimen of the very common, small covered lamp of this shape but with a decorated discus and a very small filling hole was found at Tell en-Naşbeh (M 1589, T. 14, fig. 21: 2). All told, nine specimens of B type were found in Ts. 6, 14, 18, 19, and 26.

The type appears at practically every cemetery of any extent, or where any considerable number of lamps was found: at Karm esh-Sheikh; and the Y. M. C. A. cemetery in Jerusalem; in the Ophel excavations; in several tombs at Gezer,<sup>13</sup> many with the depressed and decorated discus, others with the large filling hole; in the Roman cisterns at Beit Nettif, at Antioch, and at Samaria.<sup>14</sup>

This type was found on the grounds of the Jerusalem Y. M. C. A. in tombs which could be dated, in one case by coins to the third century, in another to the second and third century, and in stratified contexts on Ophel which place them not later than the third century.<sup>15</sup>

Similar lamps in Ts. 4 and 5 at Jerash belong to the second or third century.<sup>16</sup> The Roman cisterns at Beit Nettif belong to the first three Christian cen-

turies. Waagé also dates such lamps in the first or second century A. D. It seems safe, therefore, to place the type before 300 A. D.

C. Only one example of this lamp was found and that imperfect, but with only minor fragments missing (M 1591, T. 14, x12, S 1653). It is thin, hard, light-brown ware. The distinct volutes on the sides of its neck mark it as related to Broneer's Roman type xxii,<sup>17</sup> which belongs to the first century A. D. It differs, however, in having a fairly large filling hole with no depressed discus. Its disk base has two low concentric rings at its outer edge and a prominent round knob in the center which prevents it from sitting level. The lines of the decoration are unusually delicate. At Gezer some lamps of a stubby pear shape have among other decorations a similar band of short radiating lines between two concentric circles.<sup>18</sup> Their shape makes them much later.

D. In the D group (S 1654-58) a variety of forms and designs has been placed together, for the forms all seemed in one way or another to be derived from the previous type, C, but possibly from B. All of them, like C, consist basically of a round body with symmetrically centered filling hole. In all of them the upper half of the nozzle is pinched in at the sides giving the shape produced by the voluted flanges on the sides of the nozzle in type C. In some of them (Subtypes 1 and 2), the rudiments of the volutes still appear. All have a small pyramidal knob instead of a handle. Some (Subtypes 1, 3, and 4) have a raised line, either curved or straight, just back of the wick hole. Some have decoration in high relief (S 1655, 1658, fig. 21: 3) of an amphora, bunches of grapes, and a tree. Others have chevrons, ovules, circles, dots, and evolute spirals. Only two of this shape (T. 13, x17 and T. 33, x8), one of them fragmentary and doubtful, have a kind of rayed decoration. With all their variety they illustrate the transition to the ovoid Byzantine types.

Practically all of the lamps in subtypes 1-3 of the group are heavy. None is remarkably light and thin, as the type B lamp is. Subtype 1 (S 1654) has a flaring, bowed nozzle, and the chevron or herringbone decoration. Subtype 2 (S 1655) has a somewhat enlarged but rounded nozzle. Subtype 3 (S

<sup>13</sup> Gezer III, pls. 71 (T. 9), 72 (T. 23), 93 (T. 99), 98 (T. 117); 99 (Ts. 118, 158); 101 (T. 124), 109 (T. 76); 116 (Ts. 189, 159, 10); 120 (T. 125).

<sup>14</sup> QDAP 5 (1936), pl. 11. Waagé in *Antioch* I, pl. 8: 1877, Roman Group ii, first or early second century A. D.; pl. 10: 1856, Roman Group vi, third century A. D. Fisher, *Samaria* I, 323, Roman Lamps.

<sup>15</sup> QDAP 4 (1935), 72 ff., APEF 5 (1927), 90 f., pl. 17: 5-9, 12-15, cf. QDAP 4 (1935), 173 ff., pl. 83.

<sup>16</sup> Fisher in *Gerasa*, pp. 557, 559.

<sup>17</sup> *Corinth* IV, ii, 76 ff.

<sup>18</sup> Gezer III, pl. 104: 4, T. 147; pl. 108: 1, T. 156.



1656) is short and stubby. It is represented by a specimen (M 1167) in tomb 4, in which a coin of Herod Archelaus was found, and this lamp may, therefore, be set down provisionally as Hellenistic-Roman, although it may have been long in use, and its connections are chiefly with later lamps (see T. 23).

Subtype 4 has a long, narrow sharply rounded nozzle and a double ring for its base. Subtype 5, consisting of two fragmentary and somewhat doubtful specimens, has a still longer nozzle, the upper part decidedly shaped in. The ware in both is thin, fairly soft, inclined to flake badly, and burned a light pink color. The most elaborate specimen of type II D 2<sup>19</sup> was covered with a red paint on a fine buff paste which seems to imitate "Samian" ware.

It should be noted that the largest number of D type lamps, 10 in all, came from T. 33, chiefly from its loculi, and the conclusion seems justified that they represent an earlier type than types G, H, I, and K, which were found in the central pit of the tomb and were in part Christian. They were associated in the loculi only with multiple-wick lamps (type L). In Gezer Ts. 36, 65-73, 99, the same association of type D and type L lamps appears.<sup>20</sup>

E. Types E-I are alike in being usually decorated with rays and in having a pear shape with a somewhat pointed nozzle. Except for a few in subtypes 4, 5, and 9, type E lamps are all large, running to about 100 mm. in length. Aside from the great multiple-wick lamps (type L), they are the largest found. The ware is much the same in all, of a well-leigated paste, fairly soft, baked to a pink, orange-red, brown, or buff color. The various subtypes were classified partly according to the neck decoration; whether a "candlestick" (1, 4), a candlestick deteriorated into a high ridge with unattached rays beside it (2, 5), or a cross (7, 9). One subtype (3) is distinguished by having three concentric rings—not very well made—about the oil hole, and one of these (S 1640) has a double-ring base. Another has a cross on its handle (9). Still another (10) is smaller, has a single ring about its oil hole, a more delicate decoration, and an arched and upward-pointing neck. Type 6 has a debased inscription in place of the rayed decoration.

Lamps with rays, or "radial stroke" decoration, in relief and of the shapes most common in the Kh. esh-Shuweikeh tombs are not conspicuous in Egypt, at ej-Jish, Samaria, Beth-shan, Jerash, or Antioch, or in Asia Minor and Greece. But they are common at Jerusalem, Beit Fajjâr, Gezer, the Shephelah cities, all in late Roman or early Byzantine loci. Aside from the one example at el-Başşeh, these types appear to be confined to the neighborhood of Judea.<sup>21</sup> Certainly they appear there in the largest numbers. The lamps with "radial stroke" decoration have usually been supposed to belong exclusively to Byzantine times, to the sixth century or later. The evidence does not warrant so late a date,<sup>22</sup> but apparently they cover a considerable period.

Lamps of this type appear at Gezer in Ts. 99, 128, 129, 147, 155, 160, 167, 176, 182, 193, 194, 196, 206, and 208. Of these tombs, no. 99, which Mr. Iliffe would date in the fourth century, contains only two type E lamps. Its probable contemporaries, Ts. 36, 40, 65-73, 117, 124, and 134, contain no type E lamps but many of type B, which, it is plausibly argued, was going out at the end of the fourth century, and all of them, except T. 117, have other types (e. g., F) with radial strokes, and T. 99 has many such. Of the other tombs which have type E lamps several have large numbers: nos. 160 (13), 167 (47), 193 (27), 196 (26), and 199 (24). Tombs with coins to suggest a date are nos. 99 (coins of Constantine I, 306-37), 155, which has one E lamp and a coin of Constans (337-50), 193, with two small copper coins, one of which is of Constantine I, and 206, which has four type E lamps with a coin of Justinian (527-65).

Examples of the triple-ring type (E 3, pl. 41: 3-5) appear in the tomb at St. Stephen's Gate, in the Tyropean Valley, in the American School of Oriental Research grounds, at 'Ain Yebrûd (?) and at Gezer in Ts. 18, 134, and 160 (that of Stephanos Philochristos)<sup>23</sup> and were, therefore, certainly in use in the fourth and fifth centuries.

<sup>21</sup> One el-Başşeh lamp (QDAP 3 [1934], 85, fig. 2) was a type manufactured at Jerash. Was el-Başşeh merely a caravan city? Numerous varieties with straight strokes radiating from the filling hole appear in Hellenistic, Roman, and Byzantine times, but they have a very different appearance, see *Samaria* I, 320-25, II, pls. 81, 89 g. The strokes seem impressed or incised.

<sup>22</sup> Cf. QDAP 3 (1934), 84 ff., 4 (1935), 177 f.

<sup>23</sup> QDAP 6 (1938), pl. 42 (left side); APEF 5 (1927), 91, fig. 18; BAS 47 (1932), 29; QDAP 6 (1938), pl. 8: 11 (?);

<sup>19</sup> Fig. 21: 3, M 1592, T. 14.

<sup>20</sup> See the discussion under T. 33, vol. I, chap. XI, ii. 2.

Types E 6 and 9 were found in the shaft tombs near the Tombs of the Kings with 3d-cent. lamps of the round type (II B), and one appeared with II B lamps in the closed 2d-3d cent. tomb on the Y. M. C. A. grounds at Jerusalem. One appeared in the el-Başseh tomb which seems to have been undisturbed after about 400 A. D. and two (E 3 and 6) appeared in the tombs excavated in 1932 on the property of the American School of Oriental Research in Jerusalem along with coins of Anastasius (490-518 A. D.). In the excavations on Ophel and in the Tyropean Valley in 1927, they were found in the strata below and in the "Byzantine Street level" which dates before the Persian invasion of 614 A. D. Whether they were used after that time is not clear, but certainly, if the Ophel chronology is correct, they were in use for over 300 years (300-600 A. D.) and were certainly popular in the fifth and sixth centuries, but possibly equally so in the fourth century.

F. The F type is in many regards only a smaller variant of the E lamp. However, its molds were almost never so well made as those of the E lamps, its nozzle frequently points up, and its wick hole is usually surrounded by a flat disk which, in turn, has a ring ridge about it. The oil hole in many specimens tends to move backward, off center, and in others the back curve flattens markedly (4 and 5). Intermediate specimens are difficult to classify. The F 1 and F 4 varieties include those with a "candlestick" and others on which the branches have become separated as in E, but the difference is not sufficiently clear-cut to justify different subtypes. At Kh. esh-Shuweikeh a much larger number have a cross on the neck than among the Type E specimens and the cross tends to deteriorate. Were the Christians poorer than others, or is the small type later?

Lamps of the F type were probably contemporary with the E lamps, merely serving as cheaper substitutes. The three Kh. esh-Shuweikeh tombs which preserved the largest number of lamps, Nos. 13, 19, and 22, all had numerous examples of both E and F lamps, while 19 and 22 had also many of the G type. At Gezer doubtless the same thing is true, but the descriptions are not sufficiently detailed to distinguish the larger and better from the smaller and

poorer lamps in the tombs with the largest numbers, Nos. 167, 193, 196, and 199. The third-fourth century tomb, No. 99, had two specimens each of E and F. No. 160 had 12 or 14 of E, but none of F, if all have been drawn to scale. However, the shapes show the flat-backed variant of the F lamps and they are connected with many channeled lamps of the J type, which appears to be later. In the shaft tombs near the Tombs of the Kings in Jerusalem one F specimen appeared with two E and 7 B lamps.<sup>24</sup> In the 'Ain Yebrûd tomb with its Constantinian coin and a probable fourth-century date, among the 23 lamps shown in the plates there were 19 which may be said to have the radial stroke decoration and all types from D to I were represented. Several (8 or 9) have a cross in some form. Of these 14 may be classed as F lamps, half of them of a type quite different in decoration from any found at TN and Gezer.<sup>25</sup> There seems as yet to be no way to date the F type more definitely than the E type, but the evidence now available points to early rather than late Byzantine connections with a beginning in the Roman period. The presence in T. 6 of four F lamps along with nine I B lamps, one II B lamp, and one each of types G, H, and I, but no E specimens indicates poverty and probably also a long time spread.

G. Since type G (S 1668-71) is marked chiefly by its flat shape, it is difficult to distinguish in the drawn specimens without profile which appear in many of the publications, and especially at Gezer. Borderline cases, even when in hand, are difficult to classify. Actually type G is a mere variant of the rayed lamp and probably is contemporary with E and F. However the shape is distinctive. It seems to be preparing for the ovoid, slipper type; yet its sides along the neck do not bow out decidedly, but run fairly straight to the nozzle end which is never pointed but is usually sharply rounded, and rarely is quite blunt. Subtypes have been determined by the shape of the back of the lamp and by the decoration on the neck. The cross is a favorite decoration.

H. Lamps of the H type (S 1672) number only five, all told. They are distinguished by their greater depth and their ovoid shape, and usually by a pronounced knob for a handle and a double ridge,

Gezer III, pls. 72, 101 (a), and 120 (if I have understood the drawings).

<sup>24</sup> *QDAP* 4 (1935), pl. 83: 7.

<sup>25</sup> *Ibid.* 6 (1938), pls. 7, 8.

straight or curved, back of the wick hole. Each has a different kind of decoration. None of the five shows the cross. One specimen (M 1865, T. 33) is peculiar in that the radial strokes run back rather than forward, as if radiating from the neck, not the oil hole. It might, therefore, be classed as a subtype (2). Type H lamps always appear along with type G lamps, except in T. 23, where only one other lamp (II D 3) was found. No other correlation appears at TN, and it can only be said that elsewhere they appear with the other types of rayed lamps.

I. Type I (S 1673) differs from type H only in being lower and flatter, and much wider near the wick hole. It therefore more nearly approaches the egg shape, ovoid or oval, which was favored in later Byzantine times. Only four specimens are so classified, one of which (M 1657, T. 22, pl. 40: 19) because of a peculiar neck decoration, might be put in class H. Two are decorated with crosses (M 1607\*, S 1673, M 1861, pl. 42: 16), and one has lost its decoration by scaling. In T. 15 the type specimen (M 1607) appears with two I B lamps. In T. 22 two are found with D, E, F, G, and H lamps. In T. 33, one accompanies D, G, and H lamps.

J. Lamps with a channel, or groove, running between oil hole and wick hole (type J, S 1674-76) are so common all over the eastern Mediterranean area in the Byzantine period that it can only be regarded as almost miraculous that but three examples were found in the Kh. esh-Shuweikeh tombs. A fragment which may belong to this type appeared in T. 6 (fig. 22: 12).

In general they are ovoid or oval in shape, but one most common type, often called the slipper lamp, has the shape of an isosceles triangle with a broad rounded base. In many the nozzle is pointed, in others round, and they have a great variety of profiles and of decorations. Evidently they cover the entire Near East and the period from the 4th to at least the 7th cent. It can hardly be, therefore, that they are missing here merely because they were unduly expensive or, by some quirk of local fashion, were not approved. At Jerusalem, in the Tyropean excavations, with the exception of fragments in Rooms 36 and 37, they belong to the sixth and seventh centuries. It seems at least possible that they are wanting at Tell en-Nasbeh because the tombs as

yet excavated represent mainly fourth and early fifth century occupation, and that this type had not yet made its way to favor in the Judean area.

The three specimens found differ so pronouncedly among themselves that each has been assigned to a separate subtype. Subtype 1 is essentially a large I lamp, subtype 3 is an E lamp with longer and blunter nozzle, while subtype 2 (so far as preserved) is a particularly ugly, angular specimen with complicated line decoration.

K. Another type with only three examples has been set down as K (S 1677). It is small and much like the G type lamps, except for its loop handle, which allies it to the multiple wick lamps of type L. It appeared only in tombs which have a great number of lamps, a fact which naturally argues for its rarity but indicates nothing as to its date. At Gezer also it is rare and it does not, I think, appear in the reports of other tombs excavated in Palestine.

From above type K looks like Loeschcke's type vii from Vindonissa, which he places in the second and third century A. D. but its profile is absolutely different, the Vindonissa lamp being very deep.<sup>26</sup> It is perhaps noteworthy that egg-shaped lamps are most numerous in Lyon and Vienne, where there were many Greek-speaking settlers in the second century A. D. No forms which so closely resemble the Palestinian E and F shapes appear at either Corinth or Antioch. In view of the widespread use of the loop handle, it seems strange that so few examples appear in Palestine.<sup>27</sup>

L. The multiple-wick lamps of Judea (S 1678), shaped like a very broad, square-toed shoe, are a really successful artistic venture. They are far from equaling the beautiful trireme lamp of Jerash,<sup>28</sup> but they are surely superior to the square lamps of Roman Ehnasya, the strange triangular specimen of Gezer T. 160, and others found in the Shephelah cities.<sup>29</sup>

The one used as type specimen, from T. 13, was small and quite unimpressive in shape and decoration. Four specimens come from T. 33, two of them (M 1866, 1901, pl. 42: 18, 19) intact but for the

<sup>26</sup> *Lampen aus Vindonissa*, 235 (47) f.

<sup>27</sup> See Waag  in *Antioch* I, 61, and pl. 7; Broneer, *Corinth* IV, ii, pls. 7-20.

<sup>28</sup> *Gerash*, p. 557 and n. 8.

<sup>29</sup> *Gezer* III, pl. 110: 14; *Exc. Pal.*, pl. 66.

handle, another with the handle fully preserved, but the spout gone, a fourth consisting only of miserable fragments.<sup>30</sup> The Kh. esh-Shuweikeh lamps bear the closest relation in form and decoration to some from Ts. 36, 65-73, and 228 at Gezer. One similar lamp was found in the Tyropean excavations at Jerusalem, one in the Beit Fajjâr tomb.<sup>31</sup> It would appear that they are another type peculiar to Judean territory, but the data are not really sufficient for such a conclusion.

The decorations on these lamps connect them with T. 99 at Gezer, which on various grounds is seen to be of about the same date as T. 33 of Kh. esh-Shuweikeh and the Beit Fajjâr tomb. At Jerusalem the three fragments of this type would appear to belong to a somewhat later period, possibly the late fifth or sixth century, but there is possibility of error due to the uncertain context in which they were found, and, moreover, two of them are not like the Gezer and TN specimens in decoration. The evidence which Mr. Iliffe has brought together for a 4th-cent. date for T. 99 at Gezer and T. 33 of Kh. esh-Shuweikeh would place this type of lamp in that period, except for the Jerusalem specimens. Further evidence is necessary before the question can be settled.

The fish which is introduced, certainly without either architectural or artistic justification, into the arches of the seven-wick lamp, suggests that the owner was a Christian. It takes the place of the amphorae which are seen in the three-wick specimen. Since other lamps in T. 33 carried the cross, there is no reason why this should not be taken as the Christian symbol.

### III. WARE

A full correlation between form, decoration, and ware does not always appear. However, there seems ordinarily to be some connection. The two examples of type I A (S 1647) are almost identical in ware. All of the examples of type I B (S 1648) are in a fine, smooth paste, and are usually hard. Some are a buff or beige color, but the majority orange.

The "dolphin" lamps, those with a lug on the side (II A, S 1651), all from Cistern 183, seem to be an imitation terra sigillata ware, one only (x53)

being a good imitation, or an importation. In type II B (S 1652) a variety of wares appears. The type specimen, M 1108, and M 1588 (fig. 21: 1), though from different tombs, are almost exactly alike in ware, form, decoration, and coloring (wash).

In type II D (S 1654-58), three specimens in subtype 1 are similar in ware, while one (T. 33, fig. 23: 2), though belonging here as to shape, is nearer M 1822 (S 1655) of subtype 2, in ware and decoration. The other two specimens are of a very much better ware and technique in decoration, being either imported or excellent imitations of sigillata ware.

In type II D 3, one specimen (T. 23, x2) is a poorly baked replica of the type specimen, M 1167\* (S 1656) from T. 4, while the 'Atṭarah specimen (x2) is likewise of a poorer clay, baked to a brick-red color. In type II D 4 (S 1657, pl. 42: 13\*) there is a variety of wares. The fragments T. 22, x29 and 30, are of a very hard, gray, metallic ware. The two specimens of subtype 5 are in a soft, fragile pink ware.

The greater proportion of type II E lamps are of a similar clay, of much the same hardness, baked to a light brown or a buff color. A few (e. g. M 1618, pl. 41: 2) are heavier, harder, somewhat coarser in texture, and fired to an orange-red color. The unique specimen, M 1661\* (E 10, pl. 40: 8), is of a ware that also in texture and color stands by itself. Lamps of type II F, on the contrary, show a greater variety of wares, so far as the firing and color go, but the texture of the clay appears to be much the same.

The type II G lamps, again are much more homogeneous in their firing. One specimen, M 1797, from T. 30, is slightly different from all the others, being finer and smoother in texture, with many fine white grits, while the others have a coarser paste with large and small grits.

In type II H the correlation of wares and shapes is poor; in type II I somewhat better. The three subtypes of type II J have almost no resemblance except in the channel, certainly none as to ware. There is no close similarity between the wares of the lamps in the II K class.

In the multiple-wick type (II L), one small lamp from T. 13 (S 1678) is thin, rather soft, of good paste, light-brown in color, with very few grits, and lacking in smoothness. The large L lamps of T. 33 are entirely different; fairly hard, uniformly fired,

<sup>30</sup> See pl. 41: 18, 19; fig. 23: 10, 11, 17.

<sup>31</sup> Gezer III, pls. 77, 86, 101 (a); *APEF* 5 (1927), 91, pl. 17: 39-41; *QDAP* 4 (1935), pl. 86: 7.

light buff in color, with very many fine brown grits, and with a red-brown wash, a ware exactly like that of M 1592 (type II D 2, fig. 21: 3) and somewhat similar to that of M 833 (type II A 1) from Ci 183 and other pieces that may be intended to imitate sigillata ware. It differs decidedly from another fragment of that ware in Ci 183 (x53), being much coarser and softer, and tending to break in layers.

As a whole the clay used in the lamps was well worked up, smooth, with fine grits. The crudest pieces were I C (S 1649, T. 19), and II J 2 (S 1675, T. 19). As the evidence now stands, I see no criteria for correlating wares and chronology.

#### IV. SUMMARY OF CLASSIFICATION

Plates and figures referred to in "Summary" are in vol. I. Serial numbers are drawn in the plates of vol. II.

##### Type I. Wheel-made

A S 1647 Almost globular body, cone-shaped nozzle, lip of oil hole slightly arched, no decoration, low disk base, no handle. I, pl. 39: 20.

B S 1648 No decoration, no handle, no indication of base; spout flaring, bowed at end; high ridge about fairly large oil hole, with narrow discus, or almost none. I, fig. 21: 19; 22: 5.

C S 1649 Perfectly round, nozzle practically wanting, high ridge about embryonic disk, small knob handle, no decoration, slight disk base.

D S 1650 Wheel made (?); low flat, round body with large cylindrical oil well above, covered by a narrow disk around large oil hole, low, flat, triangular, pointed nozzle, loop handle, flat bottom.

##### Type II. Molded

A S 1651 Round body, thin neck, pointing upward, curving smoothly to body; rather small central oil hole surrounded by narrow discus; a knob handle on the side (Petrie's "dolphin" lamp); colored above (imitation of "Samian" ware?); base disk with large central depression.<sup>32</sup>

<sup>32</sup> Broneer, *Cor.* IV, ii, 47 ff., types viii, ix, "Hellenistic"; type xi, also with knob, is Hellenistic and Roman (p. 51).

1. Discus about oil hole flat, marked by impressed circle; no decoration.

2. Discus about oil hole curving downward; no decoration.

3. Fragment with stamped design on body.

B S 1652 Small, low bowl, perfectly round, without handle, with very large filling hole bordered by a low ridge ring, small nozzle; rather thin, hard ware.

1. Very short nozzle, with rudimentary volutes on top of neck; well rounded sides, decorated above with disks or herringbone pattern; reddish, purple, or green paint on upper half. Pl. 42: 1; fig. 21: 1; 22: 6.

2. Fine buff ware; slight decoration instead of handle; double ring base, line decoration under slightly lengthened nozzle. T. 14, x35.

3. Like 1, but with depressed central discus having relief of dog, very small oil hole at one side. M 1589. Fig. 21: 2.

4. Fairly soft ware, greenish paint; complicated ovule motive about oil hole, base corrugated—concentric ridges. T. 18, x1.

5. Flatter body, top and bottom meeting at an angle, decoration of radial strokes; cross lines on neck, spout lengthened. Pl. 41: 1.

C S 1653 Low, flat, circular; flanged nozzle, splayed to sharp corners with broad arc at end, shown also on bottom; fairly small oil-hole, raised rim of double circles; bottom disk with double circle, protruding central knob; will not stand flat; thin, finely made ware, imitation of metal lamp with voluted flanges on sides of neck; probably imported.

D A series which seem to represent various modifications of II B, and to be derived from Broneer type xxii; marked by a round, rather low body, nozzle usually broad and flat, remains of voluted flanges on sides of neck, ridged line back of wick hole, large oil hole with multiple ring border; small, pyramidal handle; ring base.

1. S 1654 Volute on neck visible, bowed nozzle; chevron decoration on body. I, pl. 42: 11, fig. 23: 1, 2.

2. S 1655 Rounded nozzle; decoration in high

relief; neck shaped, but volutes disappearing. I, pl. 42: 12; fig. 23: 3.

3. S 1656 Stumpy nozzle; neck very slightly shaped; raised parabolic ridge before, high cross line back of, wick hole; decoration curved lines and circles.

4. S 1657 Elongated, slightly shaped neck; narrow, sharply rounded nozzle; double ring base. I, pls. 40: 1; 42: 13; fig. 22: 7.

5. S 1658 Nozzle lengthened; sharply shaped in at neck; broader at tip.

E "Candlestick," or rayed lamps. Large (97-108 x *ca.* 40 x 70 mm.) (except subtypes 4 and 5); pear shaped; sharply rounded nozzle, straight or slightly incurving at sides; irregular ridge ring about wick hole; double ring about oil hole, sometimes triple; high inner ring; single, rather high ring base (except M 1640); stands fairly level; rayed ornament splaying sharply from back; in place of handle a dot, line, crescent, or blank.

1. S 1659 Large; "candlestick" on neck. I, pls. 40: 2, 3; 42: 6.

2. S 1660 Large; high ridge and separate rays on neck. I, pls. 40: 4; 41: 2.

3. Like preceding, but with triple oil hole ring; one (M 1640) with double base ring. I, pls. 40: 5; 41: 3, 4.

4. Small (L. *ca.* 80 mm.); "candlestick." I, pl. 40: 6.

5. Shape and size like preceding; neck ridge and separate rays like 2, single oil hole ring. I, pl. 40: 7.

6. Large; like 3, but with inscription instead of rays on body. I, pls. 41: 5; 42: 6\*.

7. Large, like 1, but cross (*formée*) on neck. I, pl. 41: 6.

8. S 1661 Large, rays made into herringbone pattern on body; parabola about nozzle; cross (potent or Jerusalem) on neck; flattened curve at back. I, pl. 41: 7\*.

9. Large; rays attached to outer oil hole ring; peculiar neck ornament; cross at handle (T. 19, x17).

10. S 1662 Small (1. *ca.* 80 mm.); single oil hole ring; cross fourchée on arched neck; back a flattened curve. I, pl. 40: 8.

F Pear-shaped; sides run straight to sharply rounded nozzle (as in E); wick hole bordered by a flat disk; neck arched; single ring ridge around oil hole; fairly heavy ring base; decoration rays, or "radial strokes"; knob or dot handle much like type E, but much smaller.

1. S 1663 Round back, "candlestick" on neck. I, pls. 41: 8, 9; 42: 2\*.

2. S 1664 Same, cross on neck. I, pls. 40: 9\*; 41: 10, 11; 42: 7.

3. S 1665 Similar shape, but herringbone pattern on body and Greek cross within base ring. I, pl. 42: 8\*.

4. S 1666 Flattened curve at back; "candlestick" on neck; wick-hole disk large. I, pls. 40: 10; 41: 12\*, 13.

5. Like 4, but with cross on neck. I, pl. 41: 14, 15.

6. S 1667 Like 4 or 5; candlestick or cross (deteriorated) on neck; waving lines (= fire) or circles on body. I, pl. 40: 12\*, 13.

G Small, low, broad body, sides running straight to sharply rounded, almost pointed nozzle; rayed (radial stroke) decoration; small disk around wick hole; single oil hole ridge ring; single ring base; dot or blank for handle.

1. S 1668 Round back; "candlestick" on neck. I, pl. 42: 9\*, 14.

2. S 1669 Round back; cross on neck. I, pls. 40: 14-16; 41: 16\*.

3. S 1670 Flat back; "candlestick" on neck. I, pl. 41: 17\*.

4. Flat back, cross on neck. I, pl. 41: 18.

5. S 1671 Shape of a rounded triangle; parabolic ridge before, straight ridge behind wick hole; double-ring base; radial strokes attached to low outer ring about oil hole; cross on neck. I, pl. 42: 3.

6. Shape of 1 and 2; rays on neck; parabolic ridge before, straight or curved ridge behind wick hole. I, pl. 40: 16, 17.

H Ovoid; top portion shaped in slightly at neck like type D; nozzle flattened about wick hole with ridges behind it, somewhat like type D; oil hole with single or double ridge ring; knob (or dot) handle; ring base; radial, chevron, or herringbone



decoration; variety of neck ornaments; body relatively large and deep.

1. S 1672 Sides of neck bulging. Pls. 40: 18; 42: 4, 15.

2. Sides of neck almost straight. T. 33, x16, M 1865.

I S 1673 Small (L. 75 mm.); oval, or egg-shaped; rayed; blunt, rounded nozzle; single oil hole ridge ring; low knob handle; ring base. I, pls. 40: 19, 42: 16.

J Large (L. 97 mm.); ovoid; channel or groove from wick hole to oil hole; usually continuing around oil hole; knob, ring base.

1. S 1674 Radial stroke decoration. I, pl. 41: 19.

2. S 1675 Channel extends only to oil hole ring ridge; complicated line decoration.

3. S 1676 Long nozzle with straight sides and broad end; wide shallow channel surrounding wick hole but reaching only to outer of two rings about oil hole. I, pl. 42: 5.

K S 1677 Small, flat, pear-shaped bodies with loop handle; nozzle bordered by arched ridge in front, raised line behind; single or double ring ridge around oil hole; ring base; ornament, herringbone, rays, or rays attached to outer oil hole ring. I, pls. 40: 20; 42: 10\*, 17.

L Outline of body like an ax with a perfectly round head, the portion corresponding to the cutting edge with three to seven wick holes; a loop handle.

1. All from T. 33; highly decorated with guilloche and ovoid designs; on the wide neck a series of round arches on spiral columns, and with intercolumnar designs; in two examples a narrow, depressed, decorated rim about oil hole within a heavy ring ridge; bottom of neck decorated; concentric rings within ring base. I, pl. 42: 18, 19; fig. 23: 10, 11.

2. S 1678 The embryonic form or a small and plain imitation of the above elaborate examples.



APPENDIX A

MATERIAL FOR COMPARISON WITH POTTERY TYPES



# APPENDIX A

## MATERIAL FOR COMPARISON WITH POTTERY TYPES

The arrangement is in the sequence of type serial numbers corresponding to that of the plates and text. Site, locus, publication and reference, and date with comment are indicated in this order. A number of references to material in *CPP* do not include mention of site and locus since they are the same as the preceding reference. As to comment, if the stratum, area, or structure had an object or objects having dating value (e.g. scarabs), such are mentioned; "comp." (comparative) indicates the date was arrived at by a combination of the stratigraphical and comparative methods, or that the comparative method alone was used where stratigraphy was not a factor. Under individual serial numbers the sites are alphabetically arranged. Usually the modern site name is used, but there are exceptions, especially Megiddo and Jericho. Comments and descriptions are frequently placed after the plate references. And what seemed the most pertinent suggestions for changes in dates have been included in the comments following the author's dates.

Reference numbers of complete objects with which comparison is made are italicized. A question mark (?) after the reference number indicates the identification is questionable or of a lesser degree of closeness to the type than is the case with those not marked. Some drawings and photographs do not permit close identification. Often descriptions are lacking, or are too brief. Then, there are instances when the objects did not warrant close comparison but whose points of similarity are suggestive. Some of these might prove to be gaps in a series which will be filled up later.

Dr. Albright, in correspondence, very kindly extended us the advantage of his latest work on Tell el-Fûl. The sign \* marks changes in chronology based on this correspondence. Tell el-Fûl I and II is mostly II of late 11th and early 10th cent., which is here indicated as "L 11th-E 10th"; Tell el-Fûl III is ca. 750-589 B.C.; "late village" is mainly Hellenistic. His current scheme for the chronology of the first five strata at Megiddo is as follows, but giving the dates regarded as probable rather than the maximum and minimum range for each stratum: str. V—ca. 1060-975; str. IV—ca. 950-815; str. III—ca. 780-733; str. II—ca. 733-609; str. I—ca. 609-450.\*

All dates are B.C. unless otherwise indicated.

### ZIRS

#### PLATE 1

1 Megiddo: str. IV-III. *M I*, pl. 17: 86 (?) (general shape similar but rim different; apparently rim folded outwards and rounded; slight ridge on shoulder near neck; apparently collared type), 1000-650. Albright, ca. 950-670 (?), *AJA* 44: 549.

T. el-Fâr'ah: T. 642. *CPP*, 43F9 (?) (smaller, and diameter proportionately greater, base blunt), XX dyn.

5 T. Beit Mirsim: house in SE 22D. *AAS* 12: 19 f., pl. 41: 10 (?), ca. 1700-1560, scarabs, comp.

\* In a communication of August 31, 1942, Dr. Albright gave permission to use the dates received by letter August 3, 1942 (Megiddo) and June 17, 1942 (Tell el Fûl).

T. el-Fâr'ah: Ts. 542, 550, 551, 556, 558, 559, 564, 566, 575, 578, 588, 592, 595, 596. *CPP*, 43F3 (?), XV and XVI dyn. (MB). Albright, T. 542, 12th cent., *AJA* 36: 300.

7 T. el-Fûl: I and II Fortr., mostly II. *AAS* 4: 12 f., pl. 28: 17, \*L 11th-E 10th cent., comp.

9 T. el-Fâr'ah: T. 236. *CPP*, 43J5 (?), XX dyn. *AS V*: 133, series between 11th and 9th cent.

11 T. el-Fûl: I and II Fortr., mostly II. *AAS* 4: 12 f., pl. 28: 19, \*L 11th-E 10th cent., comp.

#### PLATE 2

12 T. el-Fûl: I and II Fortr., mostly II. *AAS* 4: 12 f., pl. 28: 24, \*12th or E 11th cent., comp.

13 Beth-zur: ? *BZ*, fig. 30: center right (?), ca. 1200-1050, scarab, comp.

14 'Ain Shems: Ci 14, S28. *AS IV*, pl. 60: 4 (lt brown with lt gray core, small white grits); varies slightly, ca. 1200-1000, comp.

15 Balû'ah: lower levels of N. wall trench. *PEQ* 1934: 79, pl. 2: 2, no. 6, ca. 1200-900, comp.

T. el-Fâr'ah: T. 506. *CPP*, 43K3 (?), XX dyn.

16 'Ain Shems: R. 453 (1933) III. *AS IV*, pl. 61: 3 (reddish-brown; rim less everted), ca. 1200-1000, comp. Balû'ah. As for S 15; no. 7 (?).

Seilûn: house A, W. side. *IDHL*, 37 f., fig. 27 (over half of vessel remaining and all of shape), ca. 1200-1050, comp. *JPOS* 10: 103 f., fig. 9 (over half of vessel remaining and all of shape), ca. 1200-1050, comp.

18 'Ain Shems: below foundations of R. 318 (1933). *AS IV*, pls. 61: 1 (?) (lt brown with gray core, many black and white grits; rim vertical), 40: 1, ca. 1200-1000, comp.

Megiddo: str. IV-III. *M I*, pl. 17: 85 (rim not everted; yellow, well fired), 1000-650. Albright, ca. 950-670 (?), *AJA* 44: 549.

19 Seilûn: near base of city wall, W. side. *IDHL*, 41, fig. 29, cf. *JPOS* 10: 106, ca. 1200-1050, comp.

23 'Ain Shems: strip I west (1933), surface debris. *AS IV*, pls. 61: 2 (lt brown with gray core, many black and white grits), 40: 3, ca. 1200-1000, comp.

Beth-zur: ? *BZ*, fig. 30: top right (?), ca. 1200-1050, scarab, comp.

Seilûn: house A, W. side. *IDHL*, 36, fig. 26 (?), ca. 1200-1050, comp. *JPOS* 10: 102, fig. 8 (?), duplicated by fig. 11 (?) (all with three circular impressions on rim outside), ca. 1200-1050, comp.

25 T. el-Fûl: I and II Fortr., mostly II. *AAS* 4: 12 f., pl. 28: 20, \*L 11th-E 10th cent., comp.

26 Megiddo: Südostrand (6 Schicht). *TM I*, A, fig. 215; B, pl. 46: d, ?

27 Seilûn: house A, W. side. *IDHL*, 35 f., fig. 25, ca. 1200-1050, comp. *JPOS* 10: 100 ff., fig. 7, ca. 1200-1050, comp.

28 'Ain Shems: below foundations R. 318, III. *AS IV*, pls. 61: 1 (?) (lt brown, gray core, white and gray grits of various sizes), 40: 1 (?), ca. 1200-1000, comp.

T. Beit Mirsim: S. 24, str. B<sub>1</sub>. *AAS* 12: 59, pl. 26: 18, ca. 1230-1150, comp.

29 T. Beit Mirsim: S. 40, str. B<sub>3</sub> + A. *AAS* 12: 69, pl. 31: 4 (?), ca. 1000-800, comp.

30 T. el-Fār'ah: Ts. 214, 519, 551, 622. *CPP*, 43J3 (?), XV, XX dyn. (MB and EI).

31 T. Beit Mirsim: str. H. *AAS* 12: 13, pl. 5: 23 (?), 24 (?), ca. 2000-1900, comp. Courtyard of house in SE 33 G. *Ibid.*, 16, pl. 6: 17 (?), ca. 1900-1800, comp. S. 24, str. B. *Ibid.*, 58, pl. 26: 14, ca. 1230-1150, comp. See also *ibid.*, pls. 4: 21, 5: 23, 24.

#### PLATE 3

33 'Ain Shems: intrusive in R. 453 (1933), Ilc type. *AS* IV, pl. 65: 16 (reddish-brown, light gray core, very fine white grits, baked very hard), ca. 825-586, seals, comp. T. el-Fār'ah: T. 513. *CPP*, 43Q3 (?) (four handles attached at rim and four or more at shoulder), XX dyn.

36 'Ain Shems: U-V39, str. Ilc. *AS* IV, pl. 69: 3 (rim varies slightly), ca. 825-586, seals, comp.

38 T. el-Fār'ah: Ts. 121, 211, 214, 620. *CPP*, 43J7 (?) (smaller), XIX, XX dyn. T. 211 of a series considered between the 11th and 9th cent., *AS* V: 133.

40 T. el-Fūl: I and II Fortr., mostly II. *AAS* 4: 12 f., pl. 28: 23, \*L 11th-E 10th cent., comp.

#### PLATE 4

51 'Ain Shems: city debris. *BS*, p. 207: upper left (?), ca. 900-700 or 600, comp.

T. el-Fūl: I and II Fortr., mostly II. *AAS* 4: 12, pl. 28: 22, \*L 11th-E 10th cent., comp.

52 'Ain Shems: below foundations R. 318, III. *AS* IV, pl. 40: 4, ca. 1200-1000, comp.

53 Megiddo: str. V. *M* I, pl. 21: 126 (burnt umber, many white grits, blue-black core, well fired; major portion of body, inverted egg shape), 1060-1000. Albright, ca. 1050-950, *AJA* 44: 548.

56 'Ain Shems: R. 420 (1933). *AS* IV, pl. 61: 9 (lt brown with gray core, many black and white grits; base fragment), ca. 1200-1000, comp.

57 'Ain Shems: R. 25 (1929), str. II. *Ibid.*, pl. 65: 9 (reddish-brown), 1000-586, seals, comp.

#### PLATE 5

63 Balū'ah: R. of north addition of Kasr. *PEQ* 1934: 81 f., pl. 3: 1, 2, opinions varied from EI to Pers.-Hellen. period.

77 'Ain Shems: R. 390 (1933). *AS* IV, pl. 65: 6 (reddish-brown), ca. 1000-586, seals, comp.

78 'Ain Shems: Ci 25 (1933), Ilc. *Ibid.*, pl. 65: 5 (reddish-brown), ca. 825-586, seals, comp.

79 'Ain Shems: R. 374 (1933). *Ibid.*, pl. 65: 11 (reddish-brown), ca. 1000-586, seals, comp.

#### PLATE 6

87 'Ain Shems: area T28, R. 94 (1929), IIB-c. *AS* IV, pl. 65: 12 (reddish-brown; rim varies slightly), ca. 950-586, seals, comp.

88 'Ain Shems: R. 393 (1933). *Ibid.*, pls. 65: 4, 46: 2 (?), ca. 1000-586, seals, comp.

91 'Ain Shems: R. 334 (1933). *Ibid.*, pl. 65: 10 (reddish-brown, coarse white grits), ca. 1000-586, seals, comp.

92 Beth-zur: ? *BZ*, fig. 38: top center (?), ca. 500-100, seal imp., coins, comp.

93 'Ain Shems: U30, R. 114 (1929). *AS* IV, pl. 65: 7, ca. 950-586, seals, comp. See also *AS* V: 144.

#### PLATE 7

106 T. el-Fār'ah: Ts. 553, 562. *CPP*, 43W2 (?) (four

handled), XXI dyn. Albright, T. 562 dated as probably L 11th and E 10th cent., *AJA* 36: 301.

115 'Ain Shems: below foundation R. 401. *AS* IV, pls. 30: 21, 56: 2, ca. 1425-1200, scarabs, comp.

117 Megiddo: T. 63J. *MT*, pl. 63: 30, LB ii.

118 'Ain Shems: below foundation R. 401. *AS* IV, pls. 30: 17, 56: 4, ca. 1425-1200, scarabs, comp.

#### HANDMADE JARS

123 Beth-shan: level XII. *MJ* 24, pl. 9: 21, perhaps 2300-2100, comp. Wright, early EB iii, *PP*, chart.

Jericho: R. 103, 10.80 m. level. *LAA* 22: 158 f., pl. 35: 7 (handle only), EB i, comp. Synchronization with chart, *LAA* 23, pl. 28, indicates layer V, rather than IV, so EB i, Wright, *PP*, chart. Wright admits possibility of layer V, *ibid.*, p. 74; so also Albright, *AJA* 40: 158. R. 103, 10.80 m. level. *PP*, chart B-Id (handle only); see also *BAS* 63: 17; EB ii.

Megiddo: str. XIX. *SAOC* 17, pl. 17: 16 (handle described as partly thumb indented and partly pushed-over ledge handle, pink buff), 3300-3000, comp.

124 Jericho: R. 177r., level 8.09 m. *LAA* 22, pl. 35: 6 (handle only; brown ware), EB i, comp. Synchronization with chart, *LAA* 23, pl. 28, indicates layer VII, so EB ia, Wright, *PP*, 66 and chart.

125 'Ain Shems: T. (cemetery) 2. *BS*, p. 157: 153 (handle), p. 152, ca. 1400, comp., scarabs not studied. Ca. 1650-1550, *AS* V: 109. Fragment probably intrusive.

Jericho: R. 108, level 10.64 m. *LAA* 22, pl. 35: 10 (reddish brick ware handle with more upward slant), EB ii, comp. Synchronization with chart, *LAA* 23, pl. 28, shows layer III, so early EB iii, Wright, *PP*, chart.

T. el-Hesī: -280-S. E.; -270-N. E.; 310-11p; 330 S. E.? *TH*, pl. 5: 47 (handles; "on the whole this plain type (47) seems to be a degeneration, as it is the only form which survived into the Jewish times," *ibid.*), p. 42, 1600-650 (?). (According to Albright lowest stratum at least 3000, *BAS* 17: 7 f.).

#### PLATE 9

126 'Affūleh: foundation pit for water tower. *PEQ* 1936: 152, pl. 1: 19 (rim), late Chalcolithic, comp.

Et-Tell (Ai): necropolis. *Syria* 16, pl. 57: row 5, no. 7 (decorated ?), ca. 3000-2500, comp. (Write dates EB i, especially ia, *PP*, 61 and chart).

127 T. el-Hesī: -270-N. E.; -280-S. E. *TH*, 42, pl. 5: 46 (handle), 1600-1500. (According to Albright probably EB, *BAS* 17: 7).

128 Jericho: R. 151, level 9.87 m. *LAA* 22, pl. 37: 17 (brick ware), EB i, comp. Layer V on chart, *LAA* 23, pl. 28, so EB ib, Wright, *PP*, 69 and chart. R. 129, level 10.90 m. *LAA* 22, pl. 31: 24 (lt brick ware, lt gray core, white slip outside; body more globular), EB ii, comp. Synchronization with chart *LAA* 23, pl. 28, indicates layer V, so EB ib, Wright, *PP*, 69 and chart.

129 Jericho: R. 167, level 9.21 m. *LAA* 22, pl. 36: 14 (less symmetrical; gray ware, white slip, traces of orange), EB i, comp. Layer VII-VI. *PP*, chart, A-VII b (see also *BAS* 63: 16), EB ia, p. 66 and chart.

130 Et-Tell (Ai): necropolis. *Syria* 16, pl. 57: row 6, no. 3 (apparently has no decoration), ca. 3000-2500, comp. (Wright dates EB i, especially ia, *PP*, 61 and chart).

131 (In *PP*, chart, A-VIIc, it is listed as EB i. See also p. 100 where EB ia date is suggested. Also to be found in *BAS* 63: 16.)

132 Et-Tell (Ai): necropolis. *Syria* 16, pls. 58: 28

(vertical red painted lines only below rim), 57: row 4, no. 6, p. 345, ca. 3000-2500, comp. (Wright dates EB i, especially ia, *PP*, 61 and chart.)

**136** Et-Tell (Ai): necropolis. *Ibid.*, pl. 57: row 5, no. 4, ca. 3000-2500, comp. (Wright dates EB i, especially ia, *PP*, 61 and chart.)

Jericho: T. A. *LAA* 19, pl. 8: 9 (rim; lt red ware, with ladder design decoration), MB i (2000-1800), comp. But EB ii, *LAA* 22: 147. Same. *PP*, G-VIIc on chart (see also *BAS* 63: 18), EB iii.

**138** Et-Tell (Ai): necropolis. *Syria* 16, pl. 57: row 5, no. 3, ca. 3000-2500. (Wright dates EB i, especially ia, *PP*, 61 and chart.)

**139** Et-Tell (Ai): necropolis. *Syria* 16, pl. 57: row 5, no. 2, ca. 3000-2500. (Wright dates EB i, especially ia, *PP*, 61 and chart.)

Jericho: T. 24. *LAA* 19, fig. 8: 8 (drab ware, red slip, burnished, wavy ledge handles), ?2500-2000, comp. EB ib, Wright, *PP*, chart.

Megiddo: stages? *PP*, chart, A-Ic (broad (?); handle only. See also *BAS* 63: 16), EB i.

T. el-Hesi: city I. *MMC*, 41, pl. 3: 87 (?), ca. 1600, conjectured. Albright, EB, *BAS* 17: 7 f.

T. es-Şafi: ? *EP*, 80, pl. 26: 2 (handle), ?-1500, comp.

**141** Et-Tell (Ai): necropolis. *Syria* 16, pl. 57: row 5, no. 6 (apparently lacks decoration), ca. 3000-2500, comp. (Wright dates EB i, especially ia, *PP*, 61 and chart.)

T. es-Şafi: ? *EP*, 80, pl. 26: 5 (handle), ?-1500, comp.

## PLATE 10

**146** Et-Tell (Ai): necropolis. *Syria* 16, pls. 58: 7, 57: row 2, no. 7 (both with painted decoration), p. 344, ca. 3000-2500, comp. (Wright dates EB i, especially ia, *PP*, 61 and chart.)

Jericho: R. 116, level 10.43 m. *LAA* 22, pl. 33: 12 (?) (spout and rim fragment only; grayish ware, white slip outside), EB ii, comp. Synchronization with chart, *LAA* 23, pl. 28, indicates layer VI-V, so EB i, Wright, *PP*, chart. R. 369, layer VI. *LAA* 23, pl. 35: 2 (lt brown ware; red painted vertical lines over white slip; handle and rim fragment), EB i, comp. EB ia, Wright, *PP*, 66 and chart.

**147** Et-Tell (Ai): necropolis. *Syria* 16: 344, pls. 58: 2, 57: top row, no. 1, ca. 3000-2500, comp. (Wright dates EB i, especially ia, *PP*, 61 and chart.)

Gezer: T. 56. G III, pl. 80: 18. EB i, Wright, *PP*, 65 and chart.

**149** 'Affûleh: foundation for water tower. *PEQ* 1936: 152, pl. 1: 18 (rim fragment), 25 (base fragment), late Chalcolithic, comp.

Jericho: R. 108, level 7 m., strip 3-4. *LAA* 22, pl. 42: 11 (brick ware), Chalcolithic, comp.

**151** Jericho: R. 109, level 11.53 m. *LAA* 22, pl. 28: 6 (brick ware), late EB ii, comp. Chart, *LAA* 23, pl. 28, shows layer III, so early EB iii, Wright, *PP*, 7 and chart. R. 180, level 7.00 m. *LAA* 22, pl. 42: 10 (grayish-brown ware, gritty, red slip—smoothed, incised decoration), Chalcolithic. R. 388, layer VII. *LAA* 23, pl. 34: 12 (more everted), EB i. EB ia, Wright, *PP*, 66 and chart.

**152** Jericho: R. 181, level 6.95 m. *LAA* 22, pl. 38: 37 (grayish-brown ware), EB i, comp. According to chart, pl. 46, should be Chalcolithic. R. 109, level 11.53 m. *Ibid.*, pl. 28: 2 (brick ware, creamy slip outside and just inside rim), late EB ii, comp. Chart, *LAA* 23, pl. 28, shows layer III or II, so EB iii, Wright, *PP*, 7 and chart.

**155** Jericho: R. 181, level 6.95 m. *LAA* 22, pl. 38: 38 (grayish-brown ware), EB i, comp. According to chart, pl. 46, should be Chalcolithic.

**157** Beth-shan: level XVIII. *MJ* 24: 7, 8, 22, pl. 1: 23, 4th millennium. (According to Wright, *PP*, chart, Middle Chalcolithic, ?-3400.)

Jericho: R. 103, level 10.30 m. *LAA* 22, pl. 32: 13 (grayish-brown ware; shoulder and neck fragment with band of decoration), EB ii, comp. Chart, *LAA* 23, pl. 28, shows layer III, so early EB iii, Wright, *PP*, 7 and chart.

Megiddo: str. XVIII. *SAOC* 17, pls. 11: 8 (ware buff, green-buff), 14: 1-4, chart no. 12 (apparently no. 12 on chart represents most common features), 3000-2500, comp. Albright, between ca. 3000 and 2800, *AJA* 44: 547.

**158** Jericho: R. 185, level 7.09 m. *LAA* 22, pl. 40: 11 (brown ware; only rim fragment), Chalcolithic, comp.

**159** 'Ain Shems: R. 488 A (1933). *AS* IV, pl. 23: 16 (?), ca. 2300-2100, comp.

Jericho: R. 188, level 7.70 m. *LAA* 22, pl. 40: 10 (red brick ware; more body bulge), Chalcolithic, comp.

**160** Jericho: R. 173, level 8.37 m. *LAA* 22, pl. 40: 7 (less flaring), Chalcolithic, comp. Synchronization with chart, *LAA* 23, pl. 28, indicates possibility of layer VII, so possibly EB ia, Wright, *PP*, 7, 66, and chart.

**163** 'Affûleh: foundation pit for water tower. *PEQ* 1936: 153, pl. 2: 35, late Chalcolithic, comp.

Beth-shan: level XVI. *MJ* 24: 10?, pl. 1: 2, provisionally dated late 4th millennium. Upper Chalcolithic, Wright, *PP*, chart.

Jericho: R. 173, level 8.40 m. *LAA* 22, pl. 37: 21 (brick ware), EB i, comp. Synchronization with chart, *LAA* 23, pl. 28, indicates layer VII, so EB ia, Wright, *PP*, 7, 66, and chart.

## PLATE 11

**166** T. ej-Judeideh: ? *EP*, 77 f., pl. 23: 3 (coarse, dk clay, burning a purplish-black, minute quartz grits; blackened by smoke; cooking pot), ?-1500, comp., post dated.

**168** Beth-shan: level 11. *MJ* 24, pl. 9: 8 (plain rim fragment), perhaps 2000, comp. Late EB iii, Wright, *PP*, chart.

Jericho: R. 312, layer IV. *LAA* 23, pl. 38: 9 (no knob; has incised cross), EB ii. EB ii, Wright, *PP*, chart.

Megiddo: stages III-VII. *SAOC* 10, chart, 12D (plain rim fragment), Chalcolithic-EB iii. Late Chalcolithic-late EB ii, Wright, *PP*, chart. Str. XIX. *SAOC* 17, pl. 17: 6 (pink-buff, numerous calcite grits; without knobs), 3300-3000, comp.

**169** Jericho: K. 6. *LAA* 19: 11, pl. 12: 19 (crude gritty clay, poorly baked), MB i (2000-1800), comp. R. 144, level 8.16 m. *LAA* 22, pl. 39: 4 (grayish-brown ware; less thickening of rim), Chalcolithic, comp. Synchronization with chart, *LAA* 23, pl. 28, indicates possibly layer VII, so possibly EB ia, Wright, *PP*, chart. R. 181, level 6.95 m. *LAA* 22, pl. 38: 29 (grayish-brown ware), EB i, comp. Chart, pl. 46, indicates Chalcolithic. R. 321, layer IV. *LAA* 23, pl. 38: 8 (slightly different), EB ii. EB ii, Wright, *PP*, chart ? J, p. 96, pl. 20: A, 1 (?), Kanaanitisch.

Megiddo: T. 1101 B Lower. *MT*, pl. 7: 8, EB stages I-IV (ca. 3000-2200). EB iv, Wright, *PP*, chart.

T. el-Hesi: -280-S.E. *TH*, 42, pl. 5: 51, 1600. (Albright, probably EB, *BAS* 17: 7 f.)

**170** 'Affûleh: foundation pit for water tower. *PEQ* 1936: 152, pl. 1: 10, late Chalcolithic, comp.

'Ain Shems: R. 504 (1933). *AS* IV, pl. 23: 9?, ca. 2300-2100, comp.

Beth-shan: trench in northern slope. *B-S* III: 40, pl. 35: 25, EB, comp.

Jericho: strips 3-4 at 6.77 m. level. *LAA* 22, pl. 42: 6, Chalcolithic.

Megiddo: T. 903 Lower. *MT*, pl. 3: 36, Chalcolithic, stages III-VII. EB i-early EB ii and possibly slightly earlier according to Wright, *PP*, chart. Stages III-VII. *SAOC* 10, fig. 4: 12n, chart 12n, Chalcolithic. Note comment above. Stages III-VII. *PP*, chart, A-VIIIb, B-VIIIb (see also *BAS* 63: 16), EB i and ii.

Râs el-Ain: reservoir. *QDAP* 5: 115, 121, fig. 72, EB iii, comp. *Ca.* 3000-2700, Wright, *PP*, 62.

T. el-Hesî: SW hill. *TH*, 42, pl. 5: 48 (red-brown), 1600-900. (Albright, probably EB, *BAS* 17: 7 f.)

172 Jericho: R. 182, level 7.21 m. *LAA* 22, pl. 38: 2, EB i, comp. Chart, pl. 46, indicates Chalcolithic.

Megiddo: stages IV-VII. *SAOC* 10, chart, 12G, Chalcolithic-EB i. Str. XVIII (strata XVI-XVII offer similar types). *SAOC* 17, pls. 11: 9, 14: 36-38 (rims not so square-cut and lacking flange), chart, no. 10, 3000-2500. Albright, *ca.* 3000-2800, *AJA* 44: 547.

T. Beit Mirsim: str. J. *AAS* 12, pl. 1: 19 (?), *ca.* 2300-2000, comp. *Ca.* 2300-2100, *AAS* 13: 98. Str. I. *AAS* 12: 11 f., pl. 3: 34 (?), *ca.* 2000-1900, comp. *Ca.* 2100-1900, *AAS* 13: 98.

175 'Ain Shems: R. 484 (1933). *AS* IV, pl. 23: 17 (?), *ca.* 2300-2100, comp.

Jericho: Ts. 354-6. *LAA* 22, pl. 43: 15 (lt brown ware, decorated with red paint; spout is longer and rim bevel is outside), Chalcolithic. R. 318, layer IV. *LAA* 23, pl. 37: 2 (brown ware, small white and gray grits, red slip-smoothed outside), EB ii. EB ii, Wright, *PP*, chart. Vorisraelitische Periode (Schicht 1, 2, 3), E, 12. J, 101, fig. 88 (?).

Megiddo: southern citadel gate. *TM* I, B, pl. 22: Aa (?).

T. Beit Mirsim: str. J. *AAS* 12: 6 f., pl. 2: 14 (cylindrical spout; discussion and references; long history, beginning in Predynastic Egypt and lasting to beginning of MB in Palestine), *ca.* 2300-2000, comp., lack of scarabs. *Ca.* 2300-2100, *AAS* 13: 98. Str. J. *AAS* 13, pl. 1: 3 (buff, pattern burnished, two pushed-up ledge handles), 20: 26, 34, pp. 60, 61, *ca.* 2300-2100, comp.

T. el-Hesî: -270-N. E. *TH*, 41, pl. 5: 13 (similar spouts illustrated in same place), *ca.* 1500 (post dated several centuries), comp. According to Albright, EB, *BAS* 17: 7 f. City I and Sub I. *MMC*, 42, pl. 3: 85 (?), ?-1600, conjectured. (According to Albright, EB, *BAS* 17: 7 f.)

178 Megiddo: stages V and VI. *SAOC* 10, fig. 5: F (?), chart, 14F (?), Chalcolithic. EB i, Wright, *PP*, 66 and chart. Str. XIX. *SAOC* 17, pl. 17: 13 (buff, dark red wash), 3300-3000, comp. T. 910 A Fill. *MT*, pl. 81: 15, before 3000, comp.

179 'Affûleh: foundation pit for water tower. *PEQ* 1936: 153, pl. 2: 33 (nos. 29 and 30 of same general type), late Chalcolithic, comp.

Beth-shan: level XVII. *MJ* 24: 9, pl. 2: 8, probably 4th millennium. Upper Chalcolithic, Wright, *PP*, chart.

Jericho: R. 149, level 9.62 m. *LAA* 22, pl. 35: 5 (red brick ware, grayish wash; handle only), EB i, comp. Chart, *LAA* 23, pl. 28, indicates layer V, so EB i, Wright, *PP*, chart. J, fig. 92: upper right, p. 104, Kanaanitisch.

Megiddo: stages IV-VII. *SAOC* 10, fig. 5: G, chart, 14G, Chalcolithic and EB i. EB i and possibly earlier, Wright, *PP*, chart. Str. XX. *SAOC* 17, pl. 19: 24 (coarse buff ware), ?-3300, comp. T. 903 Lower. *MT*, pl. 77: 5, ?-3000, comp. Stages IV-VII. *PP*, chart, A-Ia (see also *BAS* 63: 16), EB i.

T. es-Sâfi: ? *EP*, 80, pl. 26: 10 (handle), ?-1500, comp.

180 Beth-shan: level XV. *MJ* 24: 11, pl. 6: 16, late

4th millennium suggested. EB ia, Wright, *PP*, 66 and chart.

Megiddo: str. XIX. *SAOC* 17, pl. 17: 15, 3300-3000, comp.

181 'Ain Shems: T. (cemetery) 2. *BS*, 157: 66, 154; pp. 148, 152, *ca.* 1400 (?), comp., scarabs not studied. 1650-1550, *AS* V: 109. Probably intrusive sherds.

Beth-shan: level XII. *MJ* 24: 17, pl. 9: 22, perhaps 2300-2100. Early EB iii, Wright, *PP*, chart.

Jericho: R. 109, level 11.53 m. *LAA* 22, pl. 35: 4 (lt brick ware, red slip-smoothed; handle only), EB ii, comp. Layer III on chart, *LAA* 23, pl. 28, so early EB iii, Wright, *PP*, chart. J, 104, fig. 92: bottom left, Kanaanitisch.

Megiddo: stages I-IV. *SAOC* 10, fig. 5B, chart 14B, EB. EB ib through early EB iii, Wright, *PP*, chart. Str. XVI-XVII. *SAOC* 17, pl. 13: 16-18, 2500-1950, comp. Str. XVIII. *Ibid.*, pl. 14: 6, 7, 3000-2500, comp. Albright, *ca.* 3000-2800, *AJA* 44: 547. Stages I-IV. *PP*, chart, B-Ie, D-Ie (similar type found EB iii. See also *BAS* 63: 17-19), EB ii-iv. T. 16. *OIC* 4: 56, fig. 33, x7, *ca.* 2300, comp. EB iv, Wright, *PP*, chart.

T. Beit Mirsim: str. J. *AAS* 12: 4 f., pl. 1: 7 (?), *ca.* 2300-2000, comp., lack of scarabs. *Ca.* 2300-2100, *AAS* 13: 98. Str. I. *AAS* 12: 12, pl. 3: 39, *ca.* 2000-1900, comp. *Ca.* 2100-1900, *AAS* 13: 98. Str. J. *Ibid.*, 60, pl. 20: 20-24 (seem to be mostly pushed-up variety), *ca.* 2300-2100, comp.

T. el-Hesî: -280- E., -280- S. E., -285- N. E., low S. cem. *TH*, 42, pl. 5: 42-44?, *ca.* 1600-1200. (Albright, probably EB, *BAS* 17: 7 f.) City I. *MMC*, 41, pl. 3: 86, 1600, conjectured. (Albright, EB, *BAS* 17: 7 f.)

185 Jericho: D. 6 X 150, floor of house. *LAA* 19, pl. 1: 9, MB i (2000-1800), comp. R. 109, strip 2. *LAA* 22, pl. 29: 20 (brown ware), late EB ii, comp. Chart, *LAA* 23, pl. 28, indicates layer III, so early EB iii, Wright, *PP*, chart.

Megiddo: T. 1102, Lower. *MT*, pl. 7: 11, EB stages I-II (*ca.* 2300-2500). EB iv, Wright, *PP*, chart. *SAOC* 10, fig. 14: P4633, EB stages I-II. EB iv, Wright, *PP*, chart.

#### HANDMADE AMPHORAE-AMPULLAE

187 Et-Tell (Ai): necropolis. *Syria* 16, pl. 58: 29, *ca.* 3000-2500. EB i, especially ia, Wright, *PP*, 61 and chart.

188 Jericho: R. 165, level 9.50 m. *LAA* 22, pl. 36: 2 (more regular in form but more squat; brick ware with vertical red painted lines), EB i. *PP*, chart, A-VIc (see previous note. See also *BAS* 63: 16), EB ia. *PP*, 60, 104, and chart.

190 Jericho: R. 257, layer VII. *LAA* 23, pl. 34: 8, EB i. EB ia, Wright, *PP*, 66 and chart.

191 Beth-shan: level 12. *MJ* 24: 17, pl. 10: 7, *ca.* 2300-2000, comp. Early EB iii, Wright, *PP*, chart.

Jericho: R. 374, layer VI. *LAA* 23, pl. 36: 2 (gray-brown ware, fire blackened), EB i. EB ia, Wright, *PP*, 66 and chart.

192 Et-Tell (Ai): necropolis. *Syria* 16, pl. 57: row 3, no. 5, *ca.* 3000-2500, comp. EB i, especially ia, Wright, *PP*, 61 and chart.

#### PLATE 12

194 Jericho: R. 320, layer IV. *LAA* 23, pl. 39: 3 (brown ware, brown slip-smoothed, vertically burnished outside), EB ii. Same, Wright, *PP*, chart.

195 Jericho: R. 159, level 9.45 m. *LAA* 22, pl. 36: 7 (thinner neck; brown ware, grayish-brown slip burnished), EB i. Synchronization with chart, *LAA* 23, pl. 28, suggests layer VII, so EB ia, Wright, *PP*, 66 and chart.



196 Jericho: kiln 268. *LAA* 23, pl. 37: 18, EB ii.  
 197 Et-Tell (Ai): necropolis. *Syria* 16, pls. 58: 29 (decorated with horizontal and vertical painted lines), 57: row 3, no. 3 (?), ca. 3000-2500, comp. (Wright dates EB i, especially ia, *PP*, 61 and chart.)

Jericho: R. 388, layer VII. *LAA* 23, pl. 36: 11 (brown-gray ware, very gritty; base rounded), EB i. (EB ia, Wright, *PP*, 66 and chart.)

198 Jericho: R. 178, level 8.50 m. *LAA* 22, pl. 39: 1 (brick ware, fire blackened), EB i. Synchronization with chart, *LAA* 23, pl. 28, indicates layer VII, so EB ia, Wright, *PP*, chart.

199 Jericho. ? *J*, 122 (?), pl. 22: Nr. 2b, Spätkanaanitisch.

200 Et-Tell (Ai): necropolis. *Syria* 16, pls. 58: 32 (has horizontal and diagonal painted decoration), 57: row 3, no. 1, ca. 3000-2500, comp. (Wright dates EB i, especially ia, *PP*, 61 and chart.)

Jericho. ? *J*, pl. 22: Nr. 2a (?), Spätkanaanitisch.

201 T. Beit Mirsim: str. I-H. *AAS* 13: 65, pls. 3: 10, 20: 17-19, 21: 8a (various types of incised decoration; some discussion), ca. 2100-1900, comp.

202 Jericho: T. 24. *LAA* 19: 39, fig. 8: 1 (brick ware and slip, burnished, wheel made), ?2500-2000, comp. EB ib, Wright, *PP*, chart.

203 Jericho: R. 131, level 11.18 m. *LAA* 22, pl. 30: 8 (grayish-brown ware, slip-smoothed), EB ii. Synchronization with chart, *LAA* 23, pl. 28, indicates layer IV, so EB ii, Wright, *PP*, chart. ? *J*, pl. 20: B, 4b, Kanaanitisch.

Râs el-'Ain reservoir. *QDAP* 5: 114, 121, fig. 71 (also burnished), pl. 65, EB. Ca. 3000-2700, Wright, *PP*, 62.

204 Et-Tell (Ai): necropolis. *Syria* 16, pls. 58: 41, 57: row 4, no. 2, ca. 3000-2500, comp. Wright dates EB i, especially ia, *PP*, 61 and chart.

Jericho: R. 272, layer VII. *LAA* 23, pl. 35: 18 (similar shape, not decorated), EB i. (EB ia, Wright, *PP*, 66 and chart.)

205 Et-Tell (Ai): necropolis. *Syria* 16, pls. 58: 35 (horizontal and diagonal painted decoration), 57: row 4, no. 1, ca. 3000-2500, comp. (Wright dates EB i, especially ia, *PP*, 61 and chart.)

Jericho: R. 447/297, layer VII. *LAA* 23, pl. 34: 7 (body less bulbous, neck wider and higher), EB i. (EB ia, Wright, *PP*, 66 and chart.)

206 Beth-shan: level 13. *MJ* 24: 14, pl. 5: 7 (?), perhaps 2500, comp. EB ii, Wright, *PP*, chart.

Jericho: R. 131, level 11.28 m. *LAA* 22, pl. 31: 12, EB ii. Synchronization with chart, *LAA* 23, pl. 28, indicates layer IV, so EB ii, Wright, *PP*, chart. R. 360, layer VI. *LAA* 23, pl. 35: 11 (handles placed on shoulders; irregular diagonal lines crossing), EB i. EB ia, Wright, *PP*, 66 and chart. R. 320, layer IV. *LAA* 23, pl. 39: 6 (somewhat different in shape and decoration), EB ii. EB ii, Wright, *PP*, chart. *J*, pl. 21: D, 5 (more rounded, handles not distinct; painted), Kanaanitisch. Fig. 85: D, 5 (see previous note), p. 100, Kanaanitisch. R. 320, layer IV. *PP*, chart, B-VIb and p. 104 (see second and last note), EB ii. (See also *BAS* 63: 17.)

Râs el-'Ain: reservoir. *QDAP* 5: 114, 121, fig. 70, pl. 66 (inverted top body shape. Entire outer surface decorated, mostly with diagonal lines but some horizontal around neck. There have been other examples, especially from Jericho, which showed no more variation from the type, which have not been included above. It is not unlikely that they do belong to a slightly broader category of the same type) EB iii, comp. Ca. 3000-2700, Wright, *PP*, 62.

207 Et-Tell (Ai): necropolis. *Syria* 16, pl. 58: 49

(decoration more nearly like 206), ca. 3000-2500, comp. (Wright dates EB i, especially ia, *PP*, 61 and chart.) *PP*, chart, A-VIb (see previous note. See also *BAS* 63: 16), EB i.

Jericho. *J*, pl. 20: B, 6b, Kanaanitisch.

208 Beth-shan: level 13. *MJ* 24: 14, pl. 5: 5 (more globular body and shorter neck), perhaps 2500, comp. EB ii, Wright, *PP*, chart.

209 Jericho: T. 24. *LAA* 19, fig. 8: 7 (thick brick ware), ?2500-2000, comp. EB ib, Wright, *PP*, chart. R. 163, level 8.91 m. *LAA* 22, pl. 39: 7 (brick ware), EB i. Synchronization with chart, *LAA* 23, pl. 28, indicates layer VII, so EB ia, Wright, *PP*, chart. R. 421, layer VII. *Ibid.*, pl. 36: 16, EB i. EB ia, Wright, *PP*, 62 and chart. Kiln over 298 or 289. *LAA* 23, pl. 37: 20, EB ii.

Megiddo: str. XIX. *SAOC* 17, pl. 15: 18 (pink-buff, lightly fired), chart—4 (conjectured to be more regular in shape), 3300-3000, comp. Stage IV. *SAOC* 10, chart, 25c (lt brown ware, dk red wash or burnish), p. 21, ca. 3000, seal imp. EB ib, Wright, *PP*, 66 and chart.

T. ej-Judeideh: ? *EP*, 79, pl. 24: 18, ?-1500, comp. Post dated.

210 Megiddo: T. 1128. *MT*, pls. 5: 8 (lt red wash outside and over rim, decorative vertically burnished, hand-made, less globular), 84: 23. Stage IV (ca. 3000). EB ib, Wright, *PP*, 66 and chart.

T. el-Hesî: cities Sub I and I. *MMC*, pl. 3: 84 ?, 1700 + -1600, conjectured. (Albright, probably early EB, *BAS* 17: 7 f.)

211 Beth-shan: level 14. *MJ* 24: 12, pl. 5: 10 (neck longer and cross painted on base), perhaps 2900, comp. *PP*, chart, A-VIa (see note above. See also *BAS* 63: 16), EB i. Level 12. *MJ*, pl. 10: 6 (slimmer body and smaller handles), ca. 2300-2000, comp. *PP*, chart, G-VIa (see previous note. See also *BAS* 63: 18), EB iii.

213 Jericho: K. 6, city A. *LAA* 19: 9 f., pl. 12: 17 (general shape similar), EB (?2500-2000), comp.

214 Beth-shan: level XIII. *MJ* 24, pl. 5: 9, perhaps 2500, comp. Level XIII. *PP*, chart, B-VIa (see also *BAS* 63: 17), EB ii.

Jericho: R. 386, layer VI. *LAA* 23, pl. 36: 5 (dk gray ware, slip-smoothed), EB i. EB ia, Wright, *PP*, 66 and chart.

215 Jericho: R. 123, level 11.84 m. *LAA* 22, pl. 29: 1 (buff ware, slip-smoothed), late EB ii. Synchronization with chart, *LAA* 23, pl. 28, indicates layer IV, so EB ii, Wright, *PP*, chart.

#### PLATE 13

225 Beth-shan: level 14. *MJ* 24, pl. 5: 4 (spout fragment of type some of which dk red or brown slip burnished), perhaps 2900, comp. EB ib, Wright, *PP*, 66 and chart.

Megiddo: stages IV-VII. *SAOC* 10, fig. 6: 23c (vertical loop handles and bent spout), chart: 23c (vertical loop handles and bent spout). Stages IV-VII (?-ca. 3000). EB i and possibly earlier, Wright, *PP*, chart. T. 903 Lower. *MT*, pl. 3: 34 (lt red wash outside and over rim, vertical loop handles), same date as above and same comment.

#### AMPHORAE

227 'Ain Shems: below foundations of R. 418 (1933), IV. *AS* IV, pl. 30: 1 (?) (brown, brown-gray core, some small white and black grits), ca. 1500-1200, scarabs, comp. Jericho. ? *J*, pl. 31: A, 7a, Jüdisch.



Megiddo: water system, main cave. *OIP* 32, pl. 2: 6(?) (straight neck, plain rounded rim and lt red painted decoration), EI i, comp.

229 T. Jemmeh: B197. *Gerar*, pl. 59: 72r, ca. 700, comp. Albright, ca. 600, *AAS* 12: 79. Same, *CPP*, 72R, XXV dyn.

231 'Athlît: cremated burials, burial xib. *QDAP* 6: 146, fig. 11: 4, mainly 7th cent. (p. 134), comp.

T. Jemmeh: CW191. *Gerar*, pl. 59: 72f, ca. 932, amulets, comp. Albright, ca. 800, *AAS* 12: 79. *CPP*, 72F, XXII dyn., same comment. Other possibilities are to be found *CPP* 71 and 72 sections, and 69P should be considered.

T. Beit Mirsim: str. A. *AAS* 12: 84 f., fig. 14: 17, ca. 800-600.

## JARS

232 'Ain Shems: R. 493 (1933), IV. *AS* IV, pl. 30: 2 (?), ca. 1500-1200, scarabs, comp. Area T27, R. 15 (1929), IVa. *Ibid.*, pl. 28: 13 (?), ca. 1500-1425.

Jericho: T. 9. *LAA* 19, pl. 33: 4 (drab ware), 1700-1500, scarabs, comp. Storeroom 31. *LAA* 21, pl. 21: 14 (drab ware; used for child burial), 1800-1500, comp.

Megiddo: Grabkammer II. *TM* II, fig. 4: 11a (?). T. 989 D2. *MT*, pl. 15: 10, MB i (2000-1800).

T. Beit Mirsim: courtyard of house SE33, str. G. *AAS* 12: 14, 16, pl. 6: 10 (?), 11 (?), 12 (?), ca. 1900-1800, comp. Str. C. *Ibid.*, pl. 22: 10 (?), 11 (?), ca. 1520-1230, scarabs, comp. Str. E. *AAS* 13: 76, pl. 7: 2 (?) (ware not described but form similar to type), ca. 1750-1625, scarabs, alabaster, comp.

T. el-'Ajjûl: Ts. 1144, 1508, 1509. *TA* II, pl. 33: 43H4 (?), XVIII dyn., scarab.

T. el-Fûl: late village. *AAS* 4: 23 f., pl. 32: 8, 700 or 600-300, comp. \*Mainly Hellen.

233 T. Beit Mirsim: courtyard of house SE33, str. G. *AAS* 12: 14, 16, pl. 6: 15 (?), ca. 1900-1800, comp. Str. C. *Ibid.*, pl. 22: 16 (?), ca. 1520-1230, scarabs, comp.

T. el-Fûl: late village. *AAS* 4: 23 f., pl. 32: 13, 700 or 600-300, comp. \*Mainly Hellen.

## PLATE 14

234 'Ain Shems: R. 449 (1933), III. *AS* IV, pl. 39: 21 (?), ca. 1200-1000, comp.

235 'Ain Shems: R. 487 (1933). *AS* IV, pl. 59: 6 (?) (brown ware, small gray and white grits), ca. 1500-1200, scarabs, comp.

T. el-Fûl: late village. *AAS* 4: 23 f., pl. 32: 3, 700 or 600-300, comp. \*Mainly Hellen.

T. el-Fâr'ah: Ts. 558, 559, 563, 569, 570, 573, 575, 578, 582, 588, 595, 596. *CPP*, 43E5 (?), XV and XVI dyn. (MB).

T. Zakariyâ: ? *EP*, 102, pl. 49: 2, ca. 750-350, seal imp., comp.

237 'Ain Shems: ? *AS* III, pl. 26: center left (?), (?) Area W26 (1929), str. IIb-c. *AS* IV, pls. 65: 41 (?) (lt brown ware, fine white grits), 47: 21 (?), ca. 950-586, seals, comp. R. 316 (1933), str. IIa. Pl. 41: 1 (?), 11 (?), ca. 1000-950, comp. R. 501 (1933), III. Pl. 30: 15(?) (Pl. 41: 1 knob-base type continues LB ii tradition and is found throughout str. III, also IIa. See *AS* V: 135), ca. 1500-1200, scarabs, comp.

Megiddo: guard's post, water system. *OIP* 32: 12, 26, pl. 1: 3 (less globular), EI i (12th cent.), comp. T. 1122 Upper. *MT*, pl. 5: 6 (larger), LB ii (1400-1200). T. 1145A. Pl. 50: 2 (?) (horizontal sepia and red painted

lines on shoulder), LB i (1600-1400). T. 8. Pl. 56: 11 (?) (base more rounded), LB ii (1400-1200).

Seilûn: house A (?), west side. *IDHL*, fig. 22: middle, p. 31 (is handle ribbed?), also *JPOS* 10, fig. 3: middle, p. 95, 1200-1050, comp.

240 'Ain Shems: below foundation R. 318 (1933), III. *AS* IV, pl. 39: 25 (?), ca. 1200-1000, comp.

Beth-zur: Loc. 50(5-B). *BZ*, pl. 12: 10 (neck flares slightly, has four handles, and base less rounded), ca. 500-400, coin, comp.

T. el-Fûl: late village. *AAS* 4: 23 f., pl. 32: 9, 17, 700 or 600-300, comp. \*Mainly Hellen.

242 'Ain Shems: R. 316 (1933), str. IIa. *AS* IV, pls. 62: 40 (reddish-brown, small gray grits), 41: 19 ?, ca. 1000-950, comp.

245 'Athlît: north slope of tell. *QDAP* 3: 147, 149 f., fig. 5: 1, ca. 1100-900, comp. Disturbed debris; could be later.

'Ain Shems: R. 489 (1933), str. IV. *AS* IV, pl. 30: 42 (?), ca. 1500-1200, scarabs, comp.

246 Megiddo: T. 1145B. *MT*, pl. 52: 1 (?), LB i (1600-1400).

## PLATE 15

247 'Ain Shems: T. 7. *APEF* 2: 83 f., pl. 49: 1 (?), ca. 950-700, comp. Wright, phase IIc probably little earlier than 7th cent., *AS* V: 7 f.

T. el-Fâr'ah: T. 902. *TF* I: 6, 7, pl. 16: top left (?), ca. 1400, scarabs. (Albright, ca. 13th cent., *AAS* 12: 42.)

248 'Ain Shems: T. 28, ii. *AS* II: 64, pl. 40: 23 (?), ca. 900-600, comp.

250 'Ain Shems: S 26, NW slope. *AS* II: 66, pl. 41: 8 (?). ? Below foundations R. 331 (1933), III. *AS* IV, pl. 39: 19 (?), ca. 1200-1000, comp.

251 'Ain Shems: intrusive in R. 486. *AS* IV, pl. 65: 1 (hard reddish-brown ware, many white grits), ca. 1000-586, comp.

254 Megiddo: T. 47. *MT*, pl. 171: 20, MI (1000-600).

T. el-Fûl: late village. *AAS* 4: 23 f., pl. 32: 12, 700 or 600-300, comp. \*Mainly Hellen.

255 Megiddo: T. 47. *MT*, pl. 74: 10, MI (1000-600).

T. el-Fûl: Fortr. I and II, mostly II. *AAS* 4: 12 f., pl. 28: 11, 1200-1000, comp. \*L 11th-E 10th cent.

256 Beth-shan: R. 1005, late Ramesside level. *B-S* II, ii: 38, pl. 49: 28(?) (shorter neck; drab ware with black grits), ca. 1000-300, comp. Albright says EI i, *APB*, 184, note 55.

258 'Ain Shems: R. 480 (1933), IVb. *AS* IV, pl. 56: 1 (?) (brown ware, gray core, small white grits), ca. 1425-1200, scarabs, comp.

259 'Ain Shems: Z31, level II. *AS* II: 66, pl. 41: 4 (?), ca. 900-600, comp. Cave 591, north of R. 574 (1933), IV. *AS* IV, pl. 30: 5 (?), ca. 1500-1200, scarabs, comp.

260 'Ain Shems: R. 487 (1933), str. IV. *AS* IV, pl. 30: 4 (?), ca. 1500-1200, scarabs, comp.

264 T. Zakariyâ: ? *EP*, 151 f., pl. 82: 1 (?), 1500-750 (?), comp.

265 T. Beit Mirsim: str. D. *AAS* 12: 20, pls. 12: 9 (?), 46: 11 (?), ca. 1700-1560, scarabs, comp.

Samaria: north of apse of Basilica. *S I*: 284, fig. 160: 1, 900-700, comp.

## PLATE 16

268 T. el-Fâr'ah: T. 229. *CPP*, 43K2 (?), XXII dyn. Grant and Wright, between 11th and 9th cent., *AS* V: 133.

270 T. el-Fûl: I and II Fortr., mostly II. *AAS* 4: 12 f., pl. 28: 1, \*L 11th-E 10th cent.

271 'Ain Shems: R. 487 (1933), IV. *AS* IV, pls. 59: 4 (?) (brown ware, small gray and white grits), 30: 7 (?), *ca.* 1500-1200, scarabs, comp.

Beth-shan: R. 1002, late Rameside level. *B-S* II, ii: 38, pl. 49: 31 (?) (gritty drab ware), *ca.* 1000-300, comp. (Albright, *EI* i, *APB*, 184, note 55.)

T. el-Fûl: I and II Fortr., mostly II. *AAS* 4: 12 f., pl. 28: 15 (?), \*L 11th-E 10th cent.

272 T. el-Fûl: I and II Fortr., mostly II. *AAS* 4: 12 f., pl. 28: 10, \*L 11th-E 10th cent.

275 'Ain Shems: T. 2 [?]. *APEF* 2: 36, pl. 18: 1 (?), *ca.* 950-700, comp. scarabs and amulets not studied. 7th cent., *AS* V: 141. [Level III-IV?] *AS* II: 29, pl. 40: 5 (drawing indicates it was sealed with cap of clay), [*ca.* 1275-1150?], comp. Possibly *ca.* 1200-950, *AS* V: 15. R. 316, level II. *AS* III: 79, fig. 5: top left, *ca.* 900-600, comp. *Ca.* 1000-950, *AS* V: 134, 5.

Megiddo: T. 912A 1. *MT*, pls. 33: 8 (?), 123: 13, LB ii (1400-1200).

276 'Ain Shems: R. 379 (1933), str. II. *AS* IV, pl. 65: 8 (hard brown ware, very fine white grits), *ca.* 1000-586, seals, comp. R. 375 (1933), II. *Ibid.*, pl. 46: 3 (?), *ca.* 1000-586, seals, comp. (says it is III-IIa type which would then date *ca.* 1200-950. See *AS* V: 143.)

278 T. Beit Mirsim: str. E. *AAS* 13: 76, pl. 7: 6 (?) (description of ware not given; form similar to type), *ca.* 1750-1625, scarabs, alabaster, comp.

279 'Ain Shems: level III-IV [?]. *AS* II: 29, pl. 40: 7 (?), ? Possibly *ca.* 1200-950, *AS* V: 15. R. 459 (1933), str. III. *AS* IV, pls. 61: 5 (reddish-brown, well baked, very fine white grits), 40: 5 (?), *ca.* 1200-1000, comp. R. 440 (1933), str. III. *Ibid.*, pl. 40: 8 (?), *ca.* 1200-1000, comp.

Beth-shan: R. 1021, Rameses II level. *B-S* II, ii: 14, 36, pl. 49: 7, 1292-1000 (similar shapes found in higher and lower levels), inscriptions, scarabs, etc. Albright, 12th to 10th cent., *AAS* 17: 76 f. E. of Temple Area, late Rameside level. *B-S* II, ii, pl. 49: 38 (shoulder apparently less rounded), *ca.* 1000-300, comp. Albright, *EI* i, *APB*, 184, note 55.

281 'Ain Shems: T. 2. *APEF* 2: 67, pl. 37: 17 (?), *ca.* 950-700, comp., scarabs not studied. 7th cent., *AS* V: 141.

Eq-Dāheriyeh: tomb. *QDAP* 4, pl. 64: bottom left (two additional jars that are similar), *ca.* 1000-?, comp. Grant and Wright, probably 9th cent., *AS* V: 137.

Jericho: ? J, 136, fig. 143, Jüdisch. "EI ii," Albright, *AAS* 12: 80.

T. Beit Mirsim: str. A. *AAS* 12: 79 f., pls. 32: 4, 52: 10 (?) (four double-ribbed handles and more pointed base), 53: 4 (?), 6 (?), *ca.* 900-700, comp.

T. Jemmeh: GQ 186, HN 184. *Gerar*, pl. 55: 46e, *ca.* 1200-1100, scarab, comp. (Albright, 10th cent., *AAS* 12: 79.) Same, *CPP*, pl. 46E, XX dyn. Same comment.

#### PLATE 17

282 'Ain Shems: ? *AS* I, pl. 27: lower left (?) ? R. 316 (1933), str. IIa. *AS* IV, pls. 62: 42 (reddish-brown, small gray grits), 41: 17 (?), *ca.* 1000-950, comp. R. 429 (1933), str. III. Pls. 61: 6 (?) (reddish-brown, gray core, very fine white grits), 40: 6 (?), *ca.* 1200-1000, comp. R. 379 (1933), str. IIb. Pl. 46: 4 (?). *AS* V: 143, *ca.* 950-825, seals, comp.

T. el-Hesi: [?] cities V-VIII. *MMC*, 118: 230 (?), [?] *ca.* 1000-400, scarabs, comp.

T. el-Fār'ah: T. 201. *TF* I, pl. 40: 43K2 (?), XXII dyn., scarabs, amulets and comp. Grant and Wright, between 11th and 9th cent., *AS* V: 133. T. 201. *CPP*, 43K4 (?), XXII dyn. Same comment. T. 252, 272. *Ibid.*, 46Pl (?), XXII dyn.

283 T. Beit Mirsim: str. A. *AAS* 12: 79 f., pl. 52: 14, *ca.* 900-600, comp.

T. Jemmeh: AQ200, A 194, AEE 194, B 193, DB 193, AEE 194, CP 193, AAA 193, CS 192, CM 190. *Gerar*, pl. 55: 46p (?), *ca.* 950-600, amulets, comp. (Albright, *ca.* 900-550, *AAS* 12: 79.) Same, *CPP*, 46P2. Same.

284 'Ain Shems: ? *AS* I, pl. 27: lower right (?) ? R. 32, level III-IV [?]. *AS* II: 29, pl. 40: 6 (?). Possibly *ca.* 1200-950, *AS* V: 15. R. 316 (1933), str. IIa. *AS* IV, pls. 62: 41 (?) (reddish-brown, small gray grits), 41: 15 (?), *ca.* 1000-950, comp. R. 457 (1933), str. III. *Ibid.*, pl. 61: 4 (reddish-brown ware, well baked, very fine white grits. "The fine quality of this paste is very typical of Stratum III, and is a characteristic especially of the Philistine ware."), *ca.* 1200-1000, comp.

T. Beit Mirsim: str. A. *AAS* 12: 79 f., pl. 52: 11 (?), *ca.* 900-600, comp.

T. el-Ajjûl: Ts. 1072, 1074. *TA* II, pl. 32: 43K5 (?), XXII dyn., scarabs. Grant and Wright, 10th cent., *AS* V: 136, note 3.

T. el-Fār'ah: Ts. 542, 661, 855. *CPP*, 43K5 (?), XIX dyn. (Albright and Starkey date T. 542 to 12th cent., *AJA* 36: 300, *TF* II: 31.)

T. Jemmeh: GJ 189. *Gerar*, pl. 55: 46g (?), *ca.* 1000, amulets, comp. (Albright, early 9th cent., *AAS* 12: 79.) GJ 189. *CPP*, 46 G1 (?), XXI dyn. Same comment.

285 Megiddo: T. 1090 A. *MT*, pls. 73: 7 (?), 170: 14 (?), *EI* i (1200-1000).

287 'Ain Shems: R. 469 (1933), str. III. *AS* III, pls. 61: 7 (lacks groove; very light brown ware, many grits), 39: 27 (?), *ca.* 1200-1000, comp.

Beth-shan: R. 1003, Rameses II level. *B-S* II, ii: 14, 36, pl. 49: 4 (has white slip; similar shape found in higher and lower levels), *ca.* 1292-1000, inscriptions, scarabs, etc. Albright, 12th to 10th cent., *AAS* 17: 76 f.

288 'Ain Shems: T. 1. *BS*, 180, 185: 46, *ca.* 1275-1150, comp., scarab not studied. Albright, Grant and Wright, 14th cent. into 12th cent., *AAS* 12: 41, *AS* V: 32, 109.

Beth-shan: R. 1072 (below floor of Seti Temple) Amenophis III level. *B-S* II, ii: 21, pl. 42: 2 (?) (painted red horizontal bands and lines on rim and neck), 1411-1375, inscriptions, scarabs, etc. Albright, 13th cent., *AAS* 17: 76 f.

Megiddo: str. V. *M* I, pls. 21: 122, 56: 122, 1060-1000. Albright, *ca.* 1050-950, *AJA* 44: 548.

T. el-Fār'ah: ? *CPP*, 43K7 (?) ?

292 'Ain Shems: R. 316 (1933), str. IIa. *AS* IV, pls. 62: 43 (?) (reddish-brown, small gray grits; minor variations), 41: 20 (?), *ca.* 1000-950, comp.

Megiddo: str. V. *M* I, pls. 20: 121 (brown ocher; rim more rounded), 56: 121, *ca.* 1060-1000. Albright, *ca.* 1050-950, *AJA* 44: 548.

T. Beit Mirsim: Si 43, str. B., *AAS* 12: 61, pl. 26: 32 (?), *ca.* 1150-1000, comp.

T. el-Fûl: I and II Fortr., mostly II. *AAS* 4: 12 f., pl. 28: 3 (?), \*L 11th-E 10th cent.

293 'Ain Shems: R. 459 (1933), str. III. *AS* IV, pl. 61: 21 (reddish-brown, well baked, very fine white grits), *ca.* 1200-900, comp.

Megiddo: guard's post, water system. *OIP* 32: 12, 26, pl. 1: 4, *EI* i, comp.

Seilûn: house A (?) west side. *IDHL*, 31, fig. 22: left (?), *ca.* 1200-1050, comp. House A (?), west side. *JPOS* 10, 95, fig. 3: left (?), *ca.* 1200-1050, comp.

**294** 'Ain Shems: R. 387 (1933), str. II. *AS* IV, pl. 65: 3 (hard brown ware, very fine white grits), *ca.* 1000-586, seals, comp. R. 431 (1933), str. III. *Ibid.*, pl. 61: 25, *ca.* 1200-1000, comp.

**295** T. el-Fûl: I and II Fortr., mostly II. *AAS* 4: 12 f., pl. 28: 5, \*L 11th-E 10th cent.

**298** T. el-'Ajjûl: grave 303 BC. *TA* III, pl. 37: 43F4' (?), VII-X dyn., scarab, comp. (Albright, 18th cent., *AJS* 55: 344, 359)

T. el-Fûl: late village. *AAS* 4: 23 f., pl. 32: 5, 700 or 600-300, comp. \*Mainly Hellen.

#### PLATE 18

**303** 'Ain Shems: R. 445 (1933), str. III. *AS* IV, pl. 61: 22 (?) (brownish-buff, small gray grits), *ca.* 1200-1000, comp. Below foundations R. 369 (1933), III. *Ibid.*, pl. 39: 31 (?), *ca.* 1200-1000, comp.

Megiddo: T. 80c. *MT*, pl. 75: 12 (?), EI-MI (*ca.* 1000).

T. Beit Mirsim: str. D. *AAS* 12, pl. 13: 21 (?), *ca.* 1700-1560, scarabs, comp.

**304** Megiddo: main cave, water system. *OIP* 32: 23 f., 26, pl. 2: 1 (blue-black ware, many white grits, heavily fixed), MI, comp. Str. IV-II. *M* I, pls. 15: 76, 52: 76, 1000-600.

**305** Beth-shan: E. of Temple Area, late Ramesside level. *B-S* II, ii: 38, pl. 49: 42 (?), *ca.* 1000-300, comp. Albright regards Ramesside level as mostly EI i, but this probably one of the late exceptions, *AAS* 12: 38, 39, *ibid.*, 17: 76 f.

T. Beit Mirsim: str. D. *AAS* 12: 20, pl. 13: 20, 23 (?), *ca.* 1700-1560, scarabs, comp.

**306** T. el-Fûl: I and II Fortr., mostly II. *AAS* 4: 12, pl. 28: 4 (?), \*L 11th-E 10th cent.

**307** Beth-shan: R. 1068, Amenophis III level. *B-S* II, ii: 6, 21, pl. 42: 1 (rough white slip), 1411-1375, inscriptions, scarabs, etc. Albright, from 13th cent., *AAS* 17: 76 f.

Megiddo: T. 73. *MT*, pl. 65: 18 (rim and handle), MI (1000-600).

T. Beit Mirsim: Si 24, str. B<sub>1</sub>. *AAS* 12: 58, pl. 26: 2 (?), *ca.* 1230-1150, comp.

T. el-Fûl: I and II Fortr., mostly II. *AAS* 4: 12 f., pl. 28: 12 (?), \*L 11th-E 10th cent.

**308** Beth-shan: R. 1005 (floor level) Rameses II level. *B-S* II, ii: 14, 36, pl. 49: 9, 1292-1000 (similar shapes found in higher and lower levels), inscriptions, scarabs, etc. Albright, 12th to 10th cent., *AAS* 17: 76 f.

Megiddo: str. V. *M* I, pls. 21: 124, 57: 124, 1060-1000. Albright, *ca.* 1050-950, *AJA* 44: 548.

**309** Beth-shan: R. 1003, Rameses II level. *B-S* II, ii: 14, 36, pl. 49: 5, *ca.* 1292-1000, inscriptions, scarabs, etc. (similar shapes found in higher and lower levels). Albright, 12th to 10th cent., *AAS* 17: 76 f.

T. Beit Mirsim: str. D ? *AAS* 12, pl. 46: 5 (?), *ca.* 1700-1560, scarabs, comp.

**310** Megiddo: T. 39. *MT*, pl. 69: 4 (?), EI i (1200-1000). T. 71. *Ibid.*, pl. 70: 4 (?), EI i (1200-1000).

**311** 'Ain Shems: R. 343, II. *AS* III: 72, fig. 6: 4-26, *ca.* 900-600, comp. R. 300, II. *Ibid.*, 84, pl. 26: top 2d from right (?), *ca.* 900-600, comp. R. 325 (1933), str. II. *AS* IV, pl. 65: 20 (handle, reddish-brown), *ca.* 1000-586, seals, comp.

T. el-Fûl: late village. *AAS* 4: 23 f., pl. 32: 18 (handle), 700 or 600-300, comp. \*Mainly Hellen.

**312** 'Ain Shems: Ci 4, Q 24. *AS* IV, pls. 69: 2 (?), 47: 19 (?), 200-100, coins, comp.

Megiddo: T. 47. *MT*, pl. 74: 11, MI (1000-600).

Samaria: Ci 7-S1. *S* I: 290, fig. 165: 1b, 600-400, Aramaic ostraca, comp. Ci 7-S1. *S* II, pl. 65: a (center right) (?), 600-400, Aramaic ostraca, comp.

#### PLATE 19

**316** T. el-Fâr'ah: T. 397, Cemetery 600, CE 386. *CPP*, 43Q2 (?), XXIII dyn.

**317** Megiddo: str. I. *M* I, pl. 14: 73, 600-350. Albright, 600-450 (?), *AJA* 44: 549.

**318** 'Ain Shems: intrusive in R. 444 (1933). *AS* IV, pl. 65: 2 (hard reddish-brown, many white grits; neck slightly larger), *ca.* 1000-586, seals, comp.

**320** Megiddo: str. III-II. *M* I, pls. 15: 75 (green-yellow, lightly fired), 52: 75, 780-600. Albright, *ca.* 733-609 (?), *AJA* 44: 549.

**322** Balû'ah: top level of pit near north wall. *PEQ* 1934: 79, pl. 2: fig. 1, no. 2 (rim fragment only), *ca.* 900-600, comp. Bottom levels of pit near north wall. *Ibid.*, 79, pl. 2: fig. 2, no. 1 (rim fragment only), *ca.* 1200-900, comp.

**323** 'Ain Shems: T. 8. *APEF* 2: 89, pl. 58: 1 (?), apparently *ca.* 850-700, comp., inscription, seal. 7th cent., *AS* V: 141.

**325** Balû'ah: bottom levels of pit near north wall. *PEQ* 1934: 79, pl. 2: fig. 2, no. 2, *ca.* 1200-900, comp.

**327** 'Ain Shems: T. 7. *APEF* 2: 83 f., pl. 50: 1 (?), *ca.* 950-700, comp. 7th cent., *AS* V: 141.

**329** 'Ain Shems: T. 1. *BS*, 201, p. 185: 621 (?), *ca.* 1275-1150, comp., scarab not studied. As T. 11 in later records, major group begins in 14th cent. and ends *ca.* 1150, *AS* V: 32, 109, *AAS* 12: 41.

T. Beit Mirsim: Si 43, str. B<sub>2</sub>. *AAS* 12: 61, pl. 26: 35 (?), *ca.* 1150-1000, comp.

**330** 'Ain Shems: level II, inside city wall. *BS*, 206, p. 209: 7, *ca.* 900-700 or 600, comp., seal from Temple not studied.

'Athlît: north slope of tell. *QDAP* 3: 149, fig. 5: 3, *ca.* 1100-900, comp. Disturbed debris; could be later.

Megiddo: str. IV-II. *M* I, pls. 13: 69, 51: 69, 1000-600. Albright, *ca.* 950-607 (?), *AJA* 44: 549.

T. Abû Hawam: area G3, str. IVb. *QDAP* 4: 31, pl. 36: 172 (dull reddish-brown ware with dark grits; bottom is of characteristic EI form), *ca.* 1195-1100, comp.

T. el-Hesî: in last wall, 314, N. E. *TH*, pl. 9L196, 700, comp. (Bliss's date similar.)

T. Jemmeh: DZ 192. *Gerar*, pl. 55: 45g, *ca.* 900 (aegis of Bast, XXIII dyn.), comp. Albright considers this level *ca.* 700, *AAS* 12: 79. DZ 192. *CPP*, 45g, XXII dyn., same comment.

**331** 'Ain Shems: R. 349, II. *AS* III: 71, pl. 28: row 2 center, *ca.* 900-600, comp. R. 349 (1933), str. II. *AS* IV, pl. 46: 6 (lt orange brown), *ca.* 1000-586, seals, comp. 'Athlît: T. L16. *QDAP* 2, figs. 3: c, 16: m, pl. 19: 384, p. 60, *ca.* 500-300, coin, comp.

Beth-shan: summit below R. 4. *B-S* III: 39, pl. 32: 16 (shoulder not so flat), *ca.* 300-100, comp.

T. Abû Hawam: str. II. *QDAP* 3, pl. 23: 14, *ca.* 500-400, comp. *QDAP* 4: 4, fig. 3 (rim more rounded and thicker), late 6th-early 4th, comp.

T. Beit Mirsim: str. A. *AAS* 12: 79 f., pl. 53: 2, *ca.* 900-600, comp.

T. el-'Ajjûl: Ts. 1040, 1140. *TA* II, pl. 33: 46n (?).

Possibly one of a series Albright dates to 10th and early 9th cent., *AJS* 55: 358. E865. *TA* IV, pl. 53: 46n2, ?

T. el-Fār'ah: T. 650. *TF* I: 14, pl. 44: 2 (one handled), *ca.* 800-700, comp. of this jar shape with alabaster jar of Usarkon II. J. H. Iliffe dates tomb *ca.* 450-330, *QDAP* 4: 186. Ts. 744, 817, 824, 829, 850. *CPP*, 47H4, XIX-XXIII dyn.

T. Jemmeh: AQ200, A193, B193, B194, CJ193, BZ196. *Gerar*, pl. 55: 46n, *ca.* 875-600, comp. Albright, *ca.* 7th and 6th cent., *AAS* 12: 79. *CPP*, 46n. Same date and same comment. AJ200, AQ200, B196, AM195. *Gerar*, pl. 56: 47b, *ca.* 800-600, comp. Albright, *ca.* 6th cent., *AAS* 12: 79. *CPP*, 47H, XXIII-XXVI dyn., same comment.

T. ej-Judeideh: in a burnt layer above a floor. *EP*, 102, pl. 49: 1 (?), *ca.* 750 [?]-350, seal imp., comp.

#### PLATE 20

**332** 'Athlīt: T. L16. *QDAP* 2: 50, 60. figs. 3: d, 16: n, pl. 19: 387, *ca.* 500-300, coin, comp.

**333** 'Ain Shems: ? (1933), str. II ?. *AS* IV, pl. 46: 7 (?), *ca.* 1000-586, ?

**338** Beth-shan: R. 1003, late Ramesside level. *B-S* II, ii: 38, pl. 49: 29, *ca.* 1000-300, comp. Ramesside level mostly 12th-11th cent., Albright, *AAS* 12: 38, 39.

**339** Samaria: Ci 7-S1. *S* I: 290, fig. 165: 2a (?), 600-400, Aramaic ostraca, comp. *S* II, pl. 65: b (top left) (?), same date as above.

**344** T. el-Fār'ah: T. 221. *TF* I: 14, pl. 41: bottom center (?), *ca.* 900-700, comp. Of a series dated between the 11th and 9th cent., Grant and Wright, *AS* V: 133.

**351** Samaria: Ci 7, strip 1. *S* I: 290, fig. 165: 2a. *S* II, pl. 65: b top left (rim and shoulder fragment; too small to be conclusive above handles), *ca.* 600-400, Aramaic ostraca, comp.

T. el-Fār'ah: 700 Cemetery. *CPP*, 47R, ?[47M, of similar body shape but with two handles, dated XXIII dyn. but according to Albright, *AAS* 12: 79, could be late 7th cent. (See *TF* I: 10 where T. 716 dated 800; some 700 cemeteries as late as Greek times and 800 cemetery mostly XIX dyn., p. 21.]. T. 827, T. 716, and 800 cemetery. *CPP*, 47S2, 47S4, ? [Jar from 'Athlīt, (*QDAP* 2: 50, fig. 3: e, pl. 19: 922) of somewhat similar shape but not so gracefully formed. Apparently from earliest phase of T. 24 and possibly 5th cent.]

#### PLATE 21

**352** 'Ain ej-Jedideh: wine press. *QDAP* 4: 117, fig. 1: a, pl. 68: 13, Byz. ?

'Ain Shems: in 1931 area. *AS* IV, pl. 69: 7 (?) (handle and wall fragment; brownish-red ware, white grits), Hellen. ? or Byz. ?

Jericho: ? *J*, 160, fig. 193, Byzantinisch. Pl. 43: A, 2, p. 160, Byzantinisch.

Ophel Hill: R. 20. *APEF* 5: 81, pl. XIV: 24 (a slight difference in shape, handles closely similar), cf. pl. IXa, 6th cent. street level or early 7th cent. *Ibid.*, pl. XII: 35. Below street level.

T. Jemmeh: ? *Gerar*, pls. 42: 13, 56: 48b. *CPP*, 48X. Justinian.

**353** 'Ain Shems: Cis. in High Place area. *APEF* 2: 98, pl. 14: 10 (?), *ca.* 1300-1000, comp. *Ca.* 1425-1000, *AS* V: 43. Level III-IV [?]. *AS* I, pl. 12: 1426 (?), 1427 (?), 1464 (?). *AS* II: 29. Possibly *ca.* 1200-950, *AS* V: 15. R. 78, level III (?). *AS* II: 18, pl. XLI: 16, *ca.* 1200-900 (?), comp. Possibly *ca.* 1000-950, *AS* V: 15. R. 331, level II. *AS* III: 74, fig. 6: 3-203b (?), *ca.* 900-

600, comp. Ci 14, S28 (1929), str. III. *AS* IV, pl. 60: 3 (lt brown ware, a few large gray grits), *ca.* 1200-1000, comp.

T. Beit Mirsim: str. B. *AAS* 12: 71, pl. 50: 11 (?), *ca.* 1230-920, comp.

**354** 'Ain Shems: ? *AS* I, pl. XII: 1325 (?); *AS* II: 26, level II indicated, so possibly latter part of period *ca.* 950-586, *AS* V: 15.

'Athlīt: north slope of tell. *QDAP* 3: 147, 149 f., fig. 5: 5 (handle), *ca.* 1100-900, comp. Disturbed debris, could be later.

Samaria: basilica 15, beside massive wall, yellow debris. *S* I: 276, fig. 153: 1, 900-700, comp.

T. Abū Hawam: area G3, str. IVb. *QDAP* 4: 31, pl. 36: 173 (pinkish buff ware, gray core; body longer and thinner), *ca.* 1195-1100, comp.

**355** 'Ain Shems: R. 316 (1933), str. IIa. *AS* IV, pl. 62: 55 (?) (handle; reddish-brown, small gray grits), *ca.* 1000-950, comp.

#### PLATE 22

**357** 'Ain Shems: surface debris, strip 7 east (1933). *AS* IV, pl. 46: 23 (has imp. of scarabaeus variety, Hebron), *ca.* 1000-586, probably latter part. R. 379 (1933), IIc. *Ibid.*, pl. 46: 21, *ca.* 825-586, seals, comp. Surface debris, strip 2 east (1933). *Ibid.*, pl. 46: 22, same comment. R. 380 (1933). *Ibid.*, pl. 46: 25 (handle has four ribs), same comment. R. 377 (1933). *Ibid.*, pl. 46: 26, same comment.

T. el-Fūl: III Fortr. *AAS* 4: 23, pl. 30: 14, 12, 13, *ca.* 750-589.

**358** Samaria: Ci 7, strip 1. *S* I, fig. 165: 1a (shape varies slightly; same vessel, *CPP*, 48D), *ca.* 600-400, ostraca, comp.

**359** 'Ain Shems: level II inside city. *BS*, 205: 204 (lt red; very fine white grits), p. 212, *ca.* 900-600, comp., seal from temple not studied. R. 96, U28, II. *AS* II: 18, pl. 41: 6, *ca.* 900-600, comp. Probably latter part, *AS* V: 15. Area U28, in bench outside R. 96, IIc. *AS* IV, pl. 47: 20 (lt brown), *ca.* 825-586, seals comp.

'Athlīt: cremated burials, burial v. *QDAP* 6: 143, fig. 7: 2 (rim similar to Serial no. 281), *ca.* 7th cent.

**360** Jericho. ? *J*, 160, pl. 43: A, 5, Byzantinisch.

#### PLATE 23

**365** 'Ain Shems: R. 316 (1933), str. IIa. *AS* IV, pl. 62: 56 (?) (reddish-brown ware, small gray grits), *ca.* 1000-950, comp.

**368** 'Ain Shems: S26, N.W. slope. *AS* II: 66, pl. 41: 7, ? T. el-Fūl: late village. *AAS* 4: 23 f., pl. 32: 16, 700 or 600-300, comp. \*Mainly Hellen.

**369** Beth-zur: ? *BZ*, fig. 32; bottom center (?), *ca.* 900-600, comp.

**370** Beth-zur: ? *BZ*, fig. 38: center left (?), *ca.* 500-100, coins, seal imp., comp.

**377** 'Ain Shems: T. 1. *BS*, p. 171: 1 (?), *ca.* 1275-1150, comp., scarab not studied. Tomb 11 of later records; begins in 14th cent. and continues to *ca.* 1150, *AS* V: 32, 109, *AAS* 12: 41.

Beth-shan: R. 1061, early Seti level. *B-S* II, ii: 10, 30, pl. 46: 10, 1313-1292, inscriptions, scarabs, etc. Mainly 12th cent., Albright, *AAS* 17: 76 f.

Megiddo: T. 4. *MT*, pl. 55: 7, LB ii (1400-1200). T. 63 C. *MT*, pl. 61: 3, same date as above.

T. Abū Hawam: Rs. 33-35, str. IVb. *QDAP* 4, fig. 13 (base varies slightly), p. 9, *ca.* 1195-1100, comp.

T. el-Fār'ah: Ts. 552, 644. *CPP*, 43P5 (?), XIX dyn.

Albright and Starkey date T. 552 to 12th cent., *AJA* 36: 300, *TF* II: 31.

378 Megiddo: T. 8. *MT*, pl. 56: 10 (?), LB ii (1400-1200).

379 'Ain Shems: Z30, II. *AS* II: 66, pl. 41: 22 (?), ca. 900-600, comp.

380 'Ain Shems: Ci 16 (?). *AS* II: 66, pl. 41: 12, ? Ca. 1425-1200, *AS* V: 43.

381 'Ain Shems. *AS* II, pl. 41: 23 (apparently same number used twice).

Beth-shan: E. of Temple area, late Ramesside level. *B-S* II, ii: 38, pl. 49: 35, ca. 1000-300, comp. Mostly 12th-11th cent., Albright, *AAS* 12: 38, 39.

#### WHOLE-MOUTH JARS

383 'Ain Shems: R. 313 (1933), str. II. *AS* IV, pl. 65: 26, ca. 1000-586, seals, comp.

T. Beit Mirsim: str. A. *AAS* 12: 79, pls. 33: 2, 52: 7, ca. 900-600, comp.

384 'Ain Shems: R. 300 (1933), str. IIc. *AS* IV, pl. 65: 31 (red ware), ca. 825-586, seals, comp.

386 'Ain Shems: R. 379 (1933), str. II. *AS* IV, pl. 65: 19 (lt brown), ca. 1000-586, seals, scarabs.

#### PLATE 24

387 'Ain Shems: re-occupation area, Central City. *APEF* 2: 100, pl. 19: 3 (?), after 700 (destruction) ? III U30. *AS* II: 50, pl. 34: 17, ca. 1200-900, comp. Ca. 1000-950, *AS* V: 15. R. 300, II. *AS* III: 84, pl. 26: upper right (?), ca. 900-600, comp. Re-occupation area, Central City. *APEF* 2: 100, pl. 19: 5 (?), after 700 (destruction) ? R. 374 (1933), str. II. *AS* IV, pl. 65: 32 (red ware, lt gray surface), ca. 1000-586, seals, comp.

Gezer: Hellen. str. G III, pl. 178: 6, ca. 550-250. Albright, 10th cent. (see *G* II: 196, 198, 213; see *AAS* 12: 76, 77, 79, where Albright says "at Gezer there is an almost complete lacuna after the tenth century: the 'Fourth Semitic' of Macalister does not contain a single clear specimen of EI ii pottery, though there is an abundance of typical EI i material.")

388 'Ain Shems: Ci 25. *AS* III: 63, pl. 27: c center (?), ? Between 8th and early 6th cent., *AS* V: 136. R. 304 (1933), probably IIc. *AS* IV, pl. 65: 30, ca. 825-586, seals, comp. R. 305 (1933), II. *Ibid.*, pl. 47: 5 (?), ca. 1000-586, seals, comp. II 79. *AS* II: 50, pl. 34: 10, ca. 900-600, comp.

Megiddo: temple, 5th str. *TM* I: 121, fig. 181 right, ca. 8th cent., Albright (see *AAS* 12: 79; cf. *TM* II: 78).

T. Beit Mirsim: str. A. *AAS* 12: 79, pl. 52: 1, ca. 900-600, comp. Str. A. *AAS* 12: 79, pl. 52: 6, ca. 900-600, comp.

389 'Ain Shems: re-occupation area, Central City. *APEF* 2: 100, pl. 19: 1 (?), after 700 (destruction) ? *AS* II, pl. 13: top 2d from left (?), ?

T. Beit Mirsim: str. A. *AAS* 12: 79, pls. 33: 3, 52: 5, ca. 900-600, comp.

T. Jemmeh: Ee 189, Ep 191. *Gerar*, pl. 52: 31K (thick red), p. 21, pl. lii, ca. 1000-900, jewelry, amulet, masonry. Ca. 900-800, Albright, *AAS* 12: 79. *CPP*, 31K, XXII dyn. Same comment.

392 'Ain Shems: III No. *AS* II: 50, pl. 34: 12, ca. 1200-900, comp. Ca. 1000-950, *AS* V: 15.

Megiddo: str. IV-I. *M* I, pls. 11: 57, 50: 57, 1000-350. Albright, ca. 950-450 (?), *AJA* 44: 549.

394 Megiddo: str. V. *M* I, pls. 20: 117, 55: 117, ca. 1060-1000. Albright, ca. 1050-950, *AJA* 44: 548.

T. Beit Mirsim: str. A. *AAS* 12: 79, pls. 33: 1, 52: 8, ca. 900-600, comp.

#### PLATE 25

402 'Ain Shems: below foundations R. 391 (1933), IIa-b. *AS* IV, pl. 65: 34, ca. 1000-825, comp.

Megiddo: T. 37N. *MT*, pl. 139: 8, fig. 94, *MI* (1000-600).

T. Jemmeh: debris at 206 ft. *Gerar*, pl. 52: 31u (?) (has horizontal row of round impressions outside below rim), ca. 450, in str. of red-figured Attic vase. *CPP*, 31u (?), XXVIII dyn.

See *TA* IV, pl. 48: 31K2' for early variety of same general type.

403 Megiddo: temple, 5th str. *TM* I: 121, fig. 181 middle, ca. 8th cent., Albright, *AAS* 12: 79, cf. *TM* II: 78. Palastwohnung. *TM* I: 101, fig. 153 (?), ca. 1000-750, May, *OIP* 26: 2, legend, pl. 31: M227. Str. IV (May's assignment), ca. 950-733, Albright, *AJA* 44: 549.

404 'Ain Shems: II 79. *AS* II: 50, pl. 34: 11, ca. 900-600, comp.

Megiddo: str. IV-I. *M* I, pl. 11: 55 (?), 1000-350. Albright, ca. 950-450 (?), *AJA* 44: 549.

405 T. el-'Ajjûl: J730. *TA* IV, pl. 48: 31K3' (?).

407 T. Jemmeh: FL185. *Gerar*, 21, pl. 52: 31c (?) (irregularly lt red), ca. 1200, scarab. Ca. 10th cent., Albright, *AAS* 12: 79. *CPP*, 31c, XX dyn. Same comment.

408 'Ain Shems: level II. *BS*, p. 211: 334 (?), p. 215, ca. 900-600, comp., seal from Temple not studied. Cave 17, NW slope. *AS* II: 50, pl. 34: 21, ?

409 T. Jemmeh: AJ198. *Gerar*, pl. 52: 31q, ca. 700, comp. 6th cent., Albright, *AAS* 12: 79. *CPP*, 31Q, XXV dyn. Same comment.

411 'Ain Shems: R. 300 (1933), str. IIc. *AS* IV, pl. 65: 33 (red ware), ca. 825-586, seals, comp.

412 'Ain Shems: II 77. *AS* II: 50, pl. 34: 7, ca. 900-600, comp.

413 'Ain Shems: cave 17 NW slope. *AS* II: 50, pl. 34: 20 (?), ?

414 T. Jemmeh: EJ 190, EJ 189 (see *Gerar*, p. 21, pl. lii; apparently not "hole mouth" as Albright thought, probably overlooking description), FP 183. *Gerar*, pl. 52: 31g, ca. 1200-1000, scarab, amulet, masonry. Ca. 1000-800, Albright, *AAS* 12: 79. *CPP*, 31G, XX and XXI dyn. Same comment.

415 'Ain Shems: R. 304 (1933), probably IIc. *AS* IV, pl. 65: 23, ca. 825-586, seals, comp.

T. Beit Mirsim: str. A. *AAS* 12: 79, pl. 52: 2, ca. 900-600, comp.

416 'Ain Shems: R. 310 (1933), IIb. *AS* IV, pl. 65: 22 (reddish-brown), ca. 950-825, comp.

Megiddo: T. 37. *MT*, pl. 38: 25 (body shape cylindrical but tapering at each end), *MI* (1000-600).

T. Beit Mirsim: str. A. *AAS* 12: 79, pl. 52: 9, ca. 900-600, comp.

417 'Ain Shems: U29 W. of III37. *AS* II: 50, pl. 34: 6, ca. 1200-900, comp. Possibly ca. 1000-950, *AS* V: 15.

T. Beit Mirsim: str. A. *AAS* 12: 79, pls. 33: 4 (?), 52: 4, ca. 900-600, comp.

? ? EP, 76, pl. 21: 11 (?), 750 (?)-ca. 350, seal imp. comp.

418 'Ain Shems: S32, II239. *AS* I, pl. 12: lower I.; II: 26, 50, pl. 34: 4, ca. 900-600, comp. R. 208, Y30 (1930), str. II. *AS* IV, pl. 65: 27 (gray ware, fine white grits), ca. 1000-586, seals, comp.



T. Beit Mirsim: str. A. *AAS* 12: 79, pl. 52: 3, ca. 900-700, comp.

**420** 'Ain Shems: II 208. *AS* II: 26, 50, pl. 34: 9 (?), ca. 900-600, comp. Ci 25. *AS* III: 62, pl. 27: a left (?), e center, ? Between 8th and early 6th cent., *AS* V: 136. R. 310 (1933), Iib. *AS* IV, pl. 47: 6 (lt brown), ca. 950-825, comp.

Beth-zur: loc. 151. *BZ*, pl. 9: 3, ca. 900-600, seal imp., comp.

## PLATE 26

**421** 'Ain Shems: R. 338 (1933), Iib-c. *AS* IV, pl. 47: 15 (?), 18 (?), ca. 950-586, seals comp. (See Albright, *AAS* 12, §§ 99, 100, 102, 103. Chronological spread of type ca. 10th cent.—500 or 400.)

**424** 'Ain Shems: R. 33, level II. *BS*, 212, pl. 211: 205, ca. 900-600, comp., seal from Temple not studied.

T. ej-Judeideh: ? *EP*, 103, pl. 51: 3, 750 (?)—350, seal imp., comp.

T. el-Hesî: level 314 N. E. *TH*, 48, pl. 9: 203, 600.

**425** 'Ain Shems: R. 306 (1933), Iib-c. *AS* IV, pl. 47: 3 (?) (dark gray ware, many white grits, buff slip), ca. 950-586, seals, comp. R. 305 (1933), str. II. *AS* IV, pl. 65: 25, ca. 1000-586, seals, comp. N. of R. 306 (1933), II. *Ibid.*, pl. 47: 4 (?), same date as above.

Beth-zur: loc. 151, silo. *BZ*, pl. 9: 1, ca. 900-600, seal imp., comp.

**426** 'Ain Shems: R. 338 (1933), Iic. *AS* IV, pl. 47: 16 (?) (reddish-brown), ca. 825-586, seals, comp.

**427** 'Ain Shems: III U30. *AS* II: 50, pl. 34: 16, ca. 1200-900, comp. Possibly ca. 1000-950, *AS* V: 15.

**428** 'Ain Shems: U30, level ?. *AS*, II: 50, pl. 34: 3, ca. 900-600 (?), comp. R. 306 (1933), str. Iic. *AS* IV, pl. 65: 21 (gray ware, fine white grits), ca. 825-586, seals, comp. R. 310 (1933), Iib. *Ibid.*, pl. 47: 2 (?), ca. 950-825, comp.

Beth-zur: loc. 151, silo. *BZ*, pl. 9: 4, ca. 900-600, seal imp., comp.

**429** 'Ain Shems: NW of R. 234, II. *AS* II: 26, 50, pl. 34: 1, ca. 900-600, comp.

Megiddo: T. 37. *MT*, pls. 38: 26, 136: 18, MI (1000-600). T. 37F. *MT*, pl. 138: 8, MI (1000-600). Str. IV-I. *M* I, pl. 11: 54, 1000-350. Albright, ca. 950-ca. 450 (?), *AJA* 44: 549.

**430** 'Ain Shems: S32, II 239. *AS* II: 26, 50, pl. 34: 2, ca. 900-600, comp.

Gezer: Fourth Semitic str. (?). *G* II: 198, fig. 352, ca. 550-250 (?). See Albright's comment on date under S 387.

T. Zakariyā: ? *EP*, 103, pl. 51: 1, 750 (?)—350, seal imp., comp.

(See *TH*, pl. 5: 3 for an early type apparently similar in shape.)

**431** 'Ain Shems: re-occupation area, Central City. *APEF* 2: 100, pl. 19: 2 (?), after 700 (destruction), ? III No. *AS* II: 50, pl. 34: 13 (?), ca. 1200-900, comp. Possibly ca. 1000-950, *AS* V: 15. R. 335, II. *AS* III: 73, pl. 26: bottom center, ca. 900-600, comp. Described as EI ii and late at that; has *lemelekh* seal impression. Ci 25. *Ibid.*, 62 f., pl. 27: a center (?), c l. (?), ? Between the 8th and early 6th cent., *AS* V: 136.

**432** 'Ain Shems: II 83. *AS* II: 50, pl. 34: 15, ca. 900-600, comp. R. 338 (1933), Iib-c. *AS* IV, pl. 47: 1 (?) (reddish-brown ware), ca. 950-586, seals, comp.

**434** 'Ain Shems: R. 338 (1933), Iic. *AS* IV, pl. 47: 17 (?) (reddish-brown), ca. 825-586, seals, comp.

**436** Megiddo: str. IV-I. *M* I, pl. 11: 56, 1000-350. Albright, ca. 950-ca. 450 (?), *AJA* 44: 549.

**437** 'Ain Shems: R. 310 (1933), Iib. *AS* IV, pl. 47: 8 (?), ca. 950-825, comp.

## CONICAL JARS

**438** 'Ain Shems: Ci 25. *AS* III: 62, pl. 27: f 2d from left (?), ? Between 8th and early 6th cent., *AS* V: 136. Area R31 (1930), str. II. *AS* IV, pl. 45: 30 (lt orange-brown, many small and med gray and brown grits, red slip, vertically burnished), ca. 1000-586, seals, comp.

Jericho: — *J*, pl. 38: E, 1b (?), Jüdisch.

T. Beit Mirsim: str. A. *AAS* 12: 81, pl. 53: 9 (red slip, unburnished), ca. 900-600, comp.

T. ej-Judeideh: in burnt layer above floor. *EP*, 102, pls. 49: 7 (?) (red surface, burnished vertically, several painted red and white horizontal lines), 21: 9, ca. 750-ca. 350, seal imp., comp.

(Beth-shan has more squat globular examples of this type which are found in early Seti and Rameses II levels.)

(Jericho also has early examples similar to general type, *LAA* 20, pl. 10: 5, 6, LB i.)

**439** 'Ain Shems: level II, intramural. *BS*, p. 205: 247, p. 214, ca. 900-700 or 600, comp., seal from Temple not studied. Ci 25 (1933), str. Iic. *AS* IV, pl. 67: 1, ca. 825-586, seals, comp. Locus ? (1928). *Ibid.*, pl. 45: 31 (sandy orange-brown, red slip), ca. 1000-586, seals, comp.

T. Beit Mirsim: str. A. *AAS* 12: 81, pls. 36: 8, 54: 10 (red buff, unburnished (?)), ca. 900-600, comp.

T. el-Fûl: Ts. south slope. *PEQ* 1915, 35, 37, pl. II: 6, ca. 600-500, Macalister. Group typical of EI ii, Albright, *AAS* 12: 76.

**440** 'Ain Shems: R31, level III-IV (?). *AS* II: 29, 64, pl. 40: 13, ? Possibly ca. 1200-950, *AS* V: 15. ? *AS* III, pl. 24: 4th line left (?) ?

T. Beit Mirsim: str. A. *AAS* 12: 81, pls. 36: 9, 54: 7, ca. 900-600, comp., seal imp., and inscriptions.

T. el-'Ajjûl: T. 1000. *TA* II, pl. 34: 55W'9' (?) (body diameter greater), ? Possibly one of the 10th and early 9th cent. tombs, Albright, *AJS* 55: 358.

T. el-Fârah: T. 915. *TF* II, pl. 87: 55D3, XX dyn.

(*M* I, pls. 22: 131, 57: 131 of same general type but body more globular.)

**441** 'Ain Shems: T. 1. *APEF* 2: 57, pl. 22: 20 (?), ca. 1300-950, comp., scarabs and amulets not studied. Late 10th and early 9th cent., *AS* V: 136. *APEF* 1: 70 f., fig. 15: 10 (?), offered as evidence of XVIII dyn. See comment above. Intramural. *BS*, 214, p. 211: 321 (horizontal red painted lines), Iron Age. Locus ? (1928). *AS* IV, pl. 45: 28, ca. 1000-586, seals, comp.

T. Beit Mirsim: str. A. *AAS* 12: 81, pl. 54: 9, ca. 900-600, comp.

T. ej-Judeideh: ? *EP*, 104, pl. 53: 15 (?) (black paste with red-brown wash, burnished), ca. 750-ca. 350, seal imp., comp.

## PLATE 27

**443** 'Ain Shems: ? *AS* III, pl. 26: top center (?), ca. 900-600, comp.

**444** 'Ain Shems: T. 14. *AS* IV, pl. 68: 15 (?) (reddish-brown ware), 6th cent., comp.

T. Beit Mirsim: str. C. Maybe later, EI ii? *AAS* 12: 41, pl. 44: 1 (?) (smooth buff, narrower neck), ca. 1520-1230, or ca. 900-600.

**450** Jerusalem: Bishop Gobat's School. *PEQ* 1935: 142 f., pl. 6: 17 (neck plain; lt red, creamy surface), late Hellen. and Herodian.

**454** Samaria: Ci 7-S1. *S* I: 290, fig. 167: 5 (drab or gray ware, reddish when hard burnt, greenish when soft

burnt), 600-400, Aramaic ostraca, comp. S II, pl. 65: b (upper right), same date.

**463** T. el-'Ajjûl: T. 1111. *TA* II, pl. 34: 66B (?) (more elongated), ?

Samaria: S5hE. S I: 286, fig. 163: III 4 (finish and ware similar but shape more elongated); S II, pl. 67: h, 700-300, ostraca, comp.

**464** Samaria: same as 463 above. 463 is better comparison as to ware and decoration, but shape is shorter and more bulbous.

#### SMALL JARS

##### PLATE 28

**468** Megiddo: str. VIII. *SAOC* 17, pl. 3: 7, chart 12, 1479-1300, comp. Albright, *ca.* 1467-1300, *AJA* 44: 548.

**469** 'Ain Shems: R. 423 (1933), str. III. *AS* IV, pls. 61: 31 (?). (Naşbeh type, also S 468, might be closer to earlier forms such as pl. 55: 6, 7; reddish-brown, well baked, very fine white grits), 39: 35 (?), *ca.* 1200-1000, comp. Below foundations R. 418 (1933), *IV. Ibid.*, pl. 32: 10 (?), *ca.* 1500-1200, scarabs, comp.

**470** T. Beit Mirsim: R. SE23B-8. *AAS* 12: 67, pl. 27: 12 (?) (handle has incipient ribbing), *ca.* 1000-920, comp.

**473** 'Ain Shems: level II, N. of peg Y4. *BS*, p. 211: 337, p. 216, *ca.* 900-700 or 600, comp., seal from Temple not studied.

**476** Beth-zur: ? *BZ*, fig. 37: top left (?), *ca.* 500-100, seal imp., coins, comp.

Samaria: Ci 7-S1. S I: 290, fig. 167: 4a, 600-400, Aramaic ostraca, comp. S II, pl. 65: c (upper left), same date.

**477** Balû'ah: lower levels of pit near N. wall. *PEQ* 1934: 79, pl. 2: fig. 2, no. 9, *ca.* 1200-900, comp.

**478** T. Beit Mirsim: str. C, Si 13. *AAS* 12: 51, pl. 22: 36 (?), *ca.* 1520-1230, scarabs, comp.

T. el-Fûl: I and II Fortr. *AAS* 4: 13, pl. 29: 1 (?), \*L 11th-E 10th cent.

**481** Beth-shan: R. 1036 (floor level), early Seti level. *B-S* II, ii: 30, pl. 46: 9 (gritty drab ware), 1313-1292, inscriptions, scarabs, etc. Albright, mainly 12th cent. *AAS* 17: 76 f.

T. Beit Mirsim: str. C, Si 13. *AAS* 12: 51, pl. 22: 35 (?), *ca.* 1520-1230, scarabs, comp.

**483** T. Beit Mirsim: str. C, Si 15. *AAS* 12: 51, pl. 22: 46 (?), *ca.* 1520-1230, scarabs, comp.

**484** Samaria: Ci 7-S1. S I: 292, fig. 170: 20e (?), 600-400, Aramaic ostraca, comp.

##### PLATE 29

**495** Balû'ah: lower levels of pit near N. wall. *PEQ* 1934: 79, pl. 2: fig. 2, no. 8, *ca.* 1200-900, comp.

**501** Samaria: Ci 7-S1. S I: 290, fig. 169: 16a; S II, pl. 65g, *ca.* 600-400, Aramaic ostraca, comp.

T. Abû Hawam: str. II. *QDAP* 3: 78, pl. 23: 15; *QDAP* 4: 4, fig. 4, *ca.* 525-375.

**502** Samaria: Ci 7-S1. S I: 290, fig. 169: 15a; S II, pl. 65: g, *ca.* 600-400, Aramaic ostraca, comp.

**504** Samaria: at the Basilica. S I: 284, fig. 161: 13 (?) (fine yellowish ware, heavy red wash, dull burnished), *ca.* 900-700, comp.

**511** Beth-zur: ? *BZ*, pl. 11: 1 (pinkish-buff), *ca.* 500-100, coins, seal imp., comp.

Samaria: S4-332 sub. S I: 277, fig. 153: 10 (?) (red ware, red wash) (see also Hellen. vessels, fig. 177), 900-700, comp.

T. Zakariyâ: ? *EP*, 102 f., pl. 49: 9, 750-*ca.* 350, seal imp., comp. (Bliss says "may be Seleucidian," p. 103.)

**514** Jericho: T. 9. *LAA* 19, pls. 33: 6 (?) (vase of yellowish ware, cream slip, three dull-red horizontally painted lines on shoulder. Also other loop leg vessels from this tomb), 44: b, right (?), 1700-1500, scarabs, comp., ? *J*, 123, fig. 122 (?), Israelitisch.

T. el-Fâr'ah: FC 376 ft., 9 in. *TF* II, pl. 83: 28J8 (?), XVI dyn.

#### THREE-HANDLED JARS

##### PLATE 30

**523** Beth-shan: E. of Temple area, late Ramesside level. *B-S* II, ii: 38, pl. 49: 33 (similar type but varies in details, red-brown ware, black in section; not painted), *ca.* 1000-300, comp. Albright, mostly 12th-11th, *AAS* 12: 38, 39; nothing discovered from 10th to 4th cent., *APB*, 184, note 55.

Jericho: Jüdische str. *J*, 137, fig. 144, Jüdisch.

**524** 'Ain Shems: level II. *BS*, p. 205: 202 (ring base much smaller, and handles (?)), p. 212, *ca.* 900-600, comp., seal from Temple not studied.

**525** 'Ain Shems: T. 1. *APEF* 2: 56, pl. 22: 15 (?), *ca.* 1300-950, comp., scarabs and amulets not studied. *AS* V: 136, late 10th and early 9th cent. T. 1. *APEF* 1, fig. 15: 11 (?), tomb considered mostly LB ii. Same comment. *Q32*, level III-IV? *AS* 2: 29, 66, pl. 41: 3, comp. Possibly *ca.* 1200-950, *AS* V: 15.

**527** 'Ain Shems: near T. 14 and S. 3. *AS* II: 64, pl. 40: 26, ? R. 312, II (?). *AS* III: 80 (?), pl. 27: g, r., *ca.* 900-600 (?), comp. R. 316, II. *Ibid.*, 78 f. (?), pl. 29: 4th row, 2d from left (?), same date. Ci 25 (1933), str. IIc. *AS* IV, pl. 67: 12 (rim slightly everted; reddish-brown ware, buff surface, black and white grits), *ca.* 825-586, seals, comp. R. 312 (1933), str. II. *Ibid.*, pl. 66: 41 (rims slightly different; reddish-brown ware, fine white grits), *ca.* 1000-586, seals, comp.

Jericho: ? *J*, 126, fig. 131 (?), Israelitisch.

Megiddo: str. III-I. *M* I, pls. 12: 62, 50: 62, 780-350. Albright, *ca.* 733-450 (?), *AJA* 44: 549.

T. Beit Mirsim: str. A. *AAS* 12: 80, pls. 34: 3 (?), 53: 3 (?) (others mentioned; similar in general type but all vary from Naşbeh material in detail), *ca.* 900-600, comp., seal imp., inscriptions.

T. ej-Judeideh: in burned layer above flooring. *EP*, 102 f. pl. 49: 3J (body ellipsoid. Note especially associated types mentioned p. 102), Jewish Period, *ca.* 750-350.

T. el-Hesî: 314 N.E. *TH*, 48, pl. 9: 190 (hard red-brown ware; type similar but details vary slightly), 600, post dated? (Bliss makes this level *ca.* 800, see *MMC*, 138, pl. 2.)

T. Jemmeh: ? *Gerar*, 21, pl. 55: 44g (?), ? ? *CPP*, 44g (?), ?

**531** T. Beit Mirsim: str. A. *AAS* 12: 80, pls. 34: 3 (?), 53: 3 (?) (others mentioned; similar in general type but all vary from Naşbeh material in detail), *ca.* 900-600, comp., seal imp., inscriptions.

#### PITCHERS

##### PLATE 31

**539** Beth-shan: level XII. *MJ* 24, pl. 10: 12, *ca.* 2300-2100, comp. Early EB iii, Wright, *PP*, chart.

Jericho: T. 351. *LAA* 22, pl. 34: 4 (drab ware, very coarse grits; body shape more regular), EB ii, comp. Early EB iv, Wright, *PP*, chart. R. 141, level 10.42 m. *Ibid.*, pl. 27: 13 (lt brick ware, red slip smooth outside; body shape more regular), same date. Synchronization with



chart, *LAA* 23, pl. 28, indicates layer VI-V, so EB ia, Wright, *PP*, chart.

540 Jericho: T. A. *LAA* 19, pls. 5: 17 (lt red ware), 23: i, MB i (2000-1800), comp. EB ii, *LAA* 22: 147; late EB iii, Wright, *PP*, chart.

Megiddo: str. XVIII. *SAOC* 17, chart 3 (more regular; compared to a vessel *SAOC* 10, chart, no. 3, that has a small horizontal loop handle (?) on the side which ranges Stages I-III), 3000-2500, comp. *Ca.* 3000-2800, Albright, *AJA* 44: 547.

T. Beit Mirsim: str. D. *AAS* 13: 86, pl. 15: 13, *ca.* 1625 (?)–1560, scarabs, alabastra, comp.

T. el-ʿAjjūl: T. 1856. *TA* IV, pl. 49: 34-03 (?) (less regular), ?

541 ʿAin Shems: R. 316 (1933), str. IIa. *AS* IV, pl. 62: 52 (red ware, small white grits), *ca.* 1000-950, comp.

542 Megiddo: ölzisterne der Mittelburg. *TM* I, fig. 90: d (?). Zisterne über der Mittelburg. *TM* II, fig. 14: d (?) (same cut as earlier publication).

543 Megiddo: Rs. 6, 7, str. III. *OIC* 4: 69, fig. 45: xii (?), 800-600, comp. Lamon and Shipton attribute to str. V, *ca.* 1050-1000, *M* I, 3, note. Albright dates this stratum *ca.* 1050-950, *AJA* 44: 548.

544 Megiddo: str. V. *M* I, pls. 6: 155 (brown-green, blue-black core, dark red wash, burnished; proportion of neck to body greater), 47: 155. 1060-1000, Albright, *ca.* 1050-950, *AJA* 44: 548.

545 ʿAin Shems: Peg U29 W. of 37. *AS* II: 20, 70, pl. 43: 3 (?) (body less globular), *ca.* 900-600. Possibly *ca.* 950-825, *AS* V: 15. *Ci* 14. *AS* IV, pls. 38: 22, 60: 2; *AS* V: 131, *ca.* 1200-1000.

Megiddo: Dritten Schicht der Nordburg. *TM* I, pl. 13: B 4th from left (?).

T. el-Fār'ah: T. 229. *TF* I: 13, pl. 39: 36H1 (?), XXI or XXII dyn. (?) (text implies XXI, Solomonic date, while plate reads XXII), comp., scarabs. Between 11th and 9th cent., *AS* V: 133. T. 743. *CPP*, 34B4, XXV dyn.

546 T. el-Fār'ah: T. 542. *TF* I: 9, pl. 25: center middle (?), *ca.* 1320, scarabs. (Albright and Starkey, 1200-1160, and possibly later, *AJA* 36: 299 ff.; *AAS* 12: 63; *Beth-pelet* II: 31.) *Ts.* 229, 542. *CPP*, 36H1 (?), XIX dyn. (see above note on T. 542).

547 ʿAin Shems: R. 316 (1933), str. IIa. *AS* IV, pl. 62: 51 (red ware, small white grits), *ca.* 1000-950, comp.

T. Jemmeh: E 185. *Gerar*, pl. 53: 34p (?), *ca.* 1200 (?), scarab, comp. *Ca.* 10th cent., Albright, *AAS* 12: 79. *CPP*, 34P1 (?), XX dyn. Same comment.

549 Megiddo: Rs. 6, 7, str. III. *OIC* 4: 69, fig. 45: 35, 800-600, comp. Later found to be of str. V, *M* I: 3, note, *ca.* 1050-1000. Albright, *ca.* 1050-950, *AJA* 44: 548. T. 1100D. *MT*, pl. 48: 16 (?) (spaced vertical burnishing), LB i (1600-1400). Str. II. *M* I, pls. 3: 80 (brown ocher, lt red wash), 45: 80, 650-600. Albright, *ca.* 670 (?)–609 (?), *AJA* 44: 549. Str. V. *M* I, pls. 6: 158, 47: 158, 1060-1000. See first note. *Ibid.*, pls. 8: 178 (greater rim diameter), 48: 178, 1060-1000. See first note.

550 Megiddo: Dritten Schicht der Nordburg. *TM* I, pl. 13: B top 2d from right (?).

551 ʿAin Shems: T. 1. *BS*, 185: right of 378 (probably similar shape), *ca.* 1275-1150, comp., scarab not studied. In later records T. 11 of which major group begins in 14th cent. and continues to *ca.* 1150, *AS* V: 32, 109; *AAS* 12: 41.

T. el-Fār'ah: T. 551. *CPP*, 35P2, XV dyn.

left center (probably similar form), *ca.* 1275-1150, comp., scarab not studied. See note under S 551.

Jericho: T. 9. *LAA* 19, pl. 33: 2 (similar form but larger and apparently with different rim; drab ware), 1700-1500, scarabs, comp.

554 Ed-Dāheriyeh: tomb. *QDAP* 4, pl. 63: row 1, no. 5, *ca.* 1000-?, comp. Grant and Wright, probably 9th cent., *AS* V: 137.

555 ʿAin Shems: Sub Y30. *AS* II: 27, 70, pl. 43: 14 (red; cream slip with horizontal red painted bands), *ca.* 1050-900, comp.

Ed-Dāheriyeh: tomb. *QDAP* 4, pl. 63: row 2, no. 3 (no. 2 of same row similar), *ca.* 1000-?, comp. See note under S 554.

T. Beit Mirsim: str. A. *AAS* 12: 82, pls. 59: 7, 37: 13, 900-600, seal imp., inscriptions, comp.

T. el-Fūl: *Ts.* ? *PEQ* 1915: 36, 37, pl. 4: fig. 2 (right), Maccabean or slightly earlier, Macalister. Of group typical of EI ii, Albright, *AAS* 12: 76.

T. Zakariyā: ? *EP*, 104, pl. 52: 3, 750-*ca.* 350, seal imp., comp.

557 Ed-Dāheriyeh: tomb. *QDAP* 4, pl. 61: row 3, no. 4 (?), *ca.* 1000-?, comp. See note under S 554.

558 T. Beit Mirsim: str. A. *AAS* 12, pl. 58: 3 (form is fairly close), *ca.* 900-600, seal imp., comp.

559 ʿAin Shems: U30, III. *AS* II: 68, pl. 42: 22 (?), *ca.* 1200-900, comp. Possibly *ca.* 1000-950, *AS* V: 15. R. 317, II. *AS* III, pl. 29: 6th line, p. 78, *ca.* 900-600 (some EI pottery found in this room), comp.

561 Megiddo: T. 237. *MT*, pls. 72: 12, 170: 6, EI i (1200-1100).

T. el-Fār'ah: T. 542. *TF* I: 9, pl. 25: 2d row from bottom left, *ca.* 1320, scarabs. (Albright and Starkey, 1200-1160, and possibly later, *AJA* 36: 300 and *TF* II: 31.) *CPP*, 39M2, XIX dyn. Same comment.

563 Megiddo: str. IV-III. *M* I, pls. 3: 73 (green-brown, sepia core, lt red wash), 45: 73, 1000-650. Albright, *ca.* 950-670 (?), *AJA* 44: 549.

564 ʿAin Shems: *Ci* 25. *AS* III: 62 f., pl. 27: d2 and g1, ? Between 8th and early 6th cent., *AS* V: 136. R. 363 (1933), str. II. *AS* IV, pl. 65: 38, *ca.* 1000-586, seals, comp.

Megiddo: Grab der Nordburg. *TM* II, fig. 51.

T. Beit Mirsim: R. SE23B-8, str. B<sub>3</sub>. *AAS* 12: 67, pl. 27: 8 (?), *ca.* 1000-920, comp.

565 T. Beit Mirsim: str. A. *AAS* 12: 82, pl. 38: 3 (?), 900-600, seal imp., inscriptions, comp.

566 Jericho: ? *J*, pl. 34: A, 20a, Jüdisch.

Megiddo: str. IV-III. *M* I, pls. 3: 74 (yellow), 45: 74, 1000-650. Albright, *ca.* 950-670 (?), *AJA* 44: 549.

567 ʿAin Shems: Y31. *AS* II: 68, pl. 42: 16 (?) (reddish with gray core; red slip, vertically burnished), 900-600 (?), comp. *Ci* 25. *AS* III: 62, pl. 27: 2, 4, ? Between 8th and early 6th cent., *AS* V: 136.

Jericho: ? *J*, pl. 33: A, 20a, Jüdisch.

T. Beit Mirsim: str. A. *AAS* 12: 82, pl. 38: 4 (?), 900-600, seal imp., inscriptions, comp.

568 Beth-shan: R. 1046, late Seti I level. *B-S* II, ii: 31, pl. 46: 20 (?) (red drab with smooth drab surface, small white grits), *ca.* 1250-1150, seal, comp. Mainly 12th cent., Albright, *AAS* 17: 76 f.

Jericho: ? *J*, pl. 33: A, 20b (?), Jüdisch.

T. Beit Mirsim: str. A. *AAS* 12: 82, pl. 38: 1, 900-600, seal imp., inscriptions, comp.

## PLATE 32

552 ʿAin Shems: T. 1 (later T. 11). *BS*, p. 173: 3

## PLATE 33

570 T. Zakariyā: ? *EP*, 84, pl. 30: 5, 1500-750, comp.

577 T. Jemmeh: HP183. *Gerar*, pl. 53: 34e, ca. 1200, scarab, comp. Albright, late 10th cent., *AAS* 12: 79. *CPP*, 34E (?), XIX dyn. Same comment.

578 Jericho: ? *J*, pl. 39: E, 7 (mouth flares slightly and apparently painted), Jüdisch.

T. el-Judeideh: ? *EP*, 104, pl. 53: 7 (?), 750-ca. 350, seal imp., comp.

580 'Ain Shems: R. 316 (1933), str. IIa. *AS* IV, pl. 62: 47, ca. 1000-950, comp.

582 T. el-Fâr'ah: T. 562. *CPP*, 35P1 (?), XXI dyn. Albright, late 11th and early 10th cent., *AJA* 36: 301.

583 T. Jemmeh: HV 185, HR 183. *Gerar*, pl. 58: 62c (?), ca. 1200, scarab, comp. Albright, 10th cent., *AAS* 12: 79. *CPP*, 62C (?), XX dyn. Same comment.

584 T. Beit Mirsim: str. A. *AAS* 12: 82, pl. 58: 5 (?), 900-600, seal imp., inscriptions, comp.

585 'Ain Shems: T. 7. *APEF* 2, pl. 47: 14 (?) (considerably smaller), ca. 950-700, comp. 7th or early 6th cent., *AS* V: 136. Ci 25 (1933), IIc. *AS* IV, pl. 67: 10, ca. 825-586, seals, comp.

Beth-zur: ? *BZ*, pl. 11: 4 (more slender and has flat base), ca. 500-100, coins, seal imp., comp.

T. Beit Mirsim: str. A. *AAS* 12: 82, pl. 58: 4 (?), ca. 900-600, seal imp., inscriptions, comp.

586 'Ain Shems: Ci 25. *AS* III: 62, pl. 27: e1, ? Between 8th and early 6th cent., *AS* V: 136.

T. Beit Mirsim: str. A. *AAS* 12: 82, pl. 58: 7, 900-600, seal imp., inscriptions, comp.

587 'Ain Shems: III, T. 28. *AS* II: 19, 70, pl. 43: 12 (?), ca. 1200-900, comp. Possibly ca. 1000-950, *AS* V: 15.

588 T. Beit Mirsim: str. A. *AAS* 12: 82, pl. 58: 9 (?), 900-600, seal imp., inscriptions, comp.

#### PLATE 34

589 Beth-shan: mud brick level on summit. *B-S* III: 39, pl. 32: 3 (?), EI, comp.

T. Beit Mirsim: str. A. *AAS* 12: 82, pl. 59: 10, 900-600, seal imp., inscriptions, comp.

592 Beth-zur: ? *BZ*, figs. 37: center r., 38: top 1, ca. 500-100, coins, seal imp., comp.

Megiddo: T. 989 D1. *MT*, pl. 20: 10 (?), LB ii (1400-1200).

594 Jericho. *J*, pl. 44: B, 4 (?), Byzantinisch.

Samaria: Ci 3-S7. *S* I: 301, fig. 177: 7 f, 300-50, comp.

595 Jericho: ? *J*, pl. 44: B, 5 (?), Byzantinisch.

596 T. Jemmeh: AL202. *Gerar*, pl. 53: 38m, ca. 550, comp. Possibly 5th cent., Grant and Wright, *AS* V: 141 and note 31. *CPP*, 37B2. XXVI dyn. Same comment.

602 T. el-'Ajjul: T. 392. *TA* III, pl. 34: 34F3 (?), ?

604 T. el-Fâr'ah: T. 377. *CPP*, 35E, XXI dyn.

#### RED JUGS

606 'Ain Shems: R. 463 (1933), str. III (handle and rim fragment possibly ascribed to wrong str. or could be intrusive). *AS* IV, pl. 38: 14, ca. 1200-1000, comp. (Prototypes for this class of vessel might be similar to pls. 10: 11, 23; 11: 20-25; 12: 8, 9, 16; 15: 4, 5; 20: 16, 26-29; 22: 17, 21; 91: 15-18; 93: 2; 101: 5, 11 of *MT*. See also *SAOC* 10: 66 and fig. 18: A, B, C, D, E. The last three have handles and are quite close to S 609-610). T. 2. *APEF* 2: 67, pl. 37: 13 (has clay stopper), ca. 950-700, comp., scarabs not studied. 7th or early 6th cent., *AS* V: 136. Repository of T. 8. *Ibid.*, pl. 54: 12 (?), ca. 850-700, comp., inscription. Same comment.

609 T. el-Fûl: Ts., S. slope. *PEQ* 1915: 36, 37, pl.

4: 2 (left), Maccabean or slightly earlier, Macalister. Albright, EI ii, *AAS* 12: 76.

T. el-Hesî: level 325 E. *TH*, 48, pl. 9: 194, 700, comp. Bliss, apparently with 6th and 5th cent., *MMC*, pl. 2, however E. side of city higher than N. W.

610 'Ain Shems: T. 6. *APEF* 2: 79, pl. 44: 9, ca. 950-700, comp. 7th or early 6th cent., *AS* V: 136. T. 8. *Ibid.*, pl. 57: 8, ca. 850-700, comp., inscribed seal. Same comment.

#### PLATE 35

612 'Ain Shems: repository of T. 2. *APEF* 2, pl. 33: 21 (?), ca. 1050-850, comp., scarabs not studied. Ca. 8th cent. Albright, *AAS* 12: 83; *AS* V: 136. T. 8. *Ibid.*, pl. 56: 3 (?), ca. 850-700, comp., inscribed seal. 7th or early 6th cent., *AS* V: 136. R. 337 II. *AS* III: 73, fig. 5: 3-164 (?), ca. 900-600, comp. Possible ca. 825-586, *AS* V: 15. Ci 25 (1933), str. IIc. *AS* IV, pl. 67: 2 (shape between S 612 and 614), ca. 825-586, seals, comp.

614 'Ain Shems: E. side of Z31, II. *AS* II: 25, 70, pl. 43: 18 (?), ca. 900-600, comp.

#### JUGS

615 Beth-shan: level 12. *MJ* 24, pl. 10: 13, ca. 2300-2000, comp. Wright, early EB iii, *PP*, chart.

Jericho: square F5, B str. *LAA* 19: 14, pl. 1: 6 (brick clay red slip, originally burnished, handmade), MB i (2000-1800), comp. T. 351. *LAA* 22, pl. 34: 19, EB ii, comp. Wright, early EB iv, *PP*, chart. R. 140, level 10.62. *Ibid.*, pl. 27: 21 (coarse gray ware, traces of red slip), EB ii, comp. Synchronization with chart, *LAA* 23, pl. 28, indicates str. V, so EB ib, Wright, *PP*, chart.

Megiddo: T. 52. *MT*, pl. 6: 5 (body more slender), stages I-III, ca. 2200-2800. Wright, ca. 2900-2600, *PP*, chart.

617 Et-Tell (Ai): Necropolis. *Syria* 16: 345, pls. 58: 42, 57: row 2, no. 6, ca. 3000-2500, comp. Wright dates EB i, especially ia, *PP*, 61 and chart.

Jericho: T. A. *LAA* 19, pl. 5: 5. MB i (2000-1800), comp. Wright, late EB iii, *PP*, chart.

Megiddo: str. XVIII. *SAOC* 17, pl. 14: 27 (red-buff metallic ware, burnished, handmade), chart 7, 3000-2500, comp. Ca. 3000-2800, Albright, *AJA* 44: 547.

620 'Ain Shems: R. 317, II. *AS* III: 78, pl. 25: top center, ca. 900-600, comp. R. 419 (1933), str. III. *AS* IV, pls. 60: 24, 37: 25 (red brown, sandy irregular red slip outside, spout painted in red lines), ca. 1200-1000.

621 T. Jemmeh: EU 189. *Gerar*, 22, pl. 58: 67q (?), ca. 1000, comp. Albright, early 9th cent., *AAS* 12: 79.

622 T. es-Şâfi: ? *EP*, 87, pl. 31: 2, 1500-750, comp.

623 Megiddo: Rs. 6, 7, str. III. *OIC* 4: 69, fig. 45: x1 (ruder form), 800-600, comp. Later found to be of str. V, *M* I, 3, note, ca. 1050-1000. Albright, ca. 1050-950, *AJA* 44: 548. Q13: 7, str. V. *OIP* 26: 34, pl. 38: 3015 (black to brown ware; highly burnished) (?), EI. See note above on date of str. V. Str. V. *M* I, pl. 5: 117 (ruder form; green-brown to blue-black, close wheel burnish below shoulder, vertical burnishing above) (?), 1060-1000. See note above on date of str. V.

624 Megiddo: str. II. *M* I, pl. 3: 84 (?) (yellow, lt red wash, vertical hand burnishing), 650-600. Albright, ca. 670 (?) - 609 (?), *AJA* 44: 549.

#### PLATE 36

626 'Ain Shems: R. 306, II. *AS* III, pl. 25: 7th line center (grayish-red with pinkish surface; bands of dark red around shoulder), p. 82, fig. 6: 4-20, ca. 900-600, comp.

627 T. Beit Mirsim: str. A. *AAS* 12: 82, pl. 38: 15 (?), *ca.* 900-600, seal imp., inscriptions.

629 'Ain Shems: W. of II 138. *AS* II: 25, 70, pl. 43: 7 (?) (smaller; burnished horizontally), *ca.* 900-600, comp.

Beth-shan: E. of Temple area, Rameses II level. *B-S* II, ii: 13, 34, pl. 48: 4 (flat base of greater diameter; purple lines), 1292-1000, inscriptions, scarabs, etc. Albright, 12th to 10th cent., *AAS* 17: 76 f.

Megiddo: str. V. *M I*, pls. 7: 172, 48: 172, 1060-1000. Albright, *ca.* 1050-950, *AJA* 44: 548.

Sahab: tomb. *AJA* 36: 297, fig. 2: 9 (shows a technique characteristic of EI and cannot be dated later than 9th cent., Albright).

633 Megiddo: str. V. *M I*, pls. 6: 146 (?) (brown-green, sepia core, dark red wash, close vertical hand burnishing; flat base), 47: 146 (?), 1060-1000. Albright, *ca.* 1050-950, *AJA* 44: 548.

634 'Ain Shems: R. 393 (1933), probably IIa. *AS* IV, pl. 65: 39 (varies slightly; dark red painted bands), *ca.* 1000-950, comp.

Beth-shan: buried under floor of R. E. of Temple area, late Ramesside level. *B-S* II, ii: 42, pl. 51: 4 (brown ware; not painted), *ca.* 1000-300, comp. Albright, 12th and 11th cent., *AAS* 12: 38, 39.

Megiddo: str. V. *M I*, pls. 6: 147 (brown-green, sepia core, dark red wash, close vertical hand burnishing), 47: 147, 1060-1000. See comment on S 633.

635 'Ain Shems: near peg W26, str. III (?). *AS* II: 20, 70, pl. 43: 4, *ca.* 1200-900, comp. Possibly *ca.* 1000-950, *AS* V: 15. R. 317, II. *AS* III, fig. 6: 3-52 (pinkish ware, several narrow bands of liver brown around the shoulder), pl. 29: 6th line center, p. 78, *ca.* 900-600, comp. R. 395 (1933), (probably IIb in type), *AS* IV, pl. 65: 42 (varies slightly), *ca.* 950-825, comp.

Megiddo: Rs. 6, 7, str. III. *OIC* 4: 69, fig. 45: 12, 800-600, comp. Later found to be of str. V. *M I*: 3, note, *ca.* 1050-1000. Albright, *ca.* 1050-950, *AJA* 44: 548. Str. V. *M I*, pls. 7: 171 (brown ocher, dark red wash, irregular hand burnishing; body somewhat spheroid in shape), 48: 171, 1060-1000. Albright, *ca.* 1050-950, *AJA* 44: 548.

T. el-Fār'ah: T. 902. *TF* I, pl. 16: bottom left center (?), *ca.* 1400-1300, scarabs, amulets, comp. Albright, *ca.* 13th cent., *AAS* 12: 42.

636 'Ain Shems: R. 459 (1933), str. III. *AS* IV, pl. 61: 37 (horizontal bands of white paint around body), *ca.* 1200-1000, comp.

Jericho. ? *J*, pl. 39: E, 6a (?) (less rounded and apparently painted), Jüdisch.

Megiddo: str. III-II. *M I*, pls. 4: 96, 46: 96, 780-600. Albright, *ca.* 733-609 (?), *AJA* 44: 549. Str. V. *Ibid.*, pls. 7: 174 (brown ocher, dark red wash, irregular hand burnishing; rim everted), 48: 96, 1060-1000. Albright, *ca.* 1050-950, *ibid.*, 548.

638 T. Beit Mirsim: str. A. *AAS* 12: 82, pl. 37: 2 (?), *ca.* 900-600, seal imp., inscriptions, comp.

639 'Ain Shems: II 88. *AS* II: 70, pl. 43: 25 (handle with one rib), *ca.* 900-600, comp. R. 395, II. *AS* III: 63, pl. 24: line 4, 2d from left, same date. Area X32 (1930), str. III. *AS* IV, pl. 40: 35 (?), *ca.* 1200-1000, comp.

640 'Ain Shems: T. 1. *BS*, pl. 195: 45, p. 180, p. 165: in 2 (?), *ca.* 1275-1150, comp., scarab not studied. Tomb 11 of later records; begins in 14th cent. and continues to *ca.* 1150, *AS* V: 32, 109, and *AAS* 12: 41.

Jericho. ? *J*, pl. 39: E, 6b (?) (apparently painted), Jüdisch. *Ibid.*, pl. 32: A, 15b (?), Jüdisch.

T. Jemmeh: FL189, EY187, GO185. *Gerar*, 22, pl. 58:

63 (reddish-brown, burnished), *ca.* 1200-1000, scarab, comp. Albright, *ca.* 10th cent., *AAS* 12: 79. *CPP*, 63c, XX, XXI dyn. Same comment.

642 'Ain Shems: T. 1 (later T. 11). *BS*, p. 169: 2 left, *ca.* 1275-1150, comp., scarab not studied. See Albright under S 640.

Jericho: ? *J*, pl. 32: A, 14a (?), Jüdisch.

644 T. Jemmeh: ? GK184. *Gerar*, pl. 53: 34K (?), *ca.* 1200, scarab, comp. Albright, 10th cent., *AAS* 12: 79. *CPP*, 34N (?), XX dyn. Same comment.

645 Megiddo: str. III-II. *M I*, pls. 3: 87 (green-brown, lt red wash, irregular hand burnishing), 45: 87, 780-600. Albright, *ca.* 733-609?, *AJA* 44: 549.

647 'Ain Shems: repository of T. 2. *APEF* 2: 65, pl. 33: 17, *ca.* 1000-850, comp., scarabs not studied. 8th cent. or earlier, *AS* V: 136. R. 402 (1933) (probably str. III). *AS* IV, pl. 65: 35 (base and neck varies slightly; band of white paint around shoulder), *ca.* 1200-1000, comp.

Megiddo: str. III-II. *M I*, pls. 4: 95 (dark brown ocher, sepia core, burnt umber wash), 46: 95, 780-600. See Albright on S 645.

T. Jemmeh: GK 183. *Gerar*, 21, pl. 53: 34, *ca.* 1200, scarab, comp. = *CPP*, 34H, XX dyn. Albright, 10th cent., *AAS* 12: 79.

#### PLATE 37

648 'Ain Shems: T. 7. *APEF* 2, pl. 47: 15, *ca.* 950-700, comp. 7th or early 6th cent., *AS* V: 136.

649 'Ain Shems: II 70. *AS* II: 70, pl. 43: 11 (on axis; handle cross section ovoid), *ca.* 900-600, comp.

'Athlit: cremated burials, burial xi. *QDAP* 6: 146, fig. 11: 2 (more symmetrical), *ca.* 700-600, comp.

650 Jericho. ? *J*, pl. 32: A, 15a (?), Jüdisch.

T. Beit Mirsim: str. B<sub>3</sub>. *AAS* 12: 68, pl. 27: 37 (?) (rim), *ca.* 950-920, comp.

651 'Ain Shems: T. 8. *APEF* 2: 88, pl. 56: 11, *ca.* 850-700, comp., inscribed seal. 7th or early 6th cent., *AS* V: 136. R. 321 (1933), str. II. *AS* IV, pl. 45: 4 (?), *ca.* 1000-586, seals, comp.

653 Megiddo: str. VI. *SAOC* 17, pl. 1: 5 (well formed with greater accentuation of details of neck and rim), chart 12, 1170-1100, comp. Albright, *ca.* 1140-early 11th cent., *AJA* 44: 548.

654 'Ain Shems: T. 1. *BS*, p. 169: 1 right center (?), *ca.* 1275-1150, comp., scarab not studied. Tomb 11 of later records; begins in 14th cent. and continues to *ca.* 1150, *AS* V: 32, 109 and *AAS* 12: 41.

655 'Ain Shems: R. 539, IV. *AS* III: 25, pl. 19: top 2d from left, LB or possibly *ca.* 1200-1000, comp. (See p. 25.)

T. Abū Hawam: R. 54 at rather high level, area D4, str. V. *QDAP* 4, fig. 229 (?) (grayish-fawn ware, fine texture, smoothed with a knife), *ca.* 1400-1230, scarabs, comp.

660 'Ain Shems: R. 382 (1933), str. II. *AS* IV, pl. 45: 8 (?) (reddish-brown ware, fine grits), *ca.* 1000-586, seals, comp.

T. Jemmeh: EG189. *Gerar*, pl. 53: 35, *ca.* 1000-930, XXII dyn., amulets, comp. Albright, early 9th cent., *AAS* 12: 79. *CPP*, 35d, XXI dyn. Same comment.

? WAE. *CPP*, 59K1. ?

661 Megiddo: str. III-I. *M I*, pl. 4: 103 (burnt umber, well fired), 780-350. Albright, 733-*ca.* 450 (?), *AJA* 44: 549.

663 Beth-shan: E. of Temple area, Hellenistic level. *B-S* II, ii: 15, 42, pl. 51: 13 (?) (fine black ware), 300-100, comp.

664 T. Beit Mirsim: str. A<sub>2</sub>. *AAS* 12: 87?, pl. 70: 14 (?), *ca.* 800-600, comp.

666 T. el-Fār'ah: T. 229. *TF* I: 13, pl. 39: 63K (?), XXI or XXII dyn. (Text implies tomb is Solomonic while plate indicates it is XXII dyn.), scarabs, comp. Of a series dated between 11th and 9th cent., *AS* V: 133.

T. Jemmeh: EJ190. *Gerar*, 22, pl. 58: 63 (?), *ca.* 10th cent., XXII dyn., amulets, comp. Albright, early 9th cent., *AAS* 12: 79. *CPP*, 63h (?), XXI dyn. Same comment.

667 'Ain Shems: R. 376 (1933), str. II. *AS* IV, pl. 45: 5 (?) (vertically burnished), *ca.* 1000-586, seals, comp.

Megiddo: Rs. 6, 7, str. III. *OIC* 4: 69, fig. 45: 31, 800-600, comp. Later found to be of str. V, *M* I: 3, note, *ca.* 1050-1000. Albright, *ca.* 1050-950, *AJA* 44: 548. Str. III-I. *M* I, pl. 4: 109, 780-350. Albright, *ca.* 733-*ca.* 450 (?), *Ibid.*, 549.

673 'Ain Shems: T. 7. *APEF* 2: 82, pl. 47: 7 (rim missing), *ca.* 950-700, comp. 7th or early 6th cent., *AS* V: 136.

674 Jericho. ? *J*, pl. 38: D, 1 (apparently has painted decoration), Jüdisch.

T. Beit Mirsim: str. A. *AAS* 12: 82, pls. 58: 2, 37: 15 (?) (body more globular), *ca.* 900-600, seal imp., inscriptions.

T. ej-Judeideh: ? *EP*, 104, pl. 53: 14, 750-*ca.* 350, seal imp., comp.

#### PLATE 38

677 T. Jemmeh: BZ198. *Gerar*, pl. 58: 66v (?), *ca.* 700, comp. Albright, 6th cent., *AAS* 12: 79. *CPP*, 66v (?), XXV dyn. Same comment.

678 Beth-shan: R. 1046, late Seti I level. *B-S* II, ii: 31, pl. 46: 21 (gritty buff ware with traces of red wash), *ca.* 1250-1150, seal, comp. Albright, 12th cent., *AAS* 17: 76 f.

T. el-Hesi: NW trench. *TH*, pl. 9: 197 (?), ?

683 T. Jemmeh: BQ200. *Gerar*, pl. 59: 77r (has rounded base as also some Naşbeh vessels classified here), *ca.* 600, comp. Probably 6th cent., Grant and Wright, *AS* V: 141, and note 31. (Also similar *G* III, pl. 187: 5, and *EP*, pl. 53: 12.) *CPP*, 77r, XXVI dyn. Same comment.

684 'Ain Shems: T. 6. *APEF* 2: 79, pl. 44: 11, *ca.* 950-700, comp. 7th or early 6th cent., *AS* V: 136. T. 8. *Ibid.*, 88, pls. 56: 15, 57: 20, *ca.* 850-700, comp., inscribed seal. Same comment.

687 T. Jemmeh: BO197. *Gerar*, 20, pl. 47: 4 (?), *ca.* 700, comp. Albright, late 7th cent., *AAS* 12: 79.

689 T. Jemmeh: GA190. *Gerar*, pl. 58: 65e, *ca.* 950, amulets, comp. Albright, early 9th cent., *AAS* 12: 79. *CPP*, 65e, XXII dyn. Same comment.

693 Beth-shan: R. 1058, late Seti I level. *B-S* II, ii: 11, 31, pl. 46: 26 (brown ware, some small white grits, brown red wash, burnished), *ca.* 1250-1150 (also characteristic of Rameses II level *ca.* 1292-1000), comp., seal. Albright, 12th cent., *AAS* 17: 76 f. R. 1028, Rameses II level. *B-S* II, ii: 13, 34, pl. 48: 2 (?) (wider neck, probably pitcher rather than jug; brown ware, black grits, exterior covered with red wash, burnished), *ca.* 1292-1000, inscriptions, scarabs, comp. Albright, 12th-10th cent., *AAS* 17: 76 f.

T. ej-Judeideh: ? *EP*, 103, pl. 49: 12 (has ring base). 750-*ca.* 350 (may be older), seal imp., comp.

T. el-Fār'ah: T. 542. *TF* I, pl. 25: center left, *ca.* 1320, scarabs. Albright, 12th cent., *AJA* 36: 300. T. 201. *CPP*, 39P1 (?), XXII dyn. Grant and Wright, 11th and 9th cent., *AS* V: 133.

T. Jemmeh: GV186. *Gerar*, pl. 53: 34p (?), *ca.* 1150, comp. Albright, 10th cent., *AAS* 12: 79.

694 'Ain Shems: T. 1. *APEF* 2, pl. 22: 28 (?), *ca.*

1300-950, comp., scarabs and amulets not studied. Late 10th and early 9th cent., *AS* V: 136. R. 379, II. *AS* III: 67, pl. 25: 5th line 2d from left (pink), *ca.* 900-600, comp. R. 379 (1933), str. II. *AS* IV, pl. 65: 37 (not well formed), *ca.* 1000-586, seals, comp.

Megiddo: Nordburg. *TM* I, fig. 33 lower right (?).

T. Beit Mirsim: str. A. *AAS* 12: 84, pl. 66: 23 (?) (considered miniature replica of pl. 58: 2), 900-600, seal imp., inscriptions.

695 T. Beit Mirsim: str. A. *AAS* 12: 84, pl. 66: 27 (?) (considered miniature replica of types on pl. 58), 900-600, seal imp., inscriptions.

698 'Ain Shems: Ci 21 (beneath B. H.). *AS* II: 31, 68, pl. 42: 23 (?), ? MB. Possibly *ca.* 1200-1000, *AS* V: 43.

Samaria: Ci 7-S1. *S* I, figs. 167: 7a (?), 170: 21a (?), pp. 290, 292, 600-400, Aramaic ostraca, comp.

T. Jemmeh: 199, B196. *Gerar*, pl. 57: 57j (?), *ca.* 750-650, comp. Albright, late 7th and early 6th cent., *AAS* 12: 79. *CPP*, 57j (?), XXV dyn. Same comment.

706 Megiddo: T. 989 Al. *MT*, pl. 16: 18, LB ii (1400-1200).

T. ej-Judeideh: ? *EP*, 104, pl. 53: 2 (?), 750-*ca.* 350, seal imp., comp.

707 'Ain Shems: E. grotto. *APEF* 2: 50, pl. 20: 16 (?) (painted decoration, horizontal bands, vertical and oblique and wavy lines, in mat red and white), *ca.* 1500-1300, comp., alabaster chalice. LB ii, *ca.* 1425-1200, *AS* V: 111. *APEF* 1, fig. 15: 18 (?) (same as note above). See above comment.

Megiddo: T. 911 A1. *MT*, pl. 30: 10, LB ii (1400-1200).

T. el-Ajjûl: AQ740 = 1040. *TA* III, pl. 38: 60Q0 (?), *ca.* XVI dyn., scarabs, comp. Albright, possibly *ca.* 16th cent., *AJS* 55: 347, 348, 359.

T. el-Fār'ah: T. 902. *TF* I, pl. 16: 2d row from bottom on right, *ca.* 1400-1300, scarabs, amulets, comp. Albright, *ca.* 13th cent., *AAS* 12: 42.

709 'Ain Shems: R. 330, II. *AS* III: 74, pl. 25: 7th row right (?) (pinkish-tan), *ca.* 900-600, comp.

Megiddo: str. VI. *SAOC* 17, pl. 1: 7 (pink-buff, red decoration over buff wash), chart 3, 1170-1100, comp. Albright, *ca.* 1140-early 11th cent., *AJA* 44: 548.

T. Abū Hawam: area D4, str. III. *QDAP* 4: 7, 20, fig. 59, *ca.* 1100-925, comp.

T. el-Fār'ah: T. 225. *CPP*, 34T8 (?), XXIII dyn. T. 552. *CPP*, 59T (?), XIX dyn. Albright and Starkey date this tomb to 12th cent. and perhaps slightly later, *AJA* 36: 300 and *TF* II: 31.

713 Beth-shan: R. 1028, Rameses II level. *B-S* II, ii: 13, 34, pl. 48: 5 (?), (fine dark gray ware, buff slip outside, highly polished), 1292-1000, inscriptions, scarabs, etc. Albright, 12th to 10th cent., *AAS* 17: 76 f.

#### PLATE 39

719 Samaria: Ci 7-S1. *S* I: 292, fig. 170: 20c (?), 600-400, Aramaic ostraca, comp.

T. Jemmeh: NWT195. *Gerar*, 22, pl. 58: 66j (?), *ca.* 800, comp. Albright, latter part of 7th cent., *AAS* 12: 79. *CPP*, 66j.

#### DECANTERS

733 Beth-shan; mud brick level on Summit. *B-S* III: 39, pl. 32: 2, EI, comp. Albright, mostly 12th-11th cent., *AAS* 12: 38, 39.

Jericho. ? *J*, pl. 33: A, 16c (no strengthening ridge at handle attachment; apparently incised lines on shoulder), Jüdisch.

Megiddo: str. III-I. *M I*, pls. 4: 106, 46: 106, 780-350. Albright, *ca.* 733-*ca.* 450 (?), *AJA* 44: 549.

**734** 'Ain Shems: repository of T. 2. *APEF* 2: 66, pl. 33: 28 (?), *ca.* 1000-850, comp., scarabs not studied. 8th cent. or earlier, *AS V*: 136. T. 7. *APEF* 2, pl. 47: 12, *ca.* 950-700, comp. 7th or early 6th cent., *AS V*: 136. Repository of T. 8. *APEF* 2, 86 f., pl. 54: 19, *ca.* 850-700, comp., inscription. Same comment. T. 8. *Ibid.*, pl. 57: 18, *ca.* 850-700, comp., inscribed seal. Same comment. NW slope S26. *AS II*: 70, pl. 43: 26, ?

Beth-zur: ? *BZ*, pl. 9: 5 (gray with buff slip. See also fig. 32), *ca.* 900-600, seal imp., comp.

Jericho: ? *J*, pl. 33: A, 15c, Jüdisch.

T. Beit Mirsim: str. A. *AAS* 12: 82 f., pl. 59: 1 (little variation from this form shown by other examples, as also pl. 37: 1), 900-600, seal imp., inscriptions, comp.

T. el-Fül: III Fortr. *AAS* 4: 24 f., pl. 24b, fig. 2, \**Ca.* 750-589. Ts., S. slope. *PEQ* 1915: 36 f., pl. 4, fig. 1 (right) (?), Maccabean or slightly earlier, Macalister. El ii, Albright, *AAS* 12: 76.

**735** 'Ain Shems: T. 2. *APEF* 2: 67, pl. 37: 14 (?), *ca.* 950-700, comp., scarabs not studied. T. 5. *Ibid.*, 76, pl. 41: 14, *ca.* 950-700, comp. scarabs and amulets not studied. T. 6. *Ibid.*, 79, pl. 44: 10, *ca.* 950-700, comp. T. 7. *Ibid.*, pl. 47: 13, *ca.* 950-700, comp. T. 8. *Ibid.*, pl. 56: 13, *ca.* 850-700, comp., inscribed seal. All of above at the latest 7th or early 6th cent., *AS V*: 136.

T. el-Fül: Ts., S. slope. *PEQ* 1915: 36, 37, pl. 4, fig. 1 (center), Maccabean or slightly earlier, Macalister. El ii, Albright, *AAS* 12: 76.

**736** 'Ain Shems: R. 304 (1933), str. II. *AS IV*, pl. 45: 13, *ca.* 900-600, seals, comp.

Megiddo: T. 219. *MT*, pls. 42: 30 (a cruder form, but somewhat similar), 141: 11, MI (1000-600).

**737** 'Ain Shems: R. 330 (1933), str. II. *AS IV*, pl. 45: 14, *ca.* 900-600, seals, comp.

T. Jemmeh: CY192.8, ER191, FJ189. *Gerar*, 20, 22, pls. 47: 8, 58: 65c, *ca.* 950-850, amulets, comp. Albright, 9th-7th cent., *AAS* 12: 79. *CPP*, 65C2, XXII dyn. Same comment.

**738** 'Ain Shems: T. 5. *APEF* 2: 76, pl. 41: 16, *ca.* 950-700, comp., scarabs and amulets not studied. 7th or early 6th cent., *AS V*: 136. Strip. *AS III*, fig. 6: 3-85, pl. 29: line 3 left, ?

**739** 'Ain Shems: T. 5. *APEF* 2: 76, pl. 41: 18, *ca.* 950-700, comp., scarabs and amulets not studied. 7th or early 6th cent., *AS V*: 136. Repository of T. 8. *APEF* 2, 86 f., pl. 54: 21, *ca.* 850-700, comp., inscription. Same comment. T. 8. *Ibid.*, pl. 57: 13 and 16, *ca.* 850-700, comp., inscribed seal. Same comment. R. 378 (1933), str. II. *AS IV*, pl. 45: 15, *ca.* 900-600, comp.

**740** T. el-Fül: Ts., S. slope. *PEQ* 1915: 36, 37, pl. 4, fig. 1 (left), Maccabean or slightly earlier, Macalister. El ii, Albright, *AAS* 12: 76.

**742** 'Ain Shems: surface debris, strip 6 E. (1933). *AS IV*, pl. 45: 16, *ca.* 900-600, comp.

**743** 'Ain Shems: R. 118, II. *AS II*: 19, 70, pl. 43: 5, *ca.* 900-600, comp.

T. Jemmeh: FJ190. *Gerar*, pl. 59: 75, *ca.* 950, amulets, comp. Albright, early 9th cent., *AAS* 12: 79. *CPP*, 75T, XXII dyn. Same comment.

T. Zakariyā and T. el-Hesī: ? *EP*, 102, 104, pls. 52: 6, 49: 6 (?), 21: 6 (?), 750-350, seal imp., comp.

67: 8 (lt brown, horizontally burnished), *ca.* 825-586, seals, comp.

**747** 'Ain Shems: T. 5. *APEF* 2: 76, pl. 41: 17 (?), *ca.* 950-700, comp., scarabs and amulets not studied. 7th or early 6th cent., *AS V*: 136. Level II. *AS II*: 70, pl. 43: 13, *ca.* 900-600, comp.

**748** 'Ain Shems: Ci 25 (1933), str. IIC. *AS IV*, pl. 67: 7 (lt brown), *ca.* 825-586, seals, comp.

**749** 'Ain Shems: T. 4. *APEF* 2: 72, pl. 39B: 5, *ca.* 950-700, comp., scarabs not studied. 7th or early 6th cent., *AS V*: 136. Repository of T. 8. *APEF* 2, 87, pl. 54: 16 (?), *ca.* 850-700, comp., inscription. Same comment.

## JUGLETS

**753** Megiddo: T. 29. *MT*, pl. 23: 30, MB ii.

**755** T. el-Hesī: 280 ft. level, SE. *TH*, pl. 6: 94 (?), 1600, conjectured. Albright, probably of EB, *BAS* 17: 7.

**756** This type is so well represented in MB deposits throughout Palestine that it was not thought of any value to list the numerous comparisons. Almost all sites which have MB ii materials have this shape, or closely allied forms, which continue into LB.

**757** 'Ain Shems: E. grotto (T. 10). *APEF* 2: 48, pl. 20: 8 (?) (more bulbous and pointed), *ca.* 1500-1300, comp., alabaster chalice, LB ii, *ca.* 1425-1200, *AS V*: 111. T. 2 (T. 12). *BS*, p. 147: right center 368, p. 160, *ca.* 1400, comp., scarabs not studied. Mostly *ca.* 1650-1550, *AS V*: 31 f., 108 f.

Megiddo: T. 911 A1. *MT*, pl. 28: 43 (burnt umber 3, lt red 1 wash, spaced vertical burnishing), MB ii (1800-1600). T. 911 D. *MT*, pls. 31: 17 (brown ocher 3 core, black lead 3 surface, lt red 2 to brown ocher 2 wash, close vertical burnishing; more globular), 121: 9, see above date. T. 912. *MT*, pls. 35: 10 (brown ocher 2, indian red 3 wash outside and over rim, spaced vertical burnishing), 124: 4, see above date.

Râs el-'Ain: str. I. *QDAP* 6: 109, pl. 33: 14 and fig. 16, MB ii (1800-1600), comp.

T. el-Fâr'ah: T. 533. *TF* I, pl. 16: top 2d from right, late XVIII dyn.

**758** T. el-Fâr'ah: T. 542. *TF* I: 9, pl. 25: center 2d from left, *ca.* 1320, scarabs. Albright, 12th cent., *AJA* 36: 300.

**759** T. Jemmeh: FM190, EU190, HD186. *Gerar*, pl. 57: 53e, *ca.* 1150-1000, comp. Albright, *ca.* 950-875, *AAS* 12: 79. *CPP*, 53C, XXI dyn. Same comment.

**760** 'Ain Shems: W45, II. *AS II*: 33, pl. 38: 25 (?), *ca.* 900-600, comp.

T. el-Fâr'ah: T. 615. *CPP*, 50H (?), XIX dyn.

**761** 'Ain Shems: near Sq. V41. *AS II*: 36, pl. 38: 4, ? Jericho: ? *J*, pl. 34: A, 26a (?), Jüdisch.

**762** 'Ain Shems: E. scarp SE of kiln. *AS II*: 60, pl. 38: 14, ? R. 342, II (associated with royal seal imp., and post-torso of Astarte figurine). *AS III*: 72 f., fig. 6: 4-139, pl. 24: 3.3, *ca.* 900-600, comp.

Jericho: H. 6, R. 4. *LAA* 21: 104, 110, pl. 24: 2, EI, comp.

Megiddo: T. 63. *MT*, pl. 60: 24 (?) (lt red 3 wash), MI (1000-600).

T. Beit Mirsim: S. 1, str. B<sub>2</sub>. *AAS* 12: 64, pl. 28: 29, *ca.* 1150-1000, comp.

T. Jemmeh: EF188, 189, 190. *Gerar*, pl. 57: 53j, *ca.* 1050-950 (?), amulets, comp. Albright, *ca.* 950-850, *AAS* 12: 79. *CPP*, 53J, XXI dyn. Same comment.

**763** Megiddo: str. III. *M I*, pls. 1: 28, 44: 28, 780-650. Albright, 733-*ca.* 670 (?), *AJA* 44: 549.

## PLATE 40

**746** 'Ain Shems: Ci 25 (1933), str. IIC. *AS IV*, pl.



T. Beit Mirsim: str. C. *AAS* 13: 90, pl. 18: 2, ca. 1500-1230, scarabs, comp.

T. el-ʿAjjûl: TCV965. *TA* IV, pl. 55: 68F8 (?), ?

T. el-Fār'ah: Ts. 256, 525. *CPP*, 53G1 (?), XXI dyn.

**764** 'Ain Shems: U29, III 64. *AS* II: 60, pl. 38: 18, ca. 1200-900, comp. Possibly ca. 1000-950, *AS* V: 15.

T. Zakariyā: ? *EP*, 87 f., pl. 32: 9 (?), 1500-750, comp.

**765** 'Ain Shems: Sq. Y31 in S. wall of II 189. *AS* II: 60, pl. 38: 30, ca. 900-600, comp. N. of B. H. *Ibid.*, 28, pl. 39: 38, ? R. 316, II. *AS* III: 79, pl. 24: 1.2. ca. 900-600. Or IIa, ca. 1000-950, *AS* V: 15.

Beth-zur: ? *BZ*, pl. 9: 7 (round mouth), EI ii (900-600).

Megiddo: T. 27. *MT*, pl. 74: 2 (?), EI ii (1100-1000). Str. V. *M* I, pls. 5: 142 (brown ocher, dark red wash, burnish (?), well made), 47: 142, 1060-1000. Albright, ca. 1050-950, *AJA* 44: 548.

T. Beit Mirsim: str. B. *AAS* 12: 72, pl. 51: 11 (?), ca. 1200-900, comp.

T. el-ʿAjjûl: T. 1000 (?). *TA* II, pl. 35: 76B7 (?), ?

T. el-Fār'ah: Ts. 214, 646. *CPP*, 53J2, XIX dyn.

**766** 'Ain Shems: S. of peg W27, III. *AS* II: 19, pl. 38: 21, ca. 1200-900, comp. Possibly 1000-950, *AS* V: 15. R. 315 (1933), str. IIa-b. *AS* IV, pl. 44: 19 (base missing), ca. 1000-825, comp.

Megiddo: T. 877 Cl. *MT*, pls. 14: 14 (brown ocher 2, wet smoothed), 96: 10, LB i (1600-1400). Str. III. *M* I, pls. 1: 15 (brown ocher, burnt umber core, well fired), 44: 15, 780-650. Albright, 733-ca. 670 (?), *AJA* 44: 549. Str. V. *M* I, pls. 5: 120, 46: 120, 1060-1000. Albright, ca. 1050-950, *AJA* 44: 548.

T. Abū Hawam: E4, amongst fallen masonry of 41, IV. *QDAP* 4: 30, fig. 167, ("the form of this jug with its slightly pointed bottom distinguishes it from the similar small jugs of subsequent periods." Slightly more pointed than type), ca. 1230-1100, comp.

T. el-Fār'ah: T. 522. *CPP*, 52N5, XXII dyn.

T. el-Ḥesī: ? *EP*, 87, pl. 32: 10 (?) (round mouth?), 750-350, seal imp., comp.

(Elongated juglets, almost all without pouring lip, numerous at T. Beit Mirsim, but exhibit little variation of type. Photographs of selected examples pl. 39 and description p. 83. Difficult to classify closely.)

**767** 'Ain Shems: T. 1. *APEF* 2, pl. 24: 10 (?), ca. 1300-950, comp., scarabs, amulets not studied. Late 10th and early 9th cent., *AS* V: 136.

Jericho: ? *J*, pl. 34: A, 26b (?), Jüdisch.

Megiddo: T. 64. *MT*, pl. 74: 5, EI ii (1100-1000).

T. Abū Hawam: str. III. *QDAP* 3, pl. 23: 30, ca. 1100-925, comp.

T. el-ʿAjjûl: T. 1134. *TA* II, pl. 35: 73J3 (?), ? Possibly one of the 10th and early 9th cent. tombs, *AJSL* 55: 358.

**768** Jericho: ? *J*, pl. 35: A, 31 left, Jüdisch.

Megiddo: Nördlichen Brandstätte. *TM* I, fig. 127: bottom center (?), ?

T. el-Fār'ah: Ts. 219, 255, 257, 263, 269, 271. *CPP*, 53P1, XX dyn.

**769** 'Ain Shems: area AA30 (1930), str. IIa. *AS* IV, pl. 42: 17, ca. 1000-950, comp. R. 315 (1933), IIa. *Ibid.*, pl. 64: 42 ("A typical IIa form." Neck slightly wider and body slightly longer), see above date. E. grotto. *APEF* 2: 48, pl. 20: 10, ca. 1500-1300, comp., alabaster chalice. Ca. 1425-1200, *AS* V: 111. T. 1. *APEF* 2, pl. 24: 8, ca. 1300-950, comp., scarabs and amulets not studied. Late 10th and early 9th cent., *AS* V: 136. *APEF* 1, fig. 15: 9

(?), material considered largely LB ii. Same comment. T. 1 (T. 11 of later records). *BS*, p. 163: 3 right (?), ca. 1275-1150, comp., scarab not studied. Begins in 14th cent. and to ca. 1150, *AS* V: 32, 109, and *AAS* 12: 41. At peg W31. *AS* II: 25, pl. 38: 24. ? T30, IV. *Ibid.*, 60, pl. 38: 3 (?), ca. 1600?-1200, comp. Possibly ca. 1200-1000, *AS* V: 15. V29, III 37. *AS* II: 20, pl. 38: 19, ca. 1200-900, comp. Possibly ca. 1000-950, *AS* V: 15. R. 315, II (associated with "Philistine" crater and fragments), *AS* III: 79, fig. 5: 3-50, pl. 24: 1.4, ca. 900-600, comp.

Beth-shan: R. 1021. *B-S* II, ii: 13, 34, pl. 48: 13 (?) (brown ware, black grits), 1292-1000, inscriptions, scarabs, etc. Albright, 12th to 10th cent., *AAS* 17: 76 f.

Megiddo: Nördlichen Brandstätte. *TM* I, fig. 127: bottom 3d from left (?), ?

T. el-Fār'ah: T. 225. *CPP*, 54J2, XXIII dyn.

T. Jemmeh: GA187, GV185, HR185. *Gerar*, pl. 57: 52p, ca. 1200-1100, scarab, comp. Albright, late 10th cent., *AAS* 12: 79. *CPP*, 52P1, XX dyn. Same comment. W186. *Gerar*, pl. 62: near bottom, ca. 1150, comp. Albright, 10th cent., *AAS* 12: 79.

**770** 'Ain Shems: V32, II. *AS* II: 24, pl. 38: 40, ca. 900-600, comp.

Ed-Ḍāheriyeh: tomb. *QDAP* 4, pl. 61: fig. 1 top no. 1, ca. 1000, comp. Probably 9th cent., Grant and Wright, *AS* V: 137.

Megiddo: str. V. *M* I, pls. 5: 141 (brown ocher, lt red wash, traces of burnish), 47: 141, 1060-1000. Albright, ca. 1050-950, *AJA* 44: 548.

Samaria: N. G. T. 6. *S* I: 280, fig. 155: 4a (reddish-brown, vertical burnishing); II, pl. 67: d, 900-700, comp.

T. Beit Mirsim: R. SE23B-8. *AAS* 12: 67, pl. 27: 14 (?), ca. 950-920, comp.

T. Jemmeh: FJ191, EN190. *Gerar*, pl. 57: 54j (?), ca. 950, amulets, comp. Albright, 9th cent., *AAS* 12: 79. *CPP*, 54J, XXII dyn. Same comment.

**772** 'Ain Shems: T. 1. *APEF* 2, pl. 24: 9 (?), ca. 1300-950, comp., scarabs and amulets not studied. Late 10th and early 9th cent., *AS* V: 136.

Megiddo: str. V. *M* I, pls. 5: 121 (brown-green, dark red wash), 46: 121, 1060-1000. Albright, ca. 1050-950, *AJA* 44: 548.

T. el-Fār'ah: T. 542. *TF* I: 9, pl. 25: center 2d from right, ca. 1320, scarabs. Albright, 12th cent., *AJA* 36: 300.

T. Jemmeh: GK183. *Gerar*, pl. 57: 52f, ca. 1200, scarab, comp. Albright, 10th cent., *AAS* 12: 79. *CPP*, 52E, XIX dyn. Same comment.

**774** 'Ain Shems: T. 1. *APEF* 2, pl. 22: 24, ca. 1300-950, comp., scarabs and amulets not studied. Late 10th and early 9th cent., *AS* V: 136. III N. *AS* II: 20, pl. 38: 15, ca. 1200-900, comp. Possibly ca. 1000-950, *AS* V: 15. R. 316, II. *AS* III: 79, pl. 24: 3. 1, ca. 900-600, comp. Str. IIa, ca. 1000-950, *AS* V: 15. Area U29, R. 56 (1929), str. IVb. *AS* IV, pl. 56: 18 (?) (neck and rim shape not quite the same), ca. 1425-1200, scarabs, comp.

Ed-Ḍāheriyeh: tomb. *QDAP* 4, pl. 62: fig. 3 top no. 4, ca. 1000-900, comp. Probably 9th cent., *AS* V: 137.

Megiddo: str. IV-III. *M* I, pls. 1: 16, 44: 16, 1000-650. Albright, ca. 950-ca. 670 (?), *AJA* 44: 549.

T. Abū Hawam: EL, outside the town wall, III. *QDAP* 4: 20, fig. 57 (rim more everted), ca. 1100-925, comp.

T. el-Fār'ah: ? *CPP*, 52M3 (?) ? Ts. 218, 250, 267, 270. *CPP*, 53M, XXII dyn.

T. Jemmeh: HV189, EH185, HR184. *Gerar*, pl. 57: 52m, p. 21, ca. 1200-1000, scarab, comp. Albright, 10th cent., *AAS* 12: 79. *CPP*, 52M1, XX, XXI dyn. Same comment. FL189. *Gerar*, pl. 57: 53d, ca. 1000, XXII dyn.

amulets, comp. Albright, *ca.* 900, *AAS* 12: 79. *CPP*, 53d, XXI dyn. Same comment.

## PLATE 41

**775** Beth-shan: E. of Temple area, Rameses II level. *B-S* II, ii: 13, 35, pl. 48: 19 (brown ware with traces of red wash), 1292-1000, inscriptions, scarabs, etc. Albright, 12th-10th cent., *AAS* 17: 76 f.

T. Abū Hawam: E5, below the bath in R. 20, III. *QDAP* 4: 20, fig. 58, *ca.* 1100-925, comp.

T. Beit Mirsim: str. B. *AAS* 12: 72, pl. 51: 12, *ca.* 1200-900, comp.

T. el-Fār'ah: Ts. 254, 264. *CPP*, 53K2, XXII dyn.

**776** 'Ain Shems: U31, II 150. *AS* II: 26, pl. 38: 28 (?), *ca.* 900-600, comp.

Beth-shan: R. 1003, late Ramesside level. *B-S* II, ii: 43, pl. 51: 23 (?) (reddish ware), *ca.* 1000-300, comp. Albright, mostly 12th-11th cent., *AAS* 12: 38, 39.

Beth-zur. ? *BZ*, pl. 9: 6, EI ii (900-600), comp.

T. Abū Hawam: str. III. *QDAP* 4, fig. 12, *ca.* 1100-925, comp.

T. el-Hesī: ? *EP*, 87 f., pl. 32: 14 (?), 750-*ca.* 350, seal imp., comp.

**778** 'Ain Shems: T. 1 (T. 11 of later records). *BS*, p. 177: 4 left, *ca.* 1275-1150, comp., scarab not studied. Begins in 14th cent. and continues to *ca.* 1150, *AS* V: 32, 109, and *AAS* 12: 41.

Beth-shan: E. of Temple area, late Ramesside level. *B-S* II, ii: 43, pl. 51: 20 (brown ware, black grits, dark red wash), *ca.* 1000-300, comp. Albright, mostly 12th-11th cent., *AAS* 12: 38, 39.

Jericho. ? *J*, pl. 35: A, 31, Jüdisch.

Megiddo: str. III. *M* I, pls. 1: 20 (?) (green-brown, lt red wash), 44: 20 (?), 780-650. Albright, 733-*ca.* 670 (?), *AJA* 44: 549.

**779** Beth-shan: R. 1036 (near floor), early Seti I level. *B-S* II, ii: 9, 27, pl. 44: 27 (buff ware with lt red wash), 1313-1292, inscription, scarabs, etc. Mainly 12th cent., Albright, *AAS* 17: 76 f. R. 1063, Rameses II level, *Ibid.*, 13, 35, pl. 48: 18 (dark gray ware with brown surface), 1292-1000, inscriptions, scarabs, etc. Albright, 12th-10th cent., *AAS* 17: 76 f.

T. Jemmeh: HV188, GV185. *Gerar*, pl. 57: 52n, *ca.* 1200-1050, scarab, comp. Albright, 10th cent., *AAS* 12: 79. *CPP*, 52N1, XX, XXI dyn. Same comment. W190. *Gerar*, pl. 57: 54d, *ca.* 930, amulets, comp. Albright, early 9th cent., *AAS* 12: 79. CJ192, EM190, FB189, EJ189, HA188, GN187. *Gerar*, pl. 57: 53b, *ca.* 1100-900, amulets, comp. Albright, late 10th cent. to late 7th cent., *AAS* 12: 79. *CCP*, 53H, XXI, XXII dyn., *AAS* 12: 79.

**780** 'Ain Shems: re-occupation area, Central City. *APEF* 2: 100, pl. 19: 4, 6 (?), *ca.* 700-?, comp. T. 5. *Ibid.*, 76, pl. 41: 13, *ca.* 950-700, comp., scarabs and amulets not studied. 7th or early 6th cent., *AS* V: 136. Repository of T. 8. *APEF* 2, pl. 54: 7, *ca.* 850-700, comp., inscription. Same comment. NE of Temple, V30, III-IV. *AS* II: 60, pl. 38: 12 (?), *ca.* 1400-1200, comp. Possibly *ca.* 1200-1000, *AS* V: 15. R29, R. 119. *AS* II: 17, pl. 38: 38, *ca.* 900-600, comp. R. 386, II. *AS* III: 65, pl. 24: 5.8, *ca.* 900-600, comp. R. 349, II. *Ibid.*, 71, pl. 28: 2.1 (vertical burnishing), *ca.* 900-600, comp. Area R29, R. 119 (1929), str. II. *AS* IV, pl. 44: 35, *ca.* 1000-586, comp.

Beth-shan: E. of Temple area, late Ramesside level. *B-S* II, ii: 43, pl. 51: 18 (buff ware, burnished vertically), *ca.* 1000-300, comp. Albright, mostly 12th and 11th cent., *AAS* 12: 38, 39.

Megiddo: str. IV-I. *M* I, pls. 1: 17 (yellow, lt red wash), 44: 17, 2: 64 (brown ocher, lt red wash, vertical

hand burnishing), 44: 65, 1000-350 (not before 1000, p. 161, § 10). Albright, *ca.* 950-*ca.* 450 (?), *AJA* 44: 549.

T. Beit Mirsim: str. A. *AAS* 12: 83, pl. 68: 43, 900-600, comp.

**781** 'Ain Shems: repository of T. 4. *APEF* 2: 72 f., pl. 39A: 10, *ca.* 950-750, comp., amulet not studied. 7th or early 6th cent., *AS* V: 136. R. 118. *AS* II: 17, pl. 38: 37, *ca.* 900-600?

'Athlīt: burial 1. *QDAP* 6: 139, fig. 4: 3, *ca.* 700-600, comp.

Beth-shan: R. 1041 (upper debris), late Ramesside level. *B-S* II, ii: 43, pl. 51: 19 (burnished vertically), *ca.* 1000-300, comp. Albright, mostly 12th and 11th cent., *AS* 12: 38, 39.

Megiddo: str. IV-III. *M* I, pls. 2: 65 (brown ocher, vertical hand burnishing), 44: 65, 1000-650. Albright, *ca.* 950-*ca.* 670 (?), *AJA* 44: 549.

T. Abū Hawam: str. II. *QDAP* 4: 15, fig. 9, late 6th-early 4th cent., comp.

T. Beit Mirsim: str. A. *AAS* 12: 83, pl. 68: 41, 900-600, comp.

**782** 'Ain Shems: T. 5. *APEF* 2: 76, pl. 41: 8, *ca.* 950-700, comp., scarabs and amulets not studied. 7th or early 6th cent., *AS* V: 136. R. 305, II. *AS* III: 82, fig. 6: 3-53, pl. 25: 7.4 (pink tan, streaky red burnished to pattern effect), *ca.* 900-600, comp. R. 306, II. *Ibid.*, 82, pl. 25: 8.2, see previous date. Ci 25. *Ibid.*, 62, pl. 27: f4, ? IIc, 825-586, *AS* V: 136.

T. Jemmeh: FM 180. *Gerar*, 21, pl. 57: 52, *ca.* 1350, scarabs, comp. Albright, possibly *ca.* 11th cent., *AAS* 12: 42, 79. *CPP*, 52C, XIX dyn. Same comment.

**783** 'Ain Shems: repository of T. 2. *APEF* 2, pl. 33: 26, *ca.* 1000-850, comp., scarabs not studied. 7th or early 6th cent., *AS* V: 136. T. 2. *APEF* 2, pl. 37: 7, 10, *ca.* 950-700, comp., scarabs not studied. Same comment. T. 6. *Ibid.*, pl. 44: 5, *ca.* 950-700, comp. Same comment. Repository of T. 8. *Ibid.*, pl. 54: 9, *ca.* 850-700, comp., inscription. Same comment. T. 8. *Ibid.*, 88, pl. 56: 21, *ca.* 850-700, comp., inscribed seal. Same comment. Pl. 57: 12 (?), *ca.* 850-700, comp., inscribed seal. Same comment. Level II. *BS*, p. 205: 216, p. 212, *ca.* 900-700 or 600, comp. seal from Temple not studied. U28, III. *AS* II: 60, pl. 38: 20, *ca.* 1200-900, comp. Possibly *ca.* 1000-950, *AS* V: 15. T. 14. *AS* IV, pls. 68: 3 (in *AS* V: 139, Wright says, "Though similar to those of I ii, its long neck and everted rim are characteristic of the Persian period."), 48: 5, 6th cent., comp.

T. Beit Mirsim: str. A. *AAS* 12: 83, pl. 69: 22 (?), 900-600, comp.

T. el-Fūl: Ts., S. slope. *PEQ* 1915: 35, 37, pl. III, lower right (?), *ca.* 600-500, Macalister. EI ii, Albright, *AAS* 12: 76.

T. Jemmeh: CD194, F192. *Gerar*, 21, pl. 57: 53s, *ca.* 900-800, comp. Albright, late 7th cent., *AAS* 12: 79. *CPP*, 53S, XXIII dyn. Same comment.

**784** 'Ain Shems: repository of T. 8. *APEF* 2, pl. 54: 15, *ca.* 850-700, comp., inscription. 7th or early 6th cent., *AS* V: 136. II 182. *AS* II: 26, pl. 38: 32, *ca.* 900-600, comp.

Beth-shan: R. 1018 (upper level), late Ramesside level. *B-S* II, ii: 43, pl. 51: 25 (drab ware), *ca.* 1000-300, comp. Albright, mostly 12th and 11th cent., *AAS* 12: 38, 39.

T. Beit Mirsim: str. A. *AAS* 12: 83, pl. 69: 27, *ca.* 900-600, comp.

T. el-Fūl: Ts., S. slope. *PEQ* 1915: 35, 37, pl. 3, lower right (?), *ca.* 600-500, Macalister. EI ii, Albright, *AAS* 12: 76.



T. el-Hesî: 314 ft. level NE. *TH*, 48, pl. 9: 195, 600, comp. Bliss, *ca.* 800, *MMC*, pl. 2.

T. Jemmeh: HP187, EM187, GK184. *Gerar*, pl. 57: 53, *ca.* 1200-1100, scarab, comp. Albright, 10th cent., *AAS* 12: 79. *CPP*, 53B1, XX dyn. Same comment. W189. *Gerar*, pl. 62: *bottom left*, *ca.* 950, amulets, comp. Albright, early 9th cent., *AAS* 12: 79.

785 'Ain Shems: R. 379 (1933), str. II. *AS* IV, pl. 66: 39 (mouth smaller and less flaring; irregular vertical burnishing), *ca.* 1000-586, comp.

Beth-shan: E. of Temple area. *B-S* II, ii: 43, pl. 51: 22 (?) (brown ware, traces of red wash), *ca.* 1000-300, comp. Albright, mostly 12th and 11th cent., *AAS* 12: 38, 39.

T. Jemmeh: FL, EM, FM, EK 190, FH 188, EY187. *Gerar*, pl. 57: 53f (?), *ca.* 1100-950, amulets, comp. Albright, *ca.* 950-875, *AAS* 12: 79. *CPP*, 53F (?), XXI dyn. Same comment.

786 'Ain Shems: T. 4. *APEF* 2, pl. 39B: 4 (?), *ca.* 950-700, comp., scarabs not studied. 7th or early 6th cent., *AS* V: 136. Level II, near and N. of II 58. *BS*, p. 207: 248, p. 214, *ca.* 900-700 or 600, comp., seal from Temple not studied.

T. Beit Mirsim: str. A. *AAS* 12: 83, pl. 68: 46, 900-600, comp.

T. Jemmeh: EB193, FF190, FJ190, FS189. *Gerar*, pl. 57: 53K (?), *ca.* 1000-900, amulets, comp. Albright, 9th, 7th cent., *AAS* 12: 79. *CPP*, 53K, XXII dyn. Same comment. AAF195, EY193, EK192, CD190. *Gerar*, pl. 57: 53r (?), *ca.* 1000-800, amulets, comp. Albright, *ca.* 9th, 7th cent., *AAS* 12: 79. *CPP*, 53R (?), XXII and XXIII dyn. Same comment.

787 'Ain Shems: N. *AS* II: 20, pl. 38: 34, *ca.* 1200-800, comp. Possibly *ca.* 1000-825, *AS* V: 15.

T. Beit Mirsim: str. A. *AAS* 12: 83, pl. 69: 28 (?), 900-600, comp.

788 'Ain Shems: T. 7. *APEF* 2, pl. 47: 16 (?) (body has only slight suggestion of alabastron), *ca.* 950-700, comp. 7th or early 6th cent., *AS* V: 136.

Jericho. ? *J*, pl. 35: A, 30d (body alabastron-like but not a gracefully slender variety), Jüdisch.

789 'Ain Shems: V28, near R. 88. *AS* II: 17, pl. 38: 35 (?), *ca.* 900-600, comp.

T. Jemmeh: EB193. *Gerar*, pl. 57: 53, *ca.* 800, comp. Albright, late 7th cent., *AAS* 12: 79. *CPP*, 53Q, XXIII dyn. Same comment.

T. Zakariyā: ? *EP*, 87, pl. 32: 8, 1500-750, comp.

790 T. el-Hesî: ? *EP*, 87, pl. 32: 7 (?), 750-*ca.* 350, seal imp., comp. ? ? *EP*, 76, pl. 21: 12 (?), same date as above.

791 T. Jemmeh: FR 190. *Gerar*, pl. 57: 53o, *ca.* 1000, comp. Albright, early 9th cent., *AAS* 12: 79. *CPP*, 53O, XXII dyn. Same comment.

792 'Ain Shems: N. of R. 306 (1933), probably str. IIc. *AS* IV, pl. 66: 40, *ca.* 825-586, comp.

T. Beit Mirsim: str. A. *AAS* 12: 83, pl. 68: 35 (?), 900-600, comp.

793 Megiddo: str. III-II. *M I*: 173, pls. 1: 18, 44: 18, 780-600. Albright, 733-*ca.* 609 (?), *AJA* 44: 549.

796 Jericho. ? *J*, pl. 35: A, 37 (similar in having mouth covered with perforated cover), Jüdisch.

798 'Ain Shems: R. 469 (1933), str. III. *AS* IV, pl. 37: 27, *ca.* 1200-1000.

Jericho. ? *J*, pl. 38: C, 1 (?), Jüdisch.

Megiddo: Nördlichen Bandstätte. *TM* I, fig. 127: top 2d from right, ? T. 912B. *MT*, pl. 35: 9 (?) (traces of close burnishing and indian red 3 decoration), MB ii (1800-1600). T. 76A. *MT*, pls. 74: 19 (lt red 2 wash),

172: 18, EI ii (1100-1000). Str. V. *M I*, pls. 5: 130 (dark red wash), 46: 130, 1060-1000. Albright, *ca.* 1050-950, *AJA* 44: 548.

T. el-Fār'ah: T. 914. *TF* II, pl. 47: *top right* (?) (from photograph apparently painted with horizontal and diagonal lines), 13th cent., scarabs. From series of 13th and early 12th cent., Grant and Wright, *AS* V: 111. T. 978. *TF* II, pl. 49: *bottom right* (?), latter 13th cent., scarabs. Same comment. T. 104. *CPP*, 49G5, XXI dyn.

T. Jemmeh: B194. *Gerar*, pl. 59: 74t (?), *ca.* 800, comp. Albright, *ca.* 600, *AAS* 12: 79. *CPP*, 74T (?), XXIII dyn. Same comment.

799 'Ain Shems: R. 469 (1933), str. III. *AS* IV, pl. 61: 36 (shape varies slightly; reddish brown ware), *ca.* 1200-1000, comp.

802 Beth-shan: E. of Temple area, Rameses II level. *B-S* II, ii: 13 and 34, pl. 48: 14 (lt brown ware, traces of red wash; rim turns in), 1292-1000, inscriptions, scarabs, etc. Albright, 12th to 10th cent., *AAS* 17: 76 f.

Megiddo: Nördlichen Bandstätte. *TM* I, fig. 127: lower right (?), ?

803 Megiddo: Tempelburg. *TM* I, B, pl. 38: *b* (?). Considered str. V of Schumacher which Albright dated *ca.* 8th cent., *AAS* 12: 79. Elsewhere this level considered str. IV of Oriental Institute excavations. *OIP* 26, pl. 311, M227 and top of page. This level dated *ca.* 1000-800 in *M I* or *ca.* 950-733, *AJA* 44: 549.

805 Megiddo: Nördlichen Bandstätte. *TM* I, fig. 127: *lower 2d from right* (?), ? T. 37. *MT*, pls. 39: 4 (indian red 1 wash), 136: 11, EI-MI (*ca.* 1000). T. 63E. *MT*, pl. 62: 14, same date as above. Str. V-IV. *M I*, pls. 5: 125 (yellow, brown wash, irregular hand burnishing), 46: 125, 1060-800. Albright, *ca.* 1050-733, *AJA* 44: 548 f.

806 Megiddo: T. 27. *MT*, pl. 74: 3, EI ii (1100-1000).

807 T. el-Fār'ah: T. 201. *TF* I: 13, pl. 40: 73r (?), XXII dyn., scarabs, amulets, comp. Tomb of a series dated between 11th and 9th cent., *AS* V: 133.

808 Megiddo: Vorhof der Nordburg. *TM* I, fig. 56: *c* (?), ? Str. III. *M I*, pls. 1: 30, 44: 30, 780-650. Albright, 733-*ca.* 670 (?), *AJA* 44: 549.

T. Zakariyā: ? *EP*, 103, pl. 50: 7 (?), 750-*ca.* 350, seal imp., comp.

809 Jericho. ? *J*, pl. 44: A, 21, Byzantinisch.

T. Abū Hawam: str. II. *QDAP* 4: 14, fig. 2 (more squat; buff, with fine grits), Graeco-Persian.

T. Sandahannah: ? *EP*, 127, pls. 60: 15 (upper part covered with red wash), 22: 15 (?), *ca.* 350, coins, comp.

810 Jericho. ? *J*, pl. 35: A, 36, Jüdisch. Pl. 38: C, 5 (?).

Megiddo: T. 64. *MT*, pl. 74: 6, EI ii (1100-1000). Str. V. *M I*, pls. 5: 135 (?) (brown ocher, dark red wash, vertical hand burnishing), 47: 135 (?), 1060-1000. Albright, *ca.* 1050-950, *AJA* 44: 548.

#### PLATE 42

812 Beth-zur. *BZ*, pl. 7: 11, EI i (1200-1050), comp. T. el-Fār'ah: T. 221. *CPP*, 68F4 (?), XXII dyn. From a series dated between 11th and 9th cent., *AS* V: 133. Ts. 528, 530. *CPP*, 73B1, XX dyn.

T. el-Hesî: 314 ft. level NE. *TH*, 48, pl. 9: 200 (?), 600, comp. Bliss, *ca.* 800, *MMC*, pl. 2.

813 'Ain Shems: NW of B. H. *AS* II: 31, pl. 39: 7 *AS* I, pl. 13: top lower right, ?

? ? *EP*, 76, pl. 21: 2 (?), 750-*ca.* 350, seal imp., comp.

814 T. el-Fār'ah: T. 540. *CPP*, 73 Y (?), ?

T. el-Fūl: Ts. S. slope. *PEQ* 1915: 35, 37, pl. 3: top

3d from right (?), *ca.* 600-500, Macalister. EI ii, Albright, *AAS* 12: 76.

815 Megiddo: str. V. *M* I, pls. 5: 134 (dark red wash), 47: 134, 1060-1000. Albright, *ca.* 1050-950, *AJA* 44: 548.

816 'Ain Shems: R. 393, II. *AS* III: 64, pl. 24: 5.3 (?), *ca.* 900-600, comp.

Megiddo: T. 63F. *MT*, pl. 63: 8 (?), EI-MI? (*ca.* 1000).

T. el-'Ajjûl: T. 1808. *TA* IV, pl. 54: 59F7' (?), ?

818 'Ain Shems: T. 4. *APEF* 2: 72, pl. 39B: 6, *ca.* 950-700, comp., scarabs not studied. 7th or early 6th cent., *AS* V: 136. Ci 25. *AS* III: 62, pl. 27: g2, ? IIC, *ca.* 825-586, *AS* V: 136. R. 372 (1933), str. II. *AS* IV, pl. 66: 31, *ca.* 1000-586, comp.

Beth-shan: terrace. *B-S* III, pl. 30: 28 (?), ?

T. Beit Mirsim: str. A. *AAS* 12: 83 f., pl. 68: 1, 900-600, seal imp., inscriptions, comp.

T. el-'Ajjûl: T. 1135. *TA* II, pl. 34: 54E (?), ?

T. el-Fâr'ah: T. 201. *CPP*, 64H5 (?), XXII dyn. From a series dated between 11th and 9th cent., *AS* V: 133.

819 'Ain Shems: ? *AS* III, pl. 29: 5.4 (?), ?

T. Beit Mirsim: str. A. *AAS* 12: 83 f., pl. 68: 30 (?), 900-600, seal imp., inscriptions, comp.

T. el-Fûl: Ts., S. slope. *PEQ* 1915: 35, 37, pl. 3, several, *ca.* 600-500, Macalister. EI ii, Albright, *AAS* 12: 76.

? ? *EP*, 76, pl. 21: 1 (?), 750-*ca.* 350, seal imp., comp.

822 'Ain Shems: IIB-c level in 1929. *AS* IV, pl. 66: 34, *ca.* 950-586, comp.

Megiddo: surface. *M* I, pls. 2: 63, 44: 63, 1000-600.

823 'Ain Shems: T. 8. *APEF* 2, pl. 56: 5 (?), *ca.* 850-700, comp., inscribed seal. 7th or early 6th cent., *AS* V: 136. III N. *AS* II: 20, pl. 39: 17, *ca.* 1200-900, comp. Possibly *ca.* 1000-950, *AS* V: 15.

T. Beit Mirsim: Str. ? *AAS* 12: 84, pl. 69: 13, 900-600, seal imp., inscriptions, comp.

824 'Ain Shems: III peg U29. *AS* II: 19, pl. 39: 10 (?), *ca.* 1200-900, comp. Possibly *ca.* 1000-950, or later, *AS* V: 15. II low. *AS* II: 62, pl. 39: 19, *ca.* 900-600, comp. Ci 25. *AS* III: 62, pl. 29: 3.3 (drab, white grits; burnished vertically), ? Str. IIC, *ca.* 825-586, *AS* V: 136. Strip 9 W. (1933), IIC. *AS* IV, pls. 66: 33 (irregular vertical burnishing), 44: 34, *ca.* 825-586, seals, comp.

Eḏ-Ḍāherīyeh: tomb. *QDAP* 4, pl. 63: top no. 7, *ca.* 1000-900, comp. Probably 9th cent., *AS* V: 137.

T. Beit Mirsim: str. A. *AAS* 12: 84, pl. 69: 7 (?), *ca.* 900-600, seal imp., inscriptions, comp.

T. el-Fûl: Ts., S. slope. *PEQ* 1915: 35, 37, pl. 3: top 1st from left (?), *ca.* 600-500, Macalister. EI ii, Albright, *AAS* 12: 76.

T. Jemmeh: FF191. *Gerar*, pl. 59: 740, *ca.* 900, amulets, comp. *Ca.* 7th cent., Albright, *AAS* 12: 79.

825 'Ain Shems: repository of T. 8. *APEF* 2, pl. 54: 11, *ca.* 850-700, comp., inscription. 7th or early 6th cent., *AS* V: 136. T. 8. *APEF* 2, pl. 57: 2 (?), *ca.* 850-700, comp., inscribed seal. Same comment. At peg T29 near end of gutter, III. *AS* II: 20, pl. 39: 16, *ca.* 1200-900, comp. Possibly *ca.* 1000-950, or later, *AS* V: 15. T. 14. *AS* IV, pls. 48: 3 (orange-red ware, buff slip; shape varies slightly), 68: 12, 6th cent., comp.

Beth-zur. *BZ*, pl. 9: 8, EI ii (900-600), comp.

Jericho. ? *J*, fig. 147: A, 30b (?), Jüdisch.

T. Beit Mirsim: str. A. *AAS* 12: 84, pl. 69: 12 (?), *ca.* 900-600, seal imp., inscriptions, comp.

826 'Ain Shems: T. 7. *APEF* 2, pl. 47: 20 (?), *ca.* 950-700, comp. 7th or early 6th cent., *AS* V: 136. R. 376,

II. *AS* III: 68, pl. 25: 5.6, *ca.* 900-600, comp. R. 373 (1933). *AS* IV, pl. 44: 36, *ca.* 950-586, comp.

T. el-Fûl: Ts., S. slope. *PEQ* 1915: 35, 37, pl. 3: top row left (?), *ca.* 600-500, Macalister. EI ii, Albright, *AAS* 12: 76.

T. Jemmeh: DV193. *Gerar*, pls. 47: 3 (?), 57: 541 (?), p. 20, *ca.* 800, comp. Albright, end of 7th cent., *AAS* 12: 79. *CPP*, 54L (?), XXIII dyn. Same comment.

827 'Ain Shems: T. 8. *APEF* 2, pl. 57: 5 (?), *ca.* 850-700, comp., inscribed seal. 7th or early 6th cent., *AS* V: 136. R. 373, II. *AS* III: 69, fig. 6: 4-141, 25: 6.2, *ca.* 900-600, comp. R. 376 (1933), probably IIC. *AS* IV, pl. 66: 38, *ca.* 825-586, seals, comp.

T. Beit Mirsim: str. A. *AAS* 12: 84, pl. 69: 9 (?), *ca.* 900-600, seal imp., inscriptions, comp.

T. el-Fûl: Ts., S. slope. *PEQ* 1915: 35, 37, pl. 3: top 2d from left (?), *ca.* 600-500, Macalister. EI ii, Albright, *AAS* 12: 76.

830 'Ain Shems: T. 2. *APEF* 2, pl. 37: 6 (?), *ca.* 950-700, comp., scarabs not studied. 7th or early 6th cent., *AS* V: 136.

Jericho. ? *J*, pl. 35: A, 30b, Jüdisch. ? *J*, pl. 38: D. 5, Jüdisch.

T. Beit Mirsim: str. A. *AAS* 12: 84, pl. 69: 17, 900-600, seal imp., inscriptions, comp.

834 Megiddo: str. I. *M* I, pls. 1: 3 (?), 44: 3 (?), 600-350. *Ca.* 600-*ca.* 450 (?), Albright, *AJA* 44: 549.

T. Abū Hawam: str. II. *QDAP* 4: 4 f., fig. 7, late 6th-early 4th cent. *QDAP* 3, pl. 23: 3, see above date.

T. Jemmeh: BC200, BS198, BAF198. *Gerar*, pl. 59: 77c (?), *ca.* 660-600, comp. Albright, 6th cent., *AAS* 12: 79. *CPP*, 77C, XXVI dyn. Same comment.

835 Beth-zur. ? *BZ*, pl. 12: 3, fig. 36: row 4, no. 3. Hellen., comp.

Jerusalem: Bishop Gobat's School from C. *PEQ* 1935: 142 f., pl. 6: 13, late Hellen. and Herodian, comp.

Samaria: vault Ci 2. *S* I: 303, fig. 183: 25a (body more globular), 300-50, comp.

T. Sandahannah: ? *EP*, 76, 127, pls. 60: 18 (longer neck), 22: 7 (?), *ca.* 350, coins, comp.

840 T. Jemmeh: BQ200. *Gerar*, pl. 59: 77j (?), *ca.* 600, comp. Albright, 6th cent., *AAS* 12: 79. *CPP*, 77j (?), XXVI dyn. Same comment.

843 'Ain Shems: T. 1. *APEF* 2, pl. 24: 15 (?) (base probably rounded), *ca.* 1300-950, comp., scarabs and amulets not studied. Late 10th and early 9th cent., *AS* V: 136.

Megiddo: Nördlichen Bandstätte. *TM* I, fig. 127: top 2d from left (?), ? Str. IV. *M* I, pls. 5: 127, 46: 127, 1000-800. Albright, *ca.* 950-733, *AJA* 44: 549.

T. Abū Hawam: F7, W. of R. at 11, III. *QDAP* 4: 23, pl. 13: 91, *ca.* 1100-925, comp.

844 Eḏ-Ḍāherīyeh: tomb. *QDAP* 4, pl. 63: top no. 2, *ca.* 1000-900, comp. Grant and Wright, probably 9th cent., *AS* V: 137.

845 Megiddo: T. 63A. *MT*, pl. 60: 31 (?) (and nine similar), EI-MI (*ca.* 1000). T. 63F. *Ibid.*, pl. 63: 6, 7, same date. T. 76A. *Ibid.*, pls. 74: 20, 172: 19, same date. Str. V. *M* I, pls. 5: 124, 46: 124, 1060-1000. Albright, *ca.* 1050-950, *AJA* 44: 548.

847 'Ain Shems: T. 1. *APEF* 2, pl. 24: 14 (?), *ca.* 1300-950, comp., scarabs and amulets not studied. Late 10th and early 9th cent., *AS* V: 136.

Eḏ-Ḍāherīyeh: tomb. *QDAP* 4, pls. 62: fig. 2 top no. 6, 63: middle no. 6, *ca.* 1000-900, comp. Probably 9th cent., *AS* V: 137.

Megiddo: T. 63E. *MT*, pl. 62: 15, EI-MI (*ca.* 1000).

T. Beit Mirsim: str. B. *AAS* 12: 71, pl. 51: 3, *ca.* 1230-920, comp. S. 8, str. B<sub>3</sub> (?). *Ibid.*, pl. 31: 36 (neck and handle), p. 69, *ca.* 1000-900 (?), comp.

T. Jemmeh: KM183. *Gerar*, 22, pl. 59: 73b, *ca.* 1200, scarab, comp. Albright, 10th cent., *AAS* 12: 79. *CPP*, 73B3, XIX dyn. Same comment.

849 T. Beit Mirsim: str. B. *AAS* 12: 71, pl. 51: 2, *ca.* 1230-920, comp.

850 Ed-Dāherīyeh: tomb. *QDAP* 4, pls. 62: fig. 2 top no. 2, 63: top no. 6, *ca.* 1000-900, comp. Probably 9th cent., *AS* V: 137.

852 Ed-Dāherīyeh: tomb. *QDAP* 4, pl. 61: fig. 2 top no. 3, *ca.* 1000-900, comp. See note on S 850.

853 'Ain Shems: T. 1. *APEF* 2, pl. 24: 13, 1300-950, comp., scarabs and amulets not studied. Late 10th and early 9th cent., *AS* V: 136.

Ed-Dāherīyeh: tomb. *QDAP* 4, pls. 61: fig. 2 top no. 2, 62: fig. 3 top no. 6, 63: top no. 1, *ca.* 1000-900, comp. See note on S 850.

Megiddo: str. IV-I. *M I*, pls. 2: 51, 44: 51, 1000-350. Albright, *ca.* 950-*ca.* 450 (?), *AJA* 44: 549.

T. Beit Mirsim: str. A. *AAS* 12: 83, pl. 68: 15 (?), 900-600, comp.

#### PLATE 43

854 'Ain Shems: T. 1. *APEF* 2, pl. 24: 16, *ca.* 1300-950, comp., scarabs and amulets not studied. Late 10th and early 9th cent., *AS* V: 136. Repository of T. 2. *APEF* 2, pl. 33: 22, *ca.* 1000-850, comp., scarabs not studied. 8th cent. and slightly earlier, *AS* V: 136. Near peg T28, sub II. *AS* II: 20, pl. 39: 22, *ca.* 1000 (?), comp. Possibly *ca.* 950-825, *AS* V: 15.

T. Jemmeh: FJ190. *Gerar*, pl. 59: 73x (?), *ca.* 950-900, amulets, comp. Albright, 9th cent., *AAS* 12: 79. *CPP*, 73X (?), XXII dyn. Same comment.

855 Megiddo: str. III. *M I*, pls. 2: 52, 44: 52, 780-650. Albright, 733-*ca.* 670 (?), *AJA* 44: 549.

856 'Ain Shems: Z32, II. *AS* II: 25, pl. 39: 30, 900-600, comp.

T. Beit Mirsim: str. A. *AAS* 12: 83 f., pl. 68: 16 (?), *ca.* 900-600, comp.

857 'Ain Shems: T. 1. *APEF* 1, fig. 15: 1, material considered largely LB ii. Grant and Wright, late 10th and early 9th cent., *AS* V: 136. X32. *AS* II: 26, pl. 39: 25, *ca.* 900-600, comp. R. 312 (1933), str. II. *AS* IV, pl. 66: 30 ("Str. IIA-b type." Rim flattened slightly), *ca.* 1000-825, comp. Area Y-Z 30 (1930), str. IIA-b. *Ibid.*, pl. 44: 31, *ca.* 1000-825, comp.

Ed-Dāherīyeh: tomb. *QDAP* 4, pl. 62: fig. 2 top no. 5, *ca.* 1000-900, comp. Probably 9th cent., *AS* V: 137.

T. Beit Mirsim: str. B. *AAS* 12: 71 f., pl. 51: 8 (gray ware, not burnished), *ca.* 1230-920, comp.

T. ej-Judeideh: ? *EP*, 104, pl. 53: 18, 750-*ca.* 350, seal imp., comp.

T. el-Fūl: II Fortr. *AAS* 4: 14 f., pl. 32: 23, 1100-1000, comp. L 11th-E 10th cent. Ts., S. slope. *PEQ* 1915: 35, 37, pl. 3: top 4th from right (?), *ca.* 600-500, Macalister. EI ii, Albright, *AAS* 12: 76.

T. Jemmeh: Eg187. *Gerar*, 22, pl. 59: 73o, *ca.* 1100, comp. Albright, 10th cent., *AAS* 12: 79. *CPP*, 73O, XX dyn. Same comment.

858 'Ain Shems: T. 1. *APEF* 2, pl. 24: 12, 18 (?), *ca.* 1300-950, comp., scarabs and amulets not studied. Late 10th and early 9th cent., *AS* V: 136. Repository of T. 4. *APEF* 2, 72, pl. 39A: 8, *ca.* 950-750, comp., amulet not studied. 7th or early 6th cent., *AS* V: 136.

Ed-Dāherīyeh: tomb. *QDAP* 4, pl. 62: fig. 2 top no. 3, *ca.* 1000-900, comp. Probably 9th cent., *AS* V: 137.

Jericho. ? *J*, fig. 157: C. 2 (?), Jüdisch.

T. el-Hesī: from Cities V-VIII. *MMC*, 117, cut on p. 120: 242 (?), *ca.* 1000-400, comp.

859 'Ain Shems: are X32 (1930), str. IIB. *AS* IV, pl. 44: 32, *ca.* 950-825, comp.

860 T. eš-Şāfi: ? *EP*, 104, pl. 53: 21, 750-*ca.* 350, seal imp., comp.

862 'Ain Shems: level II, just inside City wall. *BS*, p. 211: 127, p. 210, *ca.* 900-700 or 600, comp., seal from Temple not studied.

863 'Ain Shems: U29, III. *AS* II: 19, pl. 39: 13, *ca.* 1200-900, comp. Possibly *ca.* 1000-950, *AS* V: 15.

T. Jemmeh: DJ193, FR192, ED191, EF, EP and FR190, FJ189, HV185, FJ184, FP184. *Gerar*, 22, pl. 59: 73, *ca.* 1200-856, scarab, comp. Albright, *ca.* 1000-600, *AAS* 12: 79. *CPP*, 73e, XX, XXII dyn. Same comment.

864 'Ain Shems: repository of T. 2. *APEF* 2, pl. 33: 19, *ca.* 1000-850, comp., scarabs not studied. 8th cent. or slightly earlier, *AS* V: 140 f. Repository of T. 8. *APEF* 2, 87, pl. 54: 20, *ca.* 850-700, comp., inscription. 7th or early 6th cent., *AS* V: 136. R. 89. *AS* II: 17, pl. 39: 63, *ca.* 900-600 (?), comp. R. 385, II. *AS* III: 65, pl. 22: 2.6, *ca.* 900-600, comp.

Megiddo: str. IV-I. *M I*, pls. 2: 50, 44: 50, 1000-350. Albright, *ca.* 950-*ca.* 450 (?), *AJA* 44: 549.

T. Beit Mirsim: str. A. *AAS* 12: 83 f., pl. 68: 5, 900-600, comp.

T. ej-Judeideh: ? *EP*, 104, pl. 53: 20, 750-*ca.* 350, seal imp., comp.

T. el-Fūl: Ts. S. slope. *PEQ* 1915: 35, 37, pl. 3: several items, *ca.* 600-500, Macalister. EI ii, Albright, *AAS* 12: 76. T. el-Hesī: 314 ft. level, NE. *TH*, 48, pl. 9: 192, 600, comp. Bliss, *ca.* 800, *MMC*, pl. 2.

T. Jemmeh: EJ, FJ, FR190. *Gerar*, pl. 59: 73w, *ca.* 950-900, amulets, comp. Albright, 9th cent., *AAS* 12: 79. *CPP*, 73W1, XXII dyn. Same comment.

865 'Ain Shems: repository of T. 2. *APEF* 2, pl. 33: 27 (?), *ca.* 1000-850, comp., scarabs not studied. 8th cent. and slightly earlier, *AS* V: 136. T. 2. *APEF* 2, 67, pl. 37: 5 (?), *ca.* 950-700, comp., scarabs not studied. 7th or early 6th cent., *AS* V: 136. X N., V32, II. *AS* II: 25, pl. 39: 26 (?) (to right of no. 28), ? R. 354, II. *AS* III: 71, pl. 22: 3.5, *ca.* 900-600, comp. Strip 7 W. (1933), str. II. *AS* IV, pl. 66: 36 (rim varies slightly), *ca.* 1000-586, comp. R. 354 (1933), str. IIB-c. *Ibid.*, pl. 44: 33, *ca.* 950-586, comp.

T. Beit Mirsim: str. A. *AAS* 12: 83 f., pl. 68: 30, 900-600, comp.

T. el-Fūl: Ts., S. slope. *PEQ* 1915: 35, 37, pl. 3: several items, *ca.* 600-500, Macalister. EI ii, Albright, *AAS* 12: 76.

866 'Ain Shems: repository of T. 4. *APEF* 2: 72, pl. 39A: 6, *ca.* 950-750, comp., amulet not studied. 7th or early 6th cent., *AS* V: 136. U28, R. 95. *AS* II: 17, pl. 50: 31, *ca.* 900-600, comp.

Jericho. ? *J*, pl. 38: C, 3, Jüdisch.

T. Beit Mirsim: str. A. *AAS* 12: 83 f., pl. 68: 11, 900-600, comp.

867 'Ain Shems: repository of T. 4. *APEF* 2: 72, pl. 39A: 9, *ca.* 950-750, comp., amulet not studied. 7th or early 6th cent., *AS* V: 136.

T. Beit Mirsim: str. A. *AAS* 12: 83 f., pl. 68: 32, 900-600, comp.

868 'Ain Shems: III N. *AS* II: 20, pl. 50: 33, *ca.* 1200-900, comp. Possibly *ca.* 1000-950, *AS* V: 15.

Ed-Dāherīyeh: tomb. *QDAP* 4, pl. 61: fig. 2 top no. 6, *ca.* 1000-900, comp. Probably 9th cent., *AS* V: 137.

T. Beit Mirsim: str. A. *AAS* 12: 83, pl. 68: 25, 900-600, comp.

**869** 'Ain Shems: repository of T. 2. *APEF* 2, pl. 33: 18, ca. 1000-850, comp., scarabs not studied. 8th cent. and slightly earlier, *AS* V: 136. T. 7. *APEF* 2, pl. 47: 17 (?), ca. 950-700, comp. 7th or early 6th cent., *AS* V: 136. S28, R. 118. *AS* II: 17, pl. 39: 14, ?

T. Beit Mirsim: str. A. *AAS* 12: 83 f., pl. 68: 9, 900-600, comp.

**870** 'Ain Shems: repository of T. 4. *APEF* 2: 72, pl. 39A: 5 (?), ca. 950-750, comp., amulet not studied. 7th or early 6th cent., *AS* V: 136. Repository of T. 8. *APEF* 2, 87, pl. 54: 17 (?), ca. 850-700, comp., inscription. Same comment. R. 318, II. *AS* III: 76, pl. 29: 5.5, ca. 900-600, comp.

T. ej-Judeideh: ? *EP*, 104, pl. 53: 19, 750-ca. 350, seal imp., comp.

T. Beit Mirsim: str. A. *AAS* 12: 83 f., pl. 68: 31 (?), 900-600, comp.

T. Jemmeh: FJ, DX191, EF, FJ190. *Gerar*, pl. 59: 73v, ca. 950-900, amulets, comp. Albright, ca. 8th cent., *AAS* 12: 79. *CPP*, 73V, XXII dyn. Same comment.

**871** 'Ain Shems: X N. V32, II. *AS* II: 25, pl. 39: 26 (between 19 and 23), 900-600, comp. T. 14. *AS* IV, pls. 48: 11, 68: 4, 6th cent., comp.

T. Beit Mirsim: str. A. *AAS* 12: 83 f., pl. 68: 8 (?), 900-600, comp.

**872** 'Ain Shems: T. 1. *APEF* 2, pl. 22: 25 (?) (from photograph does not appear to be black ware), ca. 1300-950, comp., scarabs and amulets not studied. Late 10th and early 9th cent., *AS* V: 136. ? *AS* II: 31, pl. 39: 8 (?), ? ? *AS* I, pl. 13: top upper right, ? N. III. *AS* II: 86, pl. 50: 28, ca. 1200-900, comp. Possibly ca. 1000-950, *AS* V: 15. R. 334, II. *AS* III: 74, fig. 6: 3-117 (red tan), pl. 29: 5.6, ca. 900-600, comp. Area U27, R. 97 (1929), IIb. *AS* IV, pls. 66: 37, 49: 5, ca. 950-825, comp.

Megiddo: str. IV-III. *M* I, pls. 2: 47, ca. 1000-650. Albright, ca. 950-ca. 670 (?), *AJA* 44: 549.

T. Beit Mirsim: str. A. *AAS* 12: 84, pl. 67: 34, 68: 23 (?), (red buff), ca. 900-600, comp.

T. el-'Ajjûl: Ts. 1024, 1093. *TA* II, pl. 34: 53B2 (?), ? Albright, 10th and early 9th cent., *AJS* 55: 358.

T. Jemmeh: HV185. *Gerar*, pl. 59: 73j (?), ca. 1200, scarab, comp. Albright, 10th cent., *AAS* 12: 79. *CPP*, 73J (?), XX dyn. Same comment.

**873** 'Ain Shems: U29, III. *AS* II: 78, pl. 46: 46, ca. 1200-900, comp. Possibly ca. 1000-950, *AS* V: 15. R. 448 (1933), str. III. *AS* IV, pl. 61: 39, V, 132 f., 139 f., ca. 1200-1000, comp. Area R31, R. 73, str. IIa. *AS* IV, pl. 64: 37, V: 139 f., ca. 1000-950, comp.

Beth-shan: E. of Temple area, Rameses II level. *B-S* II, ii: 12, 13, 33, pl. 47: 27 (following Myres says type not earlier than 8th cent.), 1292-1000, inscriptions, scarabs, etc. Albright, 12th to 10th cent., *AAS* 17: 76 f.

Beth-zur: ? *BZ*, fig. 31: left center, ca. 1200-1050, comp.

Jericho: ? *J*, 146, pl. 30: G2, 3, ?

Megiddo: Massebenraum, 6 Schicht. *TM* I, B, pl. 40: e. T. 73. *MT*, pl. 66: 16, EI ii (1100-1000). Pl. 160: 25, EI-MI (ca. 1000). Str. V-III. *M* I, pls. 5: 123, 46: 123, 1060-650. Albright, ca. 1050-ca. 670 (?), *AJA* 44: 548 f.

Samaria: basilica 13 sub. *S* I: 281, fig. 157: 3d (?), 900-700, comp.

T. Beit Mirsim: R. SE22B-4. *AAS* 12: 72, pl. 51: 9, ca. 1150-920, comp. S. 7, str. B<sub>3</sub> (?). *Ibid.*, 69, pl. 31: 43 (neck), ca. 1000-920, comp.

T. ej-Judeideh: ? *EP*, 85, pl. 31: 11, 1500-750. (Authors admit date uncertain; whether "Late pre-Israelite" or "Jewish" difficult to determine; see discussion), comp.

T. el-'Ajjûl: Ts. 1010, 1022, 1037, 1067, 1106. *TA* II, pl. 35: 82G3. T. 1037 had scarab of Amenhotep II. 10th and early 9th cent., Albright, *AJS* 55: 358.

T. el-Fâr'ah: T. 229. *TF* I: 13, pl. 39: 82g3, XXI or XXII dyn. (?) (in text implied to be XXI dyn., Solomonic, but on plate XXII dyn.), scarabs, comp. Of a series dated between the 11th and 9th cent., *AS* V: 133. Ts. 201, 211, 227, 229, 236, 241. *CPP*, 82G4, XX and XXII dyn. Same comment. Ts. 206, 211. *CPP*, 82G6, and 82G3, XX dyn. Same comment.

T. el-Hesî: 310 E, 315 N. *TH*, 46, pl. 8: 164, 600 and 1000, comp. (1000 does not jibe with Petrie's chronology; Bliss, ca. 1000-800, *MMC*, pl. 2).

T. Jemmeh: GV185, GP183, GL183. *Gerar*, 22, pl. 60: 82e and 82g, ca. 1200, scarab, comp. Albright, 10th cent., *AAS* 12: 79. *CPP*, 82E, 82G, XX dyn. Same comment. WE184. *Gerar*, pl. 62: bottom middle, ca. 1200 (not from regular stratification so of less value). Same comment.

**874** T. Abū Hawam: G1, outside W. extremity of site, close below the surface of the plain. *QDAP* 4: 22, pl. 13: 86 (decoration not clear), ca. 1100-925, comp.

**875** T. Abū Hawam: E5, R. 18, III. *QDAP* 4: 22, pl. 13: 87 (larger), ca. 1100-925, comp. Jericho: ? *J*, 146, pl. 30: G, 4, ?

## HANDMADE CUPS

**886** Megiddo: T. 1120A. *MT*, pl. 22: 12 (blue-black 3 core, Naples yellow 2 surface; larger), MB i (2000-1800).

**887** Jericho: T. A. *LAA* 19, pl. 4: 6 (lt red gritty ware; has hole in bottom), MB i (2000-1800), comp.; EB ii, *LAA* 22: 147. Late EB iii, Wright, *PP*, chart.

Megiddo: T. 41. *MT*, pls. 10: 2, 88: 1, MB i (2000-1800).

**888** Jericho: R. 109, level 11.23 m. *LAA* 22, pl. 29: 26 (brick ware), late EB ii. Synchronization with chart, *LAA* 23, pl. 28, shows layer III, so early EB iii, Wright, *PP*, chart.

**889** Jericho: J. 33, E. 7, level 11.40 m. *LAA* 22, pl. 31: 7 (?) (fine red ware), EB ii. Synchronization with chart, *LAA* 23, pl. 28, indicates layer IV-III, so EB ii-iii, Wright, *PP*, chart.

**890** Jericho: T. A. *LAA* 19, pl. 3: 7, MB i (2000-1800), comp.; EB ii, *LAA* 22: 147. Late EB iii, Wright, *PP*, chart. R. 109, level 12.33 m. *LAA* 22, pl. 29: 27 (crudely made, gray-brown ware, slip-smoothed), late EB ii. Synchronization with chart, *LAA* 23, pl. 28, indicates layer IV, so EB ii, Wright, *PP*, chart.

T. ej-Judeideh: ? *EP*, 78 f., pl. 24: 7, ?-1500, comp.

T. el-'Ajjûl: BN of 725 level. *TA* I, pl. 45: 37Y9 (?), ? (Albright says oldest remains of MB i, *BAS* 48: 16.)

**891** T. eş-Şâfi: ? *EP*, 78 f., pl. 24: 3 (?), ?-1500, comp.

**892** Beth-shan: level 15. *MJ* 24, pl. 5: 25, perhaps ca. 3000, comp. EB ia, Wright, *PP*, chart.

Et-Tell (Ai): sanctuary. *Syria* 16, pl. 56: 12, of 3d millennium B. C., alabaster bowls, comp. Wright dates later sanctuary EB iii, ca. 2700-2400, *PP*, chart.

**893** Megiddo: T. 217B. *MT*, pls. 10: 16, 90: 19, MB i (2000-1800).

**895** Beth-shan: level 16. *MJ* 24, pl. 3: 6, into 4th millennium B. C., comp. Upper Chalcolithic, Wright, *PP*, chart.

**897** Jericho: T. A. *LAA* 19, pl. 6: 8, MB i (2000-1800); EB ii, *LAA* 22: 147. Late EB iii, Wright, *PP*, chart.

## PLATE 44

**901** Jericho: R. 129, level 10.57. *LAA* 22, pl. 31: 18 (larger), EB ii. Synchronization with chart, *LAA* 23, pl. 28, indicates layer VI-V, so EB ia, Wright, *PP*, chart. R. 129, level 10.77. *LAA* 22, pl. 29: 4 (larger), late EB ii. See note above. R. 129, level 10.77, layer V or IV. *PP*, chart, B-Va (rim fragment and handle. See also *BAS* 63: 17), EB ii.

Megiddo: str. XIX. *SAOC* 17, chart 3 (base rather flat; drawing indicates red slip), 3300-3000, comp.

**902** Jericho: ? *J*, pl. 20: B, 2a (?), Kanaanitisch.

**903** Jericho: R. 421, layer VII. *LAA* 23, pl. 36: 17 (lt brown, gray core), EB i. EB ia, Wright, *PP*, 60 and chart.

**904** Jericho: R. 394, layer VII. *LAA* 23, pl. 36: 20, EB i. EB ia, Wright, *PP*, 60 and chart.

Megiddo: stages IV-VII. *SAOC* 10, fig. 6: 24, chart, 24. Stages IV-VII (?-ca. 3000), same. *PP*, A-V', EB i. (See also *BAS* 63: 17.)

**905** Jericho: R. 140, level 10.72 m. *LAA* 22, pl. 27: 17 (smaller neck, lt brick ware), EB ii. Synchronization with chart, *LAA* 23, pl. 28, indicates layer V, so EB i, Wright, *PP*, chart.

**913** Et-Tell (Ai): necropolis. *Syria* 16, pl. 57: row 2, no. 3 (no decoration apparent), ca. 3000-2500, comp. (Wright dates EB i, especially ia, *PP*, 61 and chart.)

**914** Ophel: T. 3. *PP*, chart, A-Va (see also *BAS* 63: 16), EB i.

**915** Jericho: kiln 267. *LAA* 23, pl. 37: 19 (less squat; partly fire blackened), EB ii.

**916** Jericho: T. A. *LAA* 19, pl. 6: 5 (lt red ware with red slip), MB i (2000-1800), comp. (date changed to last phase of EB, *PEQ* 1935, note 61); EB ii, *LAA* 22: 147. *PP*, chart, G-Va (see also *BAS* 63: 18), EB iii.

**917** Jericho: T. 351. *LAA* 22, pl. 34: 2 (shape more regular; drab ware), late EB ii. Early EB iv, Wright, *PP*, chart.

**918** Jericho: ? *J*, pl. 20: B, 2b, Kanaanitisch.

## CUPS

**926** 'Ain Shems: Y31, str. II. *AS* II: 25, pl. 39: 33, ca. 900-600, comp. *AS* I, pl. 14: bottom lower 3d from right. ? R. 372 (1933), str. II. *AS* IV, pl. 67: 18 (shape varies slightly; reddish brown ware, buff surface, black and white grits), ca. 1000-586, seals, comp.

**927** Megiddo: str. III. *M* I, pls. 2: 60 (green-brown, lt red wash, vertical irregular hand burnishing) (58 and 59 also close), 44: 60, 780-650, Albright, 733-ca. 670 (?), *AJA* 44: 549.

**928** 'Ain Shems: T. 8. *APEF* 2, pl. 56: 12, ca. 850-700, comp., inscribed seal. 7th or early 6th cent., *AS* V: 136. III 71. *AS* II: 27, pl. 39: 56 (?), ca. 1200-900, comp. Possibly ca. 1000-950, *AS* V: 15.

Eḏ-Dāheriyeh: tomb. *QDAP* 4, pl. 61: row 3, no. 5, ca. 1000-?, comp. Probably 9th cent., *AS* V: 137.

**929** 'Ain Shems: T. 1. *APEF* 2: 57, pl. 24: 1 (?), ca. 1300-950, comp., scarabs and amulets not studied. Late 10th and early 9th cent., *AS* V: 136. ? *AS* I, pl. 27: top center left, ?

T. Beit Mirsim: str. A. *AAS* 12: 82 f., 84, pl. 69: 2, ca. 800-600, seal imp., inscriptions, scarabs.

T. el-Fūl: Ts., S. slope. *PEQ* 1915: 36, 37, pl. 4: fig. 3 right, ca. 250-50, Macalister. EI ii, Albright, *AAS* 12: 76.

**930** 'Ain Shems: T. 1. *APEF* 2: 57, pl. 24: 3, ca. 1300-950, comp., scarabs and amulets not studied. See

note on S 929. ? *AS* II, pl. 39: 64. ? R. 386, II. *AS* III: 65, pl. 24: 5.1, ca. 900-600, comp. R. 342, II. *Ibid.*, 72 f., pl. 28: 1.1, 3, same date. R. 337, II. *Ibid.*, 73, pl. 29: 3.2, same date. R. 56 (1931), str. II. *AS* IV, pl. 67: 14 (lt brown, bright red surface, fine black grits), ca. 1000-586, seals, comp.

**931** 'Ain Shems: T. 1. *APEF* 2: 57, pl. 24: 5 (?), ca. 1300-950, comp., scarabs and amulets not studied. See note on S 929. Repository of T. 2. *Ibid.*, pl. 33: 23, ca. 1050-850, comp., scarabs not studied. 8th cent. and slightly earlier, *AS* V: 136. T. 7. *APEF* 2, pl. 47: 10 (?), ca. 950-700, comp. 7th or early 6th cent., *AS* V: 136. S28, II 128. *AS* II: 19, pl. 39: 57, ca. 900-600, comp.

T. ej-Judeideh: ? *EP*, 104, pl. 53: 11, 750-ca. 350, seal imp., comp.

**932** Beth-zur: ? *BZ*, pl. 10: 11 (note pl. 5: 17, 18, and pl. 7: 5 are wrongly placed), ca. 500-100, coins, seal imp., comp.

**934** 'Ain Shems: T. 1. *APEF* 2: 57, pl. 24: 4 (?), ca. 1300-950, comp., scarabs and amulets not studied. Late 10th and early 9th cent., *AS* V: 136.

Eḏ-Dāheriyeh: tomb. *QDAP* 4, pl. 63: row 3, no. 4, ca. 1000-?, comp. Probably 9th cent., *AS* V: 137.

**935** Beth-shan: R. 1029 (under wall), Rameses II level. B-5 II, ii: 34, pl. 48: 1 (brown ware with red surface, disk base), 1292-1000, inscriptions, scarabs, etc. Albright, 12th to 10th cent., *AAS* 17: 76 f.

T. el-Ajjūl: Ts. 1035, 1506. *TA* II, pl. 30: 34E4 (?), XVIII dyn. (T. 1035), scarab. Possibly one of the 10th-9th cent. group of tombs, *AJS* 55: 358.

**937** Megiddo: str. V. *M* I, pl. 31: 151 (of same general class), ca. 1050-1000. Albright, ca. 1050-950, *AJA* 44: 548.

**939** 'Ain Shems: T. 5. *APEF* 2: 76, pl. 41: 6, ca. 950-600, comp. 7th or early 6th cent., *AS* V: 136. R. 125. *AS* II: 17, pl. 39: 41, ca. 900-600 (?), comp. *AS* I, pl. 14: top upper 3d from right, same date. R. 440, III. *AS* III: 52, pl. 24: 7.2(?), ca. 1200-900, comp. R. 393 (1933), str. IIB-c. *AS* IV, pls. 66: 45, 44: 16 (rim not so flat; reddish-brown ware, many grits; hole in bottom), ca. 950-586, seals, comp.

T. Beit Mirsim: str. A. *AAS* 12: 86, pl. 67: 23, 25 (?), ca. 800-600, seal imp., inscriptions, comp.

**940** 'Ain Shems: R31, III. *AS* II: 27, pl. 39: 39, ca. 1200-900, comp. Possibly ca. 1000-950, *AS* V: 15. *AS* I, pl. 14: top upper 2d from left (?), same date. R. 393, II. *AS* III: 63 f., pl. 24: 5.6, ca. 900-600, comp.

T. Beit Mirsim: str. A. *AAS* 12: 86, pl. 67: 28, ca. 800-600, seal imp., inscriptions, comp.

T. Jemneh: AY199. *Gerar*, pl. 52: 32x (?), ca. 660, comp. Albright, 6th cent., *AAS* 12: 79. *CPP*, 32X (?), XXVI dyn. Same comment.

**941** Jericho: palace storeroom 73. *LAA* 21, pl. 26: 15 (?), (gray ware), MB ii (1800-1500), comp.

## PLATE 45

**948** 'Ain Shems: N.E. IV, 55, due E. of shagtooth. *AS* II: 22, pl. 39: 37 (?), LB, comp. Possibly ca. 1200-1000, *AS* V: 15.

## ONE-HANDLED POTS

**954** Megiddo: str. V-III. *M* I, pls. 5: 119 (more squat), 46: 119, 1060-650. Albright, ca. 1050-ca. 670 (?), *AJA* 44: 548 f. Str. VI. *SAOC* 17, chart 8 (also found in str. V), 1170-1100. Albright, ca. 1140-early 11th cent., *AJA* 44: 548.

T. Abū Hawam: R. 18, E5, str. III. *QDAP* 4, fig. 80



(rough brown ware, black center and fine white grits. Lower part blackened by fire), p. 22, *ca.* 1100-925, comp.

**956** 'Ain Shems: repository of T. 2. *APEF* 2, pl. 33: 25, *ca.* 1050-850, comp., scarabs not studied. 8th cent. and slightly earlier, *AS* V: 136. Repository of T. 4. *APEF* 2, pl. 39: 11, *ca.* 950-750, comp., amulet not studied. 7th and early 6th cent., *AS* V: 136. Repository of T. 7. *APEF* 2, 81, pl. 46: 9, 13, *ca.* 950-700, comp. Same comment. T. 7. *Ibid.*, 81, pl. 47: 19, same date and comment. Y32. ? *AS* I, pl. 14: bottom, top left; II: 25, *ca.* 900-600, comp.

T. Beit Mirsim: str. A. *AAS* 12: 82, pl. 57: 1 (?), *ca.* 900-600, comp., seal imp., inscriptions.

**957** 'Ain Shems: R. 305 (1933), II. *AS* IV, pl. 45: 1 (?), *ca.* 1000-586, seals, comp.

Jericho. ? J, pls. 38: D, 3 (?), 34: A, 25b (?), Jüdisch. Megiddo: str. V. *M I*, pl. 7: 166, 1060-1000. Albright, *ca.* 1050-950, *AJA* 44: 548.

T. Beit Mirsim: str. A. *AAS* 12: 82, pls. 57: 10, 38: 18 (?), *ca.* 900-600, comp., seal imp., inscriptions.

Ed-Dāherīyeh: tomb. *QDAP* 4, pl. 63: row 2, no. 1, *ca.* 1000-?, comp. Probably 9th cent., *AS* V: 137.

**959** 'Ain Shems: level II, inside city wall. *BS*, 210, p. 211: 126, *ca.* 900-700 or 600, comp., seal from Temple not studied.

Ed-Dāherīyeh: tomb. *QDAP* 4, pl. 62: 1st row center, 2d row center, *ca.* 1000-?, comp. See note on S 957.

**961** T. Abū Hawam: area E6 at 15, str. III. *QDAP* 4: 21, pl. 13: 76 (shape varies somewhat; red brown with large white grits), *ca.* 1100-925, comp.

T. el-Hesī: level 314 NE. *TH*, 48, pl. 9: 187, 600, comp. Bliss, somewhat earlier, *MMC*, pl. 2.

**962** Ed-Dāherīyeh: tomb. *QDAP* 4, pl. 63: row 1, no. 3, *ca.* 1000-?, comp. See note on S 957.

**963** Megiddo: str. V. *M I*, pls. 8: 179 (general shape similar but lines of neck and body more vertical), 48: 179, 1060-1000. Albright, *ca.* 1050-950, *AJA* 44: 548.

**965** Jericho. ? J, pl. 34: A, 25a, Jüdisch. Megiddo: T. 37E. *MT*, pl. 40: 2 (rim slightly in-turned), EI-MI (*ca.* 1000).

**967** T. el-Fūl: Ts., S. slope. *PEQ* 1915: 36-37, pl. 4: fig. 3 (center), Maccabaeans or slightly earlier, Macalister. EI ii, Albright, *AAS* 12: 76.

#### PLATE 46

**969** 'Ain Shems: R. 337, II. *AS* III: 73, fig. 5: 3-165, *ca.* 900-600, comp.

**970** 'Ain Shems: Area Z31 (1930). *AS* IV, pl. 67: 13, *ca.* 1000-586, seals, comp.

**971** 'Ain Shems: T. 8. *APEF* 2, pl. 56: 14 (?), *ca.* 850-700, comp., inscribed seal. 7th or early 6th cent., *AS* V: 136.

T. Beit Mirsim: str. A. *AAS* 12: 82, pls. 57: 17 (?), 37: 9 (?), *ca.* 900-600, comp. seal imp., inscriptions.

Ed-Dāherīyeh: tomb. *QDAP* 4, pl. 63: row 2, no. 4, *ca.* 1000-?, comp. Probably 9th cent., *AS* V: 137.

**972** 'Ain Shems: T. 8. *APEF* 2, pl. 56: 19 (?), *ca.* 850-700, comp. inscribed seal. See note on S 971. Ci 25. *AS* III: 63, pl. 27: d left, b 2d from right, ? Mainly IIC, *ca.* 825-586, *AS* V: 136.

**973** 'Ain Shems: T. 1. *APEF* 2: 57, pls. 22: 18 (?), 24: 2 (?), *ca.* 1300-950, comp., scarabs and amulets not studied. Late 10th and early 9th cent., *AS* V: 136. *APEF* 1, fig. 15: 3 (?), considered largely LB ii. Same comment. Repository of T. 4. *APEF* 2, pl. 39: 12, *ca.* 950-750, comp., amulet not studied. 7th or early 6th cent., *AS* V: 136. Ci 25. *AS* III: 63, pl. 27: g 3d from right (?), ? Mainly IIC, *ca.* 825-586, *AS* V: 136.

Megiddo: str. V. *M I*, pls. 7: 167, 48: 167, 1060-1000. Albright, *ca.* 1050-950, *AJA* 44: 548.

**974** 'Ain Shems: Area Y32 (1930), II. *AS* IV, pl. 67: 16, *ca.* 1000-586, seals, comp.

T. ej-Judeideh: ? *EP*, 104, pl. 53: 3, 750-*ca.* 350, seal imp., comp.

**975** 'Ain Shems: V32, level II. *AS* I, pl. 14: bottom, top right; II: 25, *ca.* 900-600, comp.

'Athlit: T. L23B. *QDAP* 2: 93, fig. 71 (?), pl. 31: 819 (?), *ca.* 500-300, coins comp.

T. Beit Mirsim: str. A. *AAS* 12: 82, pl. 57: 11, *ca.* 900-600, comp., seal imp., inscriptions.

Samaria: Ci 7-S1. *S I*: 290, fig. 167: 8c, 600-400, Aramaic ostraca, comp. *S II*, pl. 65: e (upper right), same date.

**976** Ed-Dāherīyeh: tomb. *QDAP* 4, pl. 63: 2d row, no. 4, *ca.* 1000-?, comp. Probably 9th cent., *AS* V: 137.

? ? *EP*, 76, pl. 21: 3, 750-*ca.* 350, seal imp., comp.

#### COOKING POTS

**979** 'Ain Shems: IV 43. *AS* II: 56, pl. 37: 37, *ca.* 1600?-1200, comp. Possibly later, *AS* V: 15. Area W32 (1930), str. IV. *AS* IV, pl. 58: 27 (deeper from shoulder to rim, and shoulder less sharp), *ca.* 1500-1200, scarabs, comp. R. 334 (1933), str. IIa or b. *AS* IV, pl. 63: 32 (deeper to shoulder), *ca.* 1000-825, comp. R. 441 (1933), str. III. *AS* IV, pl. 62: 33, *ca.* 1200-1000, comp. R. 442 (1933), str. III. *AS* IV, pl. 40: 21 (?), *ca.* 1200-1000, comp. Below foundations of R. 427 (1933), IV. *AS* IV, pl. 32: 8 (?), *ca.* 1500-1200, scarabs, comp.

Beth-shan: R. 1087, Amenophis III level. *B-S* II, ii: 6, 23 pl. 43: 4 (brown ware with very dark red surface), 1411-1375, inscriptions, scarabs, etc. Albright, 13th cent., *AAS* 17: 76 f. Summit and W. slope. *B-S* III, pl. 32: 17, ?

Beth-zur: N. of fortr., EI i str. *BZ*, pl. 8: 17, *ca.* 1200-1050, scarabs, comp.

Jericho: *M I* 3, area 58. *LAA* 21, pl. 24: 17 (drab ware, no grit), 1500-1400, comp.

Megiddo: T. 884D. *MT*, pl. 21: 2, LB i (1600-1400). T. 912D. *MT*, pl. 36: 8 (shoulder more rounded), LB ii (1400-1200). T. 3. *MT*, pl. 37: 4 (and seven similar), LB. T. 1145A. *MT*, pl. 49: 21 (and two similar), LB i (1600-1400). T. 63F. *MT*, pl. 62: 22 (rim slightly different), EI i (1200-1100). T. 80C. *MT*, pls. 75: 10 (rim slightly different and shoulder more rounded), 174: 15, EI-MI (*ca.* 1000). Str. V. *M I*, pl. 40: 18, 1060-1000. Albright, *ca.* 1050-950, *AJA* 44: 548. Str. IX. *SAOC* 17, pl. 4: 22 (coarse pink-buff to brown gray ware), chart 44, 1550-1479, comp. Albright, *ca.* 1550-1468, *AJA* 44: 548.

T. Abū Hawam: str. IV and V. *QDAP* 3, pl. 22: 17, *ca.* 1400-1200, comp.

T. Beit Mirsim: str. C. *AAS* 12: 50 f., pls. 21: 7, 22: 42 (?), *ca.* 1500-1230, scarabs, comp.

T. el-'Ajjūl: E863 and T. 1717. *TA* IV, pl. 49: 32E4 (?), ?

T. el-Fūl: II Fortr. *AAS* 4: 10 f., pl. 25: 14, *ca.* 1050-1000, comp. \*L 11th-E 10th cent.

T. Zakariyā: ? *EP*, 88, pl. 33: 9 (?), 1500-750, comp.

**980** 'Ain Shems: T. 1 (T. 11 of later records). *BS*, p. 191: 404, p. 186, *ca.* 1275-1150, comp., scarab not studied. Begins in 14th cent. and ends *ca.* 1150, *AS* V: 32, 109, and *AAS* 12: 41. R. 405 (1933), str. III. *AS* IV, pl. 40: 18(?), *ca.* 1200-1000, comp.

Beth-zur: N. of fortr., EI i str. *BZ*, pl. 8: 4 (rim more everted), *ca.* 1200-1050, scarab, comp.

T. Beit Mirsim: S. 6, str. B<sub>2</sub>, 3. *AAS* 12: 66, pl. 30: 40

(?) (described as of typical LB ii-EI i type), *ca.* 1050-950, comp. Str. C. *AAS* 13: 90, pl. 17: 6, *ca.* 1500-1230, scarabs, comp.

981 T. Zakariyā: ? *EP*, 88, 76, pls. 33: 8 (?), 20: 16 (?), 1500-750, comp.

982 'Ain Shems: W28, IV 69. *AS* II: 56, pl. 37: 25, *ca.* 1600?-1200, comp. Possibly later, *AS* V: 15. R. 511 (1933), str. IV. *AS* IV, pl. 32: 6 (?), *ca.* 1500-1200, scarabs, comp.

Beth-zur: N. of fortr., EI i str. *BZ*, pl. 8: 7 (?), *ca.* 1200-1050, scarabs, comp.

T. Beit Mirsim: str. C. *AAS* 12: 40 f., pl. 21: 50 (?), *ca.* 1500-1230, scarabs, comp.

T. el-Fūl: II Fortr. *AAS* 4: 10 f., pl. 25: 4 (?), *ca.* 1050-1000, comp. \*L 11th-E 10th cent.

983 'Ain Shems: R. 315 (1933), str. IIa or b. *AS* IV, pl. 63: 31 (hard red brown), *ca.* 1000-825, comp. R. 316 (1933), str. IIa. *AS* IV, pls. 62: 45 (hard brown ware), 41: 27 (?), *ca.* 1000-950, comp.

Beth-shan: R. 1024 (under floor), Rameses II level. *B-S* II, ii: 14 f., 37, pl. 49: 23 (?), 1292-1000, inscriptions, scarabs, etc. Albright, 12th to 10th cent., *AAS* 17: 76 f.

T. Abū Hawam: E3, 4 at 62, str. V. *QDAP* 4: 44, fig. 271 (shoulder more rounded), *ca.* 1400-1230, comp., scarabs. Str. III. *Ibid.*, 7, fig. 10 right, *ca.* 1100-925, comp.

T. el-Fūl: II Fortr. *AAS* 4: 10 f., pl. 25: 9, *ca.* 1050-1000, comp. \*L 11th-E 10th cent.

984 'Ain Shems: III 43. *AS* II: 56, pl. 37: 39 (?) (handleless); *AS* I, pl. 16: left center, *ca.* 1200-900, comp. R. 453 (1933), str. III. *AS* IV, pl. 62: 36 (shoulder angle less), *ca.* 1200-1000, comp.

Beth-shan: R. 1085, Amenophis III level. *B-S* II, ii: 6, 23, pl. 43: 1 (?) (as fragments are drawn rim more everted; handleless), 1411-1375, inscriptions, scarabs, etc. Albright, 13th cent., *AAS* 17: 76 f.

T. Beit Mirsim: str. B. *AAS* 12: 73, pl. 24: 3, *ca.* 1230-920, comp. R. SE23B-8. *Ibid.*, 67 f., pl. 27: 10, *ca.* 950-920, comp.

T. el-Fūl: II Fortr. *AAS* 4: 10 f., pl. 24b: 1, *ca.* 1050-1000, comp. \*L 11th-E 10th cent.

985 'Ain Shems: R. 58, level II. *BS*, p. 213: 206 (lt red), p. 212, *ca.* 900-700 or 600, comp., seal from Temple not studied. U25, III 19. *AS* II: 57, pl. 37: 64, *ca.* 1200-900, comp.

986 'Ain Shems: III No. *AS* II: 57, pl. 37: 56, *ca.* 1200-900, comp. R. 452 (1933), str. III. *AS* IV, pl. 62: 37 (rim fragment), *ca.* 1200-1000, comp.

Megiddo: T. 80C. *MT*, pls. 75: 11, 174: 16, EI-MI (*ca.* 1000). Str. V. *M* I, pl. 40: 21, 1060-1000. Albright, *ca.* 1050-950, *AJA* 44: 548.

#### PLATE 47

987 'Ain Shems: III-IV, V30 outside NE corner of Temple. *AS* II: 56, pl. 37: 18 (?) (handleless), *ca.* 1275-1150, comp. Possibly later, *AS* V: 15.

T. Beit Mirsim: S. 43, str. B<sub>2</sub>. *AAS* 12: 61, pl. 26: 37 (?), *ca.* 1150-1060, comp.

T. el-Fūl: II Fortr. *AAS* 4: 10 f., pl. 25: 19 (?), *ca.* 1050-1000, comp. \*L 11th-E 10th cent.

988 Beth-zur: N. of fortr., EI i str. *BZ*, pl. 8: 11, *ca.* 1200-1050, scarab, comp.

T. el-Fūl: II Fortr. *AAS* 4: 10 f., pl. 25: 18 (?) (handleless), *ca.* 1050-1000, comp. \*L 11th-E 10th cent.

989 'Ain Shems: C14. *AS* II: 56, pl. 37: 42 (?) (handleless), ?.

T. Beit Mirsim: S. 1, str. B<sub>2</sub>. *AAS* 12: 63, pl. 28: 20 (?) (rim), *ca.* 1150-1000, comp.

T. el-Fūl: II Fortr. *AAS* 4: 10 f., pl. 25: 15 (?) (rim), *ca.* 1050-1000, comp. \*L 11th-E 10th cent.

990 'Athlīt: cremated burials, burial i. *QDAP* 6: 139, fig. 4: 6, *ca.* 700-600, comp.

Jericho. ? *J*, pl. 32: A, 10a, Jüdisch.

Megiddo: Templeburg (5th str.). *TM* I, B, pl. 37: g, *ca.* 8th cent. Albright, *AAS* 12: 79.

991 'Ain Shems: R. 249, R31 (1930), str. IIb. *AS* IV, pl. 63: 38, *ca.* 950-825, comp.

Megiddo: str. IV-I. *M* I, pl. 39: 9, 1000-*ca.* 350. Albright, *ca.* 950-*ca.* 450 (?), *AJA* 44: 549.

T. Beit Mirsim: str. A<sub>2</sub>. *AAS* 12: 81 f., pl. 56: 10 (?), *ca.* 600, comp., seal imp., inscriptions.

992 'Ain Shems: R. 302 (1933), str. II. *AS* IV, pl. 64: 24 (brown ware), 1000-586, seals, comp.

Megiddo: str. IV-I. *M* I, pl. 39: 8, 1000-350. See note on S 991.

T. Jemmeh: EF185. *Gerar*, 21, pl. 52: 32, *ca.* 1200, scarab, comp. Albright, 10th cent., *AAS* 12: 79. *CPP*, 32e2, XX dyn. Same comment.

993 'Ain Shems: R. 379 (1933), str. II. *AS* IV, pl. 64: 23 (rim fragment, no handle; brown ware), *ca.* 1000-586, seals, comp.

Megiddo: str. IV-I. *M* I, pl. 39: 7, 1000-*ca.* 350. See note on S 991.

996 'Ain Shems: S29, II 121, inside Vat. *AS* II: 18, 57, pl. 37: 87, *ca.* 900-600, comp.

997 'Ain Shems: W28, III 23. *AS* II: 57, pl. 37: 59, *ca.* 1200-900, comp. R. 406 (1933), str. III. *AS* IV, pl. 59: 17 (?) (sharp shoulder), *ca.* 1200-1000, comp. R. 75, W27 (1929), str. IIb. *AS* IV, pl. 63: 29, *ca.* 950-825, comp. R. 449 (1933), str. III. *AS* IV, pls. 62: 27 (rim fragment; reddish-brown, gray core), 40: 13 (?) (see previous note), *ca.* 1200-1000, comp.

Beth-zur: N. of fortr., EI i str. *BZ*, pl. 8: 25 (rim fragment), *ca.* 1200-1050, scarab, comp.

T. Abū Hawam, R. 19, F5, str. III. *QDAP* 4: 23, fig. 90 (?) (no handles), *ca.* 1100-925, comp.

T. Beit Mirsim: str. B. *AAS* 12: 73, pl. 24: 9 (?), *ca.* 1230-920, comp.

T. el-Fūl: II Fortr. *AAS* 4: 10 f., pl. 25: 28 (?), *ca.* 1050-1000, comp. \*L 11th-E 10th cent.

998 'Ain Shems: R27, III-IV. *AS* II: 57, pl. 37: 50 (?), *ca.* 1275-1150, comp. R. 75, W27 (1929), str. IIb. *AS* IV, pl. 63: 30, *ca.* 950-825, comp.

999 'Ain Shems: II 83. *AS* II: 57, pl. 37: 84, *ca.* 900-600, comp.

Megiddo: str. IV-I. *M* I, pl. 39: 12, 1000-350. Albright, *ca.* 950-*ca.* 450 (?), *AJA* 44: 549. Str. V-IV (and earlier). *M* I, pl. 40: 19, *ca.* 1060-800. Albright, *ca.* 1050-733, *ibid.*

1000 Megiddo: str. IV-I. *M* I, pl. 39: 6, 1000-*ca.* 350. See note on S 999.

T. Beit Mirsim: str. A<sub>2</sub>. *AAS* 12: 81 f., pl. 56: 11 (?), *ca.* 600, comp., seal imp., inscriptions.

1002 'Ain Shems: II, 73. *AS* II: 57, pl. 37: 76, *ca.* 900-600, comp. R. 316 (1933), str. IIa. *AS* IV, pls. 62: 46 (varies slightly; angles sharper), 41: 26 (?), *ca.* 1000-950, comp.

1003 'Ain Shems: III 44. *AS* II: 56, pl. 37: 46, *ca.* 1200-900, comp. R. 318 (1933), str. II. *AS* IV, pl. 64: 20, *ca.* 1000-586, seals, comp.

T. el-Fūl: II Fortr. *AAS* 4: 10 f., pl. 25, fig. 22 (?), *ca.* 1050-1000, comp. \*L 11th-E 10th cent.

1004 'Ain Shems: R. 310 (1933), (IIb locus). *AS* IV, pl. 64: 22 (rim fragment; no handle; brown ware), *ca.* 950-825, seals, comp.



'Athlit: N. slope of tell. *QDAP* 3: 147, 149 f., fig. 5: 12 (rim fragment), ?

Beth-shan: R. 1001 (floor level), late Ramesside level. *B-S* II, ii: 38, pl. 49: 39(?) (drawing does not permit exact comparison), 1000-300, comp. Albright, 12th and 11th cent., *AAS* 12: 38, 39.

Megiddo: str. IV-I. *M* I, pl. 39: 11, 1000-ca. 350. Albright, ca. 950-ca. 450 (?), *AJA* 44: 549.

1005 'Ain Shems: U28, II 99. *AS* II: 57, pl. 37: 77, ca. 900-600, comp. R. 318 (1933), str. II. *AS* IV, pl. 64: 25 (rim fragment, no handle), ca. 1000-586, seals, comp. R. 387 (1933), str. IIa or b. *AS* IV, pl. 63: 35 (rim fragment), ca. 1000-825, comp.

Jericho. ? *J*, pl. 32: A, 10b, Jüdisch.

1006 'Ain Shems: T.28, III, sub II 130. *AS* II: 57, pl. 37: 58, ca. 900-600, comp. Possibly ca. 1000-950 or 825, *AS* V: 15.

Megiddo: str. IV-I. *M* I, pl. 39: 10, 1000-ca. 350. See note on S 1004.

T. Beit Mirsim: str. A<sub>2</sub>. *AAS* 12: 81 f., pl. 56: 1 (?), ca. 600, comp., seal imp., inscriptions.

1007 'Ain Shems: U25, III 19. *AS* II: 57, pl. 37: 65 (?), ca. 1200-900, comp. Possibly ca. 1000-950, *AS* V: 15.

#### PLATE 48

1008 'Ain Shems: Mid III. *AS* II: 57, pl. 37: 51 (?), ca. 1200-900, comp. R. 387 (1933), str. IIa-b. *AS* IV, pl. 44: 2 (?), ca. 1000-825, comp.

Beth-zur: N. of fortr., EI i str. *BZ*, pl. 8: 12 (rim), ca. 1200-1050, scarab, comp.

T. Beit Mirsim: str. C. *AAS* 12: 40 f., pl. 21: 10 (?), ca. 1500-1230, scarabs, comp.

T. el-Fûl: II Fortr. *AAS* 4: 10 f., pl. 25: 26, ca. 1050-1000, comp. \*L 11th-E 10th cent.

1011 T. Abû Hawam: str. III. *QDAP* 4: 7, fig. 10 left (?) (rim), ca. 1100-925, comp.

T. el-Fûl: II Fortr. *AAS* 4: 10 f., pl. 25: 23 (?) (rim), ca. 1050-1000, comp. L 11th-E 10th cent.

1012 Beth-shan: summit and W. slope. *B-S* III, pl. 32: 11, ?

T. el-Fâr'ah: Ts. 257, 265, B49.36 (LI). *CPP*, 32D3, XXII dyn.

? ? *EP*, 76, pl. 20: 15 (?), 1500-750 (?), comp.

1013 'Ain Shems: T28, II 93. *AS* II: 57, pl. 37: 90, ca. 900-600, comp.

Megiddo: str. IV-I. *M* I, pl. 39: 4, 1000-ca. 350. Albright, ca. 950-ca. 450 (?), *AJA* 44: 549.

Samaria: at Basilica. *S* I: 284, fig. 160: 7, 900-700, comp.

1014 Megiddo: str. IV-I. *M* I, pl. 39: 1, 1000-ca. 350. See note on S 1013.

1015 T. Beit Mirsim: str. A<sub>2</sub>. *AAS* 12: 81 f., pl. 56: 2 (?), ca. 600, comp., seal imp., inscriptions.

1016 T. Jemmeh: N. wall of FN188. *Gerar*, pl. 52: 32 f. (smaller size), ca. 1050, comp. Albright, latter part of 10th cent., *AAS* 12: 79. *CPP*, 32F, XXI dyn. Same comment.

1017 'Ain Shems: II 256. *AS* II: 57, pl. 37: 86, ca. 900-600, comp.

1019 'Ain Shems: R. 387 (1933), str. IIb-c. *AS* IV, pl. 44: 8 (?) (rim), ca. 950-586, seals, comp.

1022 'Ain Shems: R. 334 (1933). *AS* IV, pl. 63: 41 (rim fragment with handle; hard brown ware, gray core), ca. 1000-586, comp. R. 310 (1933), str. IIb. *AS* IV, pl. 44: 9, ca. 950-825, comp.

1023 Megiddo: str. IV-I. *M* I, pl. 39: 3, 1000-ca. 350. See note on S 1013.

1024 Balû'ah: tower levels of pit near N. wall. *PEQ* 1934: 79, pl. 2: fig. 2, no. 4 (rim fragment only), ca. 1200-900, comp.

1025 Beth-shan: E. of Temple area, late Ramesside level. *B-S* II, ii: 38, pl. 49: 36, 1000-300, comp. Albright, 12th and 11th cent., *AAS* 17: 76 f.

1026 T. Beit Mirsim: str. A<sub>2</sub>. *AAS* 12: 81 f., pl. 55: 5 (?), ca. 600, comp., seal imp., inscriptions.

#### PLATE 49

1029 Beth-shan: R. 1094, late Seti I level. *B-S* II, ii: 11, 31, pl. 46: 16(?) (black ware; handleless), ca. 1250-1150, seal, comp. Albright, mainly 12th cent., *AAS* 17: 76 f.

T. Beit Mirsim: str. A<sub>2</sub>. *AAS* 12: 81 f., pl. 55: 4 (?), ca. 600, comp., seal imp., inscriptions. Str. B. *Ibid.*, 73, pl. 24: 10 (?), ca. 1230-920, comp.

1030 'Ain Shems: V29, IV 83. *AS* II: 56, pl. 37: 17 (?), ca. 1600?-1200, comp. Possibly ca. 1200-1000, *AS* V: 15. R. 300 (1933), str. IIa-b. *AS* IV, pl. 44: 1 (?), ca. 1000-825, comp.

T. Beit Mirsim: S. 43, str. B<sub>2</sub>. *AAS* 12: 61, pl. 26: 38 (?), 1150-1000, comp. R., str. B<sub>3</sub>. *AAS* 12: 68 f., pl. 27: 36 (?), ca. 950-920, comp.

T. Jemmeh: FT190. *Gerar*, 21, pl. 52: 32p, ca. 950, amulets of XXII dyn., comp. Albright, 9th cent., *AAS* 12: 79. *CPP*, 32p2, EI, XXII dyn. Same comment.

1031 'Ain Shems: S29, III 121. *AS* II: 57, pl. 37: 72, ca. 1200-900, comp.

1032 'Ain Shems: S27, III-IV. *AS* II: 56, pl. 37: 34 (?) (handleless), ca. 1275-1150, comp. Possibly later, *AS* V: 15.

Megiddo: Palastwohnung. *TM* I, A, fig. 155, ca. 1000-750 (May, *OIP* 26, legend pl. 31: M227).

1034 'Ain Shems: U29, IV 57. *AS* II: 56, pl. 37: 29 (?), LB, comp. Possibly ca. 1200-1000, *AS* V: 15. R. 441 (1933), str. III. *AS* IV, pl. 61: 27 (?) (well baked red-brown ware, very fine white grits. Ware typical of str. III), ca. 1200-1000, comp.

1035 'Ain Shems: Ci 14. *AS* II: 57, pl. 37: 66 (?), ? Ca. 1200-1000, *AS* V: 41 f.

1038 'Ain Shems: T28, III 39. *AS* II: 56, pl. 37: 35 (?) (handleless), ca. 1200-900, comp.

Beth-shan: R. 1020, Rameses II level. *B-S* II, ii: 14 f., 37, pl. 49: 25, 1292-1000, inscriptions, scarabs, etc. Albright, 12th to 10th cent., *AAS* 17: 76 f.

T. Zakariyâ: ? *EP*, 88, pl. 33: 4 (considered prototypes of Jewish forms), 1500-750, comp.

1042 T. Beit Mirsim: str. A<sub>2</sub>. *AAS* 12: 81 f., pl. 56: 9 (?), ca. 600, comp., seal imp., inscriptions.

1044 'Ain Shems: IV, S29. *AS* II: 56, pl. 37: 15, ca. 1600?-1200, comp. Possibly ca. 1200-1000, *AS* V: 15.

T. Beit Mirsim: S. 2, str. B<sub>2</sub>. *AAS* 12: 63, pl. 28: 14 (?), ca. 1150-1000, comp.

1045 Jericho. ? *J*, pl. 32: A, 10c, Jüdisch.

1048 'Ain Shems: T28 S. of channel, sub II. *AS* II: 57, pl. 37: 81, ? Possibly ca. 950-825, *AS* V: 15. R. 461 (1933), str. III. *AS* IV, pl. 62: 34 (rim fragment), ca. 1200-1000, comp.

#### PLATE 50

1051 'Ain Shems: Ci 25. *AS* III: 63, pl. 27: b left (?), ? Mainly IIc, ca. 825-586, *AS* V: 136.

1052 T. el-Fâr'ah: AB387. *TF* II, pl. 84: 32E7 (?), ?

1053 Jerusalem: Bishop Gobat's School. *PEQ* 1935: 142, 143, pl. 6: 10 (notice handle attachment; later type), late Hellen. and Herodian, comp.

T. Abū Hawam: str. II. *QDAP* 4: 4 f., fig. 6 (dark brick-red ware, dark brown core with black grits), late 6th-early 4th cent., comp.

**1056** 'Ain Shems: NW extramural R23-24 near Ca 20. *AS* II: 57, pl. 37: 89 (?), ? In front of Ca 19 (1929). *AS* II: 64, pl. 40: 24 (?) (rim slightly different), ?

Beth-zur: ? *BZ*, pl. 10: 4, ca. 500-100, coins, seal imp., comp.

**1058** T. el-Fūl: II Fortr. *AAS* 4: 10 f., pl. 25: 29 (?), ca. 1050-1000, comp. \*L 11th-E 10th cent.

**1059** T. Beit Mirsim: str. A<sub>2</sub>. *AAS* 12: 81 f., pl. 56: 8 (?), ca. 600, comp., seal imp., inscriptions.

**1063** 'Ain Shems: U30, low II or U28, R. 95, II. *AS* II: 17, 57, pl. 37: 74, ca. 900-600, comp. Ci 25. *AS* III: 62 f., pl. 27: d right, ? Mainly IIc, ca. 825-586, *AS* V: 136. Area T28, E. end of drain (1929), IIc. *AS* IV, pl. 64: 30 (slightly different), ca. 825-586, seals, comp.

T. Beit Mirsim: str. A<sub>2</sub>. *AAS* 12: 81 f., pl. 55: 12, ca. 600, comp., seal imp., inscriptions.

T. ej-Judeideh: ? *EP*, 105, 76, pls. 54: 1, 21: 13, 750-ca. 350, seal imp., comp.

**1064** 'Ain Shems: Y31, level II. *AS* I, pl. 14: bottom lower 2d from left, *AS* II: 25, ca. 900-600, comp. R. 337, II. *AS* III: 73, fig. 5: 3-166, ca. 900-600, comp. R. 372, II. *Ibid.*, 69, pl. 25: 4 left, same date as above. R. 372 (1933), IIb-c. *AS* IV, pl. 64: 31 (red ware), ca. 950-586, seals, comp. R. 335 (1933), str. IIc. *Ibid.*, pl. 44: 13 (?), ca. 825-586, seals, comp.

T. Beit Mirsim: str. A<sub>2</sub>. *AAS* 12: 81 f., pl. 55: 1, ca. 600, comp., seal imp., inscriptions.

T. ej-Judeideh: ? *EP*, 105, 76, pls. 54: 5, 21: 5, 750-ca. 350, seal imp., comp.

**1065** 'Ain Shems: T. 7. *APEF* 2: 82, pl. 47: 18, ca. 950-700, comp. 7th or early 6th cent., *AS* V: 136. W28, II-III, sub Temple. *AS* II: 57, pl. 37: 62, ca. 1000-800, comp. R. 374, II. *AS* III: 68, pl. 25: 4r, ca. 900-600, comp. Str. IIb locus (1929). *AS* IV, pl. 64: 28 (slightly different; ware thicker; hard brown ware), ca. 950-825.

T. Beit Mirsim: str. A<sub>2</sub>. *AAS* 12: 81 f., pl. 55: 11(?), ca. 600, comp., seal imp., inscriptions.

**1066** 'Ain Shems: T28, S. of channel, sub II, or (p. 17b), U28, R. 96. *AS* II: 17, 57, pl. 37: 83, ca. 900-600, comp. R. 349, II. *AS* III: 71, fig. 5: 4-15, pl. 25: 4 center, ca. 900-600, comp.

**1067** 'Ain Shems: repository of T. 2. *APEF* 2, pl. 33: 10 (?), ca. 1000-850, comp., scarabs not studied. 7th or early 6th cent., *AS* V: 136. T. 4. *APEF* 2, pl. 39B: 2, ca. 950-700, comp., scarabs not studied. Same comment. T. 5. *Ibid.*, pl. 41: 3 (?), ca. 950-700, comp., scarabs and amulets not studied. Same comment. Level II, E. of Temple. *BS*, p. 205: 132, p. 210, ca. 900-600, comp. R. 349, II. *AS* III: 71, fig. 5: 4-15, pl. 28: top center, ca. 900-600, comp. R. 379 (1933), str. IIc. *AS* IV, pl. 44: 14 (?), ca. 825-586, seals, comp.

T. Beit Mirsim: str. A<sub>2</sub>. *AAS* 12: 81 f., pls. 55: 10, 56: 7, ca. 600, comp., seal imp., inscriptions.

T. el-Hesi: Cities V-VIII. *MMC*, 117, cut p. 120: 240, somewhere between 1000 and ca. 400, scarabs, inscriptions, comp.

**1068** 'Ain Shems: V32 (?), level II. *AS* I, pl. 14: bottom top 2d from right; *AS* II: 25, ca. 900-600, comp. R. 387, II. *AS* III: 65, pl. 24: 4th line right, ca. 900-600, comp.

T. Beit Mirsim: str. A<sub>2</sub>. *AAS* 12: 81 f., pl. 56: 14 (?), ca. 600, comp., seal imp., inscriptions.

**1069** 'Ain Shems: T. 2. *APEF* 2, pl. 37: 15, ca. 950-700, comp., scarabs not studied. 7th or early 6th cent., *AS*

V: 136. T. 8. *APEF* 2, pls. 56: 22, 57: 7, ca. 850-700, comp., inscribed seal. Same comment. III N. *AS* II: 20, 57, pl. 37: 71, ca. 1200-900, comp. Possibly later, *AS* V: 15. R. 387 (1933), str. IIc. *AS* IV, pl. 44: 15 (?), ca. 825-586, seals, comp.

**1070** 'Ain Shems: area R23-24, outside Ca 20 (1929). *AS* IV, pl. 69: 8 (flattened base), Byzantine.

'Ain Yabrūd: tomb. *QDAP* 6, pl. 4: 19 (body and handle shapes more angular), 4th cent. A. D., coin, comp.

T. el-Fār'ah: AB38 7 ft. 10 in., AX 386. *TF* II, pl. 84: 32S9 (slightly smaller and base more flattened), Rom.

T. el-Fūl: grain bin in *huwar* near glacis. *AAS* 4: 27, pl. 24b, fig. 3 (?), ca. 100 B. C.-200 A. D., comp.

**1071** 'Ain Shems: T. 14. *AS* 4, pl. 68: 23 (?) (longer neck), 6th cent. Wright in correspondence has dated a number of the fragments from this tomb to 2d cent.

**1073** Beth-zur: ? *BZ*, pl. 10: 2 (dark brown), ca. 500-100, coins, seal imp., comp.

#### PLATE 51

**1074** 'Ain Shems: T. 14. *AS* 4, pl. 68: 18, 6th cent. See note on S 1071.

'Athlīt: N. slope of tell. *QDAP* III: 147, 149 f., fig. 5: 11 (rim fragment), ? Possibly part of the material within ca. 500-200.

Beth-zur: ? *BZ*, pl. 11: 5, ca. 500-100, seal imp., coins, comp.

#### HANDMADE BOWLS

**1078** Jericho: R. 167, level 9.21. *LAA* 22, pl. 36: 13, EB i. Level suggests early part so possibly ia of Wright, *PP*. R. 140, level 10.72 m. *LAA* 22, pl. 27: 22, EB ii. Synchronization with chart, *LAA* 23, pl. 28, indicates layer V, so EB i, Wright, *PP*, chart. R. 374, layer VI. *LAA* 23, pl. 36: 8, EB i. EB ia, Wright, *PP*, 66 and chart.

Megiddo: T. 903 Upper. *MT*, pl. 3: 2. Stages IV-VII (?-ca. 3000). EB i and possibly slightly earlier, Wright, *PP*, 66 and chart. T. 1101B Lower. *MT*, pl. 6: 20 (traces of lt red 3 wash). Same date and comment. Stages IV-VII. *SAOC* 10, chart: 21c (red high polish). Same date and comment.

**1079** Jericho: T. A. *LAA* 19, pl. 3: 1 (lt red ware with traces of pink), MB i (2000-1800), comp.; EB ii, *LAA* 22: 147. Late EB iii, Wright, *PP*, chart and 75.

Megiddo: T. 903 Upper. *MT*, pl. 3: 1. Stages IV-VII (?-ca. 3000), EB i and possibly slightly earlier, Wright, *PP*, 66 and chart. T. 910 A Fill. *MT*, pl. 4: 6 (lt red 3 wash; wheel made). Stages IV-VII (?-ca. 3000, same comment).

T. el-Hesi: 285 SE; 280 SE; 270 NE. *TH*, 42, pl. 6: 91(?) (burnished), 1200-1600, conjectured. Albright, probably EB, *BAS* 17: 7 f.

**1080** Jericho: Sq. K. 6, City B. *LAA* 19: 17 f., pl. 12: 5 (red with buff core, blackened on edges and inside; possibly a primitive specimen of a lamp), probably MB i (2000-1800), comp.; dating uncertain, probably earlier.

**1081** Megiddo: str. XVI-XVII. *SAOC* 17, chart 13 (?), 2500-1950, comp. Between ca. 2800 and ca. 2500, Albright, *AJA* 44: 547.

**1082** Megiddo: T. 903 Lower. *MT*, pls. 3: 10 (rim fire blackened), 76: 8. Stages IV-VII (?-3000). EB i and possibly slightly earlier, Wright, *PP*, 66 and chart.

**1083** Megiddo: T. 903 Lower. *MT*, pls. 3: 11 (?) (Naples yellow, lt red 2 wash), 76: 9. Stages IV-VII (?-3000). EB i and possibly slightly earlier, Wright, *PP*, 66 and chart. Stages IV-VII. *SAOC* 10, fig. 6: 20A top. Same date, same comment.

**1084** Et-Tell (Ai): necropolis. *Syria* 16, pl. 58: 24, ca. 3000-2500, comp. Wright dates EB i, especially ia, PP, 61 and chart.

Jericho: R. 168, level 9.41 m. *LAA* 22, pl. 36: 12, EB i. Synchronization with layer VI, chart, *LAA* 23, pl. 28, so EB ia, Wright, PP, 66 and chart. R. 421, layer VII. *LAA* 23, pl. 36: 13 (lt red ware with brown core; traces of smoke blackening on rim), EB i. See comment above for same date applies.

Megiddo: stages IV-VII. *SAOC* 10, chart: 20A (red wash). Stages IV-VII (?-ca. 3000). EB i and possibly earlier, Wright, PP, 66 and chart.

T. el-Hesi: 268 NE. *TH*, 42, pl. 6: 90 (?) (lt brown, dull red surface, half burnished), 1600, conjectured. Albright, probably EB, *BAS* 17: 7 f.

**1086** ET-Tell (Ai): necropolis. *Syria* 16, pl. 58: 18 (apparently rim painted red), ca. 3000-2500, comp. Wright dates EB i, especially ia, PP, 61 and chart.

Jericho: R. 180, level 7.00 m. *LAA* 22, pl. 42: 23 (lt brick ware, slip smoothed outside), Chalcolithic. T. 351. *Ibid.*, pl. 34: 29, late EB ii. Early EB iv, Wright, PP, chart. R. 374, layer VI. *LAA* 23, pl. 36: 9, EB i. EB ia, Wright, PP, 66 and chart.

Megiddo: stages IV-VII. *SAOC* 10, fig. 6: 20A bottom. Stages IV-VII (?-ca. 3000). EB i and possibly earlier, Wright, PP, 66 and chart.

**1091** Jericho: R. 180, level 7.00 m. *LAA* 22, pl. 42: 24 (gray brown ware; lacks holes), Chalcolithic; same locus considered lower EB, pl. 38: 23.

**1094** Beth-shan: level 17. *MJ* 24, pl. 2: 12(?) (somewhat similar), 4th millennium, comp. Upper Chalcolithic, Wright, PP, chart.

Et-Tell (Ai): necropolis. *Syria* 16, pl. 57: row 9, no. 2, ca. 3000-2500, comp. Wright dates EB i, especially ia, PP, 61 and chart.

Gezer: crematorium. PP, chart, A-IIb' (base more rounded. See also *BAS* 63: 16), EB i.

Jericho. ? J, fig. 70: B, 7b (somewhat similar), Vorisraelitisch.

**1098** Et-Tell (Ai): necropolis. *Syria* 16, pls. 58: 25 (shape slightly different) 57: row 7, no. 1, ca. 3000-2500, comp. Wright dates EB i, especially ia, PP, 61 and chart.

**1101** Et-Tell (Ai): necropolis. *Syria*, pls. 58: 22, 57: row 9, no. 5, ca. 3000-2500, comp. Wright dates EB i, especially ia, PP, 61 and chart. PP, chart, A-IIc (see also *BAS* 63: 16; the example on chart, B-IIc, has no handle), EB i.

Jericho: R. 161, level 9.11 m. *LAA* 22, pl. 39: 10 (also burnished), EB i. Synchronization with chart, *LAA* 23, pl. 28, indicates layer VI, so EB ia, Wright, PP, 60 and chart. R. 302, layer III. *LAA* 23, pl. 37: 10 (dark gray ware, slip-smoothed, dully burnished), EB ii. Early EB iii, Wright, PP, chart.

Râs el 'Ain: reservoir. *QDAP* 5: 114, 120, figs. 9, 11, and pl. 64: 9, EB ii-iii, comp. Ca. 3000-2700, Wright, PP, 62.

**1102** Beth-shan level 14. *MJ* 24: 13, pl. 5: 21, perhaps 3000-2800, comp. EB ib, Wright, PP, 66 and chart.

Megiddo: T. 903 Lower. *MT*, pl. 3: 9 (Napels yellow 2, lt red 2 wash). Stages IV-VII (?-ca. 3000). EB i and possibly slightly earlier, Wright, PP, 66 and chart. T. 910 B Fill and G. Fill. *MT*, pl. 4: 14 (lt red 1 wash, spaced irregular burnishing; wheel made), 31 (lt red 1 wash outside and over rim, spaced irregular burnishing). Same date and comment. ? PP, chart, A-IIa' (see also *BAS* 63: 16), EB i.

**1103** Megiddo: T. 910 A Rock. *MT*, pl. 4: 1. Stages IV-VII (?-3000). EB i and possibly slightly earlier, Wright, PP, 66 and chart.

**1104** Et-Tell (Ai): necropolis. *Syria* 16, pls. 58: 21 (body line convex), 57: row 8, no. 2, ca. 3000-2500, comp. Wright dates EB i, especially ia, PP, 61 and chart.

**1106** Jericho: T. A. *LAA* 19, pl. 3: 2 (lt red ware with lt red slip), MB i (2000-1800), comp., EB ii, *LAA* 22: 147. Late EB iii, Wright, PP, 75 and chart. R. 152, level 9.57 m. *LAA* 22, pl. 37: 16 (brown ware, wet smoothed inside, red slip-smoothed and burnished horizontally outside and over rim), EB i. Synchronization with chart, *LAA* 23, pl. 28, indicates layer VII-VI, so EB ia, Wright, PP, 60 and chart. R. 346, layer V. *LAA* 23, pl. 38: 22, EB ii. EB ib, Wright, 66 and chart.

**1107** Jericho: R. 188, level 7.50 m. *LAA* 22, pl. 40: 32 (lt brick ware, red slip-smoothed inside and outside; smaller), Chalcolithic.

Megiddo: T. 1128. *MT*, pls. 5: 12 (burnished horizontally; smaller), stage IV (ca. 3000). EB ib, Wright, PP, 66 f., and chart. Same, *SAOC* 10, fig. 7: B (same as above). Same date, same comment.

**1108** Megiddo: str. XVI-XVII. *SAOC* 17, pl. 10: 31 (buff, rough finish, traces of burning on lip, handmade; probably used as a lamp), chart, 14, 2500-1950, comp. Between ca. 2800 and ca. 2500, Albright, *AJA* 44: 547.

**1110** Megiddo: str. XV. *SAOC* 17, pl. 10: 21, chart, 23 (coarse greenish buff ware, lightly baked; rim less flaring), 1950-1850, comp.

Et-Tell (Ai): necropolis. *Syria* 16, pl. 58: 43, ca. 3000-2500, comp. Mainly EB ia, Wright, PP, 61 and chart.

**1111** Jericho: T. A. *LAA* 19, pl. 4: 9 (lt red with gray core), MB i (2000-1800), comp., EB ii, *LAA* 22: 147. Late EB iii, Wright, PP, 75 and chart. T. 351. *LAA* 22, pl. 34: 23 (lt brick ware, gritty, wheel made, blackened rim), late EB ii. Early EB iv, Wright, PP, chart.

**1112** Beth-shan: level 12. *MJ* 24, pl. 8: 18 (smaller), perhaps 2300-2000, comp. Early EB iii, Wright, PP, chart.

Jericho: R. 425, layer VIII. *LAA* 23, pl. 33: 5 (lt brown ware), late Neolithic. Middle Chalcolithic, Wright, PP, chart. R. 393, layer VII. *LAA* 23, pl. 36: 19, EB i. EB ia, Wright, PP, 60 and chart.

Megiddo: stage IV. *SAOC* 10, chart: 6B, stage IV (EB i).

**1113** Jericho: R. 185, level 7.09 m. *LAA* 22, pl. 39: 16 (?) (sides less flaring; very gritty brick ware, slip-smoothed; has incised marks), Chalcolithic.

**1115** Jericho: T. 351. *LAA* 22, pl. 34: 32 (lt brick ware, coarse grit, wet-smoothed, wheel finished), late EB ii. Early EB iv, Wright, PP, chart. T. A. *LAA* 19, pl. 4: 17, last phase of EB. EB ii, *LAA* 22: 147. Late EB iii, Wright, PP, 75 and chart.

Megiddo: T. 903 Upper. *MT*, pl. 3: 5 (permanent brown 3 core, indian red 2 wash, close horizontal burnishing outside and over vim), stages IV-VII (?-ca. 3000). EB i and possibly slightly earlier, Wright, PP, 66 and chart.

**1116** Et-Tell (Ai): necropolis. *Syria* 16, pls. 58: 15 (design of painted interior different), 57: row 7, no. 5, ca. 3000-2500, comp. Wright dates EB i, especially ia, PP, 61 and chart.

Gezer: crematorium. PP, chart, A-IId (shape more angular. See also *BAS*, 63: 16), EB i.

Jericho: R. 180, level 7.00 m. *LAA* 22, pl. 38: 23 (interior of base also decorated), EB i; same locus considered Chalcolithic, pl. 42: 24. R. 177, level 8.59 m. *Ibid.*, pl. 36: 18 (as drawn, fragment more flaring), EB i. Synchronization with chart, *LAA* 23, pl. 28, indicates layer VII,

so EB ia, Wright, *PP*, 60 and chart. R. 721, layer VII. *LAA* 23, pl. 34: 4, EB i. EB ia, Wright, *PP*, 60 and chart.

1117 Jericho: T. A. *LAA* 19, pl. 4: 10 (brown brittle clay, blackish inside), MB i (2000-1800), comp.; EB ii, *LAA* 22: 147. Late EB iii, Wright, *PP*, 75 and chart.

Megiddo: str. XIX, XX. *SAOC* 17, chart, 23, chart 12 (more angular shapes), ?-3000.

#### PLATE 52

1118 Megiddo: T. 903 Lower. *MT*, pl. 3: 33 (?) (lt red wash 2 outside and over rim; nothing attached to rim), stages IV-VIII (?-ca. 3000). EB i and possibly slightly earlier, Wright, *PP*, 66 and chart. Stages IV-VII. *SAOC* 10, chart, 13A (same as above). Same date and same comment.

T. eš-Şāfi: ? *EP*, 79, pl. 25: 7 (?) (slightly different and smaller), ?-1500, comp.

1119 Beth-shan: level 12. *MJ* 24, pl. 8: 12, perhaps 2300-2000, comp. Early EB iii, Wright, *PP* chart. Level 13. *Ibid.*, 14, pl. 5: 19 (apparently wider and with line of red slip on inner rim), perhaps 2500, comp. EB ii, Wright, *PP*, chart.

Et-Tell (Ai): necropolis. *Syria*, 16, pl. 58: 19, 57: row 7, no. 4, ca. 3000-2500, comp. Wright dates EB i, especially ia, *PP*, 61 and chart. *Syria*, 16, pl. 56: 8, 55: row 2, no. 3., 3d millennium, alabaster bowls, comp. Wright dates Later Sanctuary early EB iii, ca. 2700-2400, *PP*, chart.

Jericho: R. 188, level 7.19 m. *LAA* 22, pl. 39: 19 (?) (rim has less incurve), Chalcolithic. R. 180, level 7.00 m. *Ibid.*, pl. 38: 24 (brown ware, very gritty, red slip smoothed inside and outside), EB i. Considered Chalcolithic, pl. 42: 22-24, etc. R. 320, layer IV. *LAA* 23, pl. 39: 5 (reddish-brown ware; has four drilled holes), EB ii. EB ii, Wright, *PP*, chart.

1120 Jericho: tower area, burial 1. *LAA* 21, pl. 17: 13 (buff ware: lt yellow slip), MB ii (1800-1500), comp.

1122 Et-Tell (Ai): necropolis. *Syria* 16, pls. 58: 12, 57: row 4, no. 7 (two bowls of slightly different shape and decoration), ca. 3000-2500, comp. Wright dates EB i, especially ia, *PP*, 61 and chart.

Jericho: R. 140, level 9.67 m. *LAA* 22, pl. 37: 13 (brick ware, creamy slip, decorated with red painted lines), EB i. Same. *PP*, chart, A-IX, EB i. R. 421, layer VII. *LAA* 23, pl. 35: 17, EB i. EB ia, Wright, *PP*, 66 and chart.

1124 'Affūleh: foundation pit for water tower. *PEQ* 1936: 152, pl. 1: 7, late Chalcolithic, comp.

Beth-shan: level 15. *MJ* 24: 11, pl. 5: 28 (rim not incurving, buff with lt red slip outside), perhaps 3000, comp. EB ia, Wright, *PP*, 66 and chart.

Megiddo: stages IV-VII. *SAOC* 10: 19, fig. 6: 18, chart, 18, ?-3000. EB i and possibly slightly earlier, Wright, *PP*, 66 and chart.

1128 Megiddo: T. 910 G Fill. *MT*, pl. 4: 35 (spaced irregular burnishing). Stages III-IV (ca. 3000-2500). EB ib through early EB ii, Wright, *PP*, chart. Stages III-IV. *SAOC* 10, chart: 21B (red high polish). Same date and same comment.

1129 Megiddo: str. XII. *SAOC* 17, chart, 30 (some-what similar vessels from str. XIII-XV of MB i), 1750-1700, comp. Str. XV. *Ibid.*, chart, 18 (some bowls of str. XII-XV quite similar. Type seems to fall within 1950-1700 according to Megiddo), 1950-1850.

#### WHEEL MADE BOWLS

1131 Beth-shan: level 13. *MJ* 24: 14, pl. 5: 15 (pattern burnished outside, only one handle found), perhaps 2500, comp. Wright, EB ii, *PP*, chart.

1134 Jericho: R. 328, layer V. *LAA* 23, pl. 37: 14 (shape slightly different), EB ii. Wright, EB ib, *PP*, chart and p. 66. R. 153, level 9.17 m. *LAA* 22, pl. 38: 14 (shape slightly different), B ii. Synchronization with chart, *LAA* 23, pl. 28, indicates layer VI, so EB ia, Wright, *PP*, 60 and chart.

1135 Beth-shan: level 13. *MJ* 24: 14, pl. 5: 22, perhaps 2500, comp. See note on S 1131.

1136 Beth-shan: level 13. *MJ* 24: 14, pl. 5: 17, perhaps 2500, comp. See note on S 1131.

T. el-'Ajjūl: LN940 = 1000. *TA* III, pl. 31: 22V (?), XV dyn., scarabs, comp. Synchronization of opinions suggests late 16th and early 15th cent., *AS* V: 105, note 19 and *AJS* 55: 352, 353, 359.

1138 Beth-shan: level 11. *MJ* 24: 17, pl. 8: 22, perhaps 2000, comp. Wright, late EB iii, *PP*, chart.

Jericho: R. 131, level 10.13 m. *LAA* 22, pl. 37: 9 (lt brick ware, gritty, cream slip), EB i. See note for second entry under S 1134.

1139 Beth-shan: E. of Temple area, late Ramesside level. *B-S* 2: 39, pl. 50: 12 (buff ware with traces of red wash on rim), ca. 1000-300, comp. Albright, mostly 12th and 11th cent., *AAS* 12: 38, 39.

Megiddo: str. XIV. *SAOC* 17, chart, 27 (?), p. 31 § 108, 1850-1800, comp.

1140 Jericho: R. 109, level 11.53 m. *LAA* 22, pl. 28: 38, late EB ii. Chart, *LAA* 23, pl. 28, indicates layer III, so early EB iii, Wright, *PP*, chart. ? *J*, fig. 86: e, 10 right, Kanaanitisch.

1141 Beth-shan: level 12. *MJ* 24, pl. 8: 23 (pattern burnished inside. Bowl 1143 also similar shape), p. 16 f., perhaps 2300-2000, comp. Wright, early EB iii, *PP*, chart.

Jericho: R. 109, level 11.53 m. *LAA* 22, pl. 28: 34 (also painted stripes at intervals across top of rim), late EB ii. See note on S 1140.

1143 Beth-zur: ? *BZ*, pl. 5: 14 (?), ca. 1700-1550, scarab imp., comp.

Megiddo: T. 912D. *MT*, pl. 35: 15 (?), MB ii (1800-1600).

T. Beit Mirsim: str. C. *AAS* 12: 50, pl. 21: 44 (?), ca. 1520-1230, scarabs, comp.

T. ej-Judeideh: ? *EP*, 106, pl. 55: 2 (?) (burnished), 750-ca. 350, seal imp., comp.

T. Jemneh: Es190. *Gerar*, pl. 50: 21x, ca. 930, amulets, comp. Albright, 9th cent., *AAS* 12: 79. *CPP*, 21X, XXI dyn. Same comment.

1144 'Athlīt: ? *QDAP* 2: 51, fig. 4: *J* bottom, ca. 500-300, coins, comp.

T. Sandahannah: ? *EP*, 128 f., pl. 61: 24 (?), ca. 350?, coins, comp.

1145 'Ain Shems: R. 335 (1933), str. IIb. *AS* IV, pl. 64: 12 (?) (rim fragment and handle; rich brown ware, few grits, red slip and irregular horizontal burnishing inside and outside), ca. 950-825, comp.

Megiddo: Rs. 6, 7, str. III. *OIC* 4: 69, fig. 45: 33 (?), 800-600, comp. Later considered to be from str. V, *M* I, 3, note, ca. 1050-1000. Albright dates str. V, ca. 1050-950, *AJA* 44: 548.

T. Beit Mirsim: str. A. *AAS* 12: 85 f., pl. 60: 8 (?) (four handled, ring burnished), ca. 800-600, seal imp., inscriptions, comp.

1146 'Athlīt: ? *QDAP* 2: 51, fig. 4: *j* top (?), ca. 500-300, coins, comp.

## PLATE 53

1153 'Ain Shems: R. 406 (1933), str. IV. *AS* 4, pl. 59: 16 (?), ca. 1500-1200, scarabs, comp.

1154. 'Ain Shems: T. 2 (T. 12 of later records). *BS*, p. 147: below 358 (?), LB, ca. 1400, comp., scarabs not studied. *Ca.* 1650-1550, *AS* V: 31 f., 108 f. R. 406, III. *AS* III: 59, pl. 23: 4.2 (?), ca. 1200-900, comp. *Ca.* 1200-1000, *AS* V: 130 and 5.

Samaria: S9-940. *S* I: 281, fig. 156: 21a (?) (brown or red ware, red wash, pebble-burnishing inside and over rim), 900-700, comp. T. Beit Mirsim: str. C (?) or B (?). *AAS* 12: 38, pl. 47: 7 (?) (base not quite flat and ware thicker), ca. 1520-920, scarabs, comp. Str. D. *Ibid.*, pl. 45: 9 (?), ca. 1700-1560, scarabs, comp.

T. el-'Ajjûl: AQ750 = 1050. *TA* III, pl. 31: 23E8 (?), XVI dyn., scarabs, comp. Synchronization suggests ca. 15th-14th cent., *AS* V: 105, note 19, and *AJS* 55: 354, 359.

T. el-Fâr'ah: T. 229. *TF* I: 13, pl. 39: 23K2, XXI or XXII dyn. (text implies XXI dyn., Solomonic, plate reads XXII). Of tomb series dated between 11th and 9th cent., *AS* V: 133. Ts. 229, 117. *CPP*, 23K4, XX dyn. Same comment. T. 552. *CPP*, 28X2, XIX dyn. Albright and Starkey, T. 552 of 12th cent., *AJA* 36: 300, *TF* II: 31.

T. Jemmeh: EU190. *Gerar*, pl. 50: 24y, ca. 1000, amulets, comp. Albright, 9th cent., *AAS* 12: 79. *CPP*, 24Y, XXII dyn. Same comment. JC180. *Gerar*, 21, pl. 51: 27b (part of foundation deposit), ca. 1350, comp. Albright, ca. 11th cent., *AAS* 12: 79. *CPP*, 27H, XVIII dyn. Same comment.

1155 'Ain Shems: C14. *AS* II: 46, pl. 32: 74. Ci 14, ca. 1200-1000, *AS* V: 41 f. N. of B. H. *AS* II, 48, pl. 33: 4. R. 406, III. *AS* III: 59, pl. 23: 4, ca. 1200-900, comp. *Ca.* 1200-1000, *AS* V: 130. R. 452 (1933), str. III. *AS* IV, pl. 62: 7 (attempt at horizontal burnishing on both surfaces), ca. 1000-1200, comp. Ci 14, area S28 (1929), str. III. *Ibid.*, pl. 60: 12 (outline less wavy; grayish brown ware, band of reddish brown paint on rim inside), same date. R. 479 (1933), str. IV. *Ibid.*, pl. 31: 33 (?) (lt brown ware, gray core), ca. 1500-1200, scarabs, comp. R. 480, str. IVb. *Ibid.*, pl. 29: 8; *AS* V: 122, ca. 1425-1200. Ci 18, str. IV. *AS* IV, pl. 58: 10; *AS* V: 123, ca. 1425-1200.

Beth-shan: R. 1073 (debris under Seti I Temple), Amenophis III level. *B-S* II, ii: 5, 19, pl. 41: 5 (drab ware, smaller), 1411-1375, inscriptions, scarabs, comp. Albright, 13th cent., *AAS* 17: 76 f.

Beth-zur: N. of Fort. *BZ*, pl. 8: 28, ca. 1200-1050, scarab, comp.

Samaria: at the Basilica. *S* I: 284, fig. 161: 18 (fine drab ware, red wash, usually pebble burnished), 900-700, comp.

T. Beit Mirsim: Si 6. *AAS* 12: 66, pl. 30: 35 (?), ca. 1150-920, comp.

T. Jemmeh: HA185. *Gerar*, 21, pl. 50: 23X (drab), ca. 1200, scarab, comp. Albright, 10th cent., *AAS* 12: 79. *CPP*, 23X, XX dyn. Same comment. HQ180. *Gerar*, pl. 50: 23k, ca. 1350. Albright, perhaps ca. 11th cent., *AAS* 12: 79. *CPP*, 23K1, XIX dyn. Same comment.

1156 'Ain Shems: T28 channel E. end. *AS* II: 42, pl. 31: 29, ?

1157 T. el-'Ajjûl: T. 411. *TA* I, pl. 39: 23E4 (?) ?

T. el-Fâr'ah: T. 550. *CPP*, 23E3 (?), XV dyn.

T. Jemmeh: BX197. *Gerar*, 21, pl. 50: 25p (hard lt red, four burnt ocher bands inside, fine quality), ca. 700, comp. Albright, late 7th cent., *AAS* 12: 79. *CPP*, 25P, XXV dyn.

1159 Jericho. ? *J*, pl. 36: A, 53 (?), Jüdisch.

1160 'Ain Shems: III 71. *AS* II: 27, pl. 33: 24 (?),

ca. 1200-900, comp. R. 316, II. *AS* III: 79, pl. 24: 2.4 (?), ca. 900-600, comp. *Ca.* 1000-950, *AS* V: 15, 134.

T. Jemmeh: JB166, JA158. *Gerar*, 21, pl. 50: 23c (brown, slightly pebbled), considered prior to 2000. Albright, chronology not reliable, *APB*, 187, note 81. *CPP*, 23C1, XV dyn. Same comment.

1161 'Ain Shems: R. 331, II. *AS* III: 74, pl. 22: 1.5 (pink, darker surfaces, pair incised lines under rim, 2 knobs), ca. 900-600, comp.

Megiddo: str. V. *M* I, pls. 30: 113 (yellow, many lt grits, dark red wash inside and over rim, wheel and hand burnished over wash; larger), 61: 113, 1060-1000. Albright, ca. 1050-950, *AJA* 44: 548.

1163 Megiddo: str. X. *SAOC* 17, chart, 36 (green-buff; numerous and considered a good criterion for the stratum), pp. 17, 21, 1650-1550, comp.

T. el-Fâr'ah: T. 569. *CPP*, 23K25 (?), XVI dyn.

T. el-Hesî: 311; (Pilaster bldg.); 295 N. *TH*, 46, pl. 8. 127, 950, comp. (From location difficult to synchronize with Bliss' findings.)

1164 Jericho: T. 5, layer g. *LAA* 20, pl. 23: 7 (brick ware; walls more flaring), 1600-1500, scarabs, comp.

Megiddo: str. XI. *SAOC* 17, pl. 7: 8 (fine buff to pink-buff ware), chart, 32, 1700-1650, comp.

T. el-'Ajjûl: Ts. 423, 429. *TA* I, pl. 39: 23K24'' (?), ?

T. el-Fâr'ah: T. 569 (also EP 34-12). *CPP*, 23K17, XVI dyn. Ts. 559, 739. *CPP*, 23K19, XVI dyn.

1166 Megiddo: str. XI. *SAOC* 17, pl. 7: 13 (fine buff ware, cream slip), chart, 18, 1700-1650, comp. Str. XII. *Ibid.*, pl. 8: 16 (fine well fired cream ware, spaced horizontal wheel burnishing outside), chart, 24, 1750-1700, comp.

1168 Jericho: R. 195, level 6.77 m. *LAA* 22, pl. 45: 6 (brown ware, red slip-smoothed, burnished irregularly), late Neolithic (Chalcolithic).

1169 Megiddo: str. III. *M* I, pls. 24: 50 (fine burnt umber ware, blue-black core, well made), 58: 50, 780-650. Albright, 733-ca. 670 (?), *AJA* 44: 549.

1170 Megiddo: Grace A. *TM* I, fig. 246: d (?), dated Early Iron by Engberg (see *OIP* 26, legend, pl. 41: L).

1172 Megiddo: str. III. *M* I, pls. 24: 51 (brown ocher, blue-black core, lt red wash inside and over rim to shoulder, close wheel burnishing), 59: 51, 780-650. Albright, 733-ca. 670 (?), *AJA* 44: 549.

1173 'Ain Shems: T. 1. *APEF* 2, pl. 22: 1 (?), ca. 1300-950, comp., scarabs and amulets not studied. Late 10th and early 9th cent., *AS* V: 136.

T. Jemmeh: Ek186. *Gerar*, pl. 50: 21p, ca. 1150, comp. Albright, 10th cent., *AAS* 12: 79. *CPP*, 21P. ? Same comment.

1174 'Ain Shems: T. 1. *APEF* 2, pl. 22: 23 (?), ca. 1300-950, comp., scarabs and amulets not studied. See note on S 1173.

Ed-Dāheriyeh: tomb. *QDAP* 4, pls. 61: row 2, no. 3 (apparently irregularly burnished horizontally inside and outside), 62: row 2, no. 7, ca. 1000, comp. Probably 9th cent., *AS* V: 137.

Megiddo: str. IV-II. *M* I, pls. 25: 59 (yellow, brown ocher wash inside and on rim, wheel burnished), 59: 59, 1000-600. Albright, ca. 950-609 (?), *AJA* 44: 549.

T. Jemmeh: EM190. *Gerar*, 21, pl. 49: 13k (red pebbled), ca. 1000, amulets, comp. Albright, ca. 900, *AAS* 12: 79. *CPP*, 13K, XXII dyn. Same comment.

1175 'Ain Shems: T. 1. *APEF* 2, pl. 22: 4 (?), ca. 1300-950, comp., scarabs and amulets not studied. See note on S 1173.

Jericho. ? *J*, pl. 37: A, 54d (?), Jüdisch.



Megiddo: str. IV-II. *M I*, pls. 24: 53 (lt red wash inside and over rim, wheel burnished), 59: 53, 1000-600. Albright, *ca.* 950-609 (?), *AJA* 44: 549.

T. Beit Mirsim: str. A. *AAS* 12: 85 f., pl. 67: 9, *ca.* 800-600, seal imp., inscriptions, comp.

T. Jemmeh: CW192. *Gerar*, 21, pl. 49: 16u (red pebbled), *ca.* 900, comp. Albright, 7th cent., *AAS* 12: 79. *CPP*, 16U, XXII dyn. Same comment. HV185. *Gerar*, pl. 49: 12w, *ca.* 1200, scarab, comp. Albright, 10th cent., *AAS* 12: 79. *CPP*, 12W2, XX dyn. Same comment.

1176 'Ain Shems: T. 4. *APEF* 2, pl. 39B: 1, 3 (?), *ca.* 950-700, comp., scarabs not studied. 7th or early 6th cent., *AS V*: 136. Repository of T. 7. *APEF* 2, 81, pl. 46: 5, *ca.* 950-700, comp. Same comment. Repository of T. 8. *Ibid.*, pl. 54: 10 (?), *ca.* 850-700, comp., inscription. Same comment. T. 8. *Ibid.*, 88, pl. 56: 9 (?), *ca.* 850-700, comp., inscribed seal. Same comment. R. 316, II. *AS* III: 79, pl. 24: 2.2 (?), *ca.* 900-600, comp. Str. IIa, *ca.* 1000-950, *AS V*: 15.

Megiddo: T. 39. *MT*, pl. 68: 14, EI i (1200-1100). Str. IV-II. *M I* pls. 24: 54 (green brown, light red wash inside and to shoulder outside), 59: 54, 1000-600. Albright, *ca.* 950-609 (?), *AJA* 44: 549. Str. IV (filling), *M I*, pls. 26: 78 (dark brown ocher, blue black core), 59: 78, 1000-800. Albright, *ca.* 950-733, *AJA* 44: 549. Str. V. *M I*, pls. 31: 142, 62: 142, 1060-1000. Albright, *ca.* 1050-950, *AJA* 44: 549.

T. Beit Mirsim: str. A. *AAS* 12: 85 f., pl. 67: 16, *ca.* 800-600, seal imp., inscriptions, comp.

T. Jemmeh: EM190. *Gerar*, 21, pl. 49: 13b (red faced, pebbled), *ca.* 1000, amulets, comp. Albright, 9th cent., *AAS* 12: 79. *CPP*, 13H, XXI dyn. Same comment.

1177 'Ain Shems: repository of T. 2. *APEF* 2, pl. 33: 8 (?), *ca.* 1000-850, comp., scarabs not studied. 8th cent. and slightly earlier, *AS V*: 136. T. 1. *APEF* 1, fig. 15: 13 (?), material considered mostly LB ii. Late 10th and early 9th cent., *AS V*: 136. ? *BS*, p. 209: 58 (?), p. 208, ?

Beth-shan: E. of Temple area, Rameses II level. *B-S* II, ii: 12, 32, pl. 47: 5 (lt brown ware, black in section, covered with red slip highly burnished), 1292-1000, inscriptions, scarabs, comp. Albright, 12th to 10th cent., *AAS* 17: 76 f.

Beth-zur: ? *BZ*, pl. 9: 27 (rim fragment), *ca.* 900-600, seal imp., comp.

Ed-Dāheriyeh: tomb. *QDAP* 4, pl. 62: row 2, no. 1 (?), *ca.* 1000-?, comp. Probably 9th cent., *AS V*: 137.

T. Abū Hawam: str. III. *QDAP* 4, fig. 9 (fine reddish buff ware with burnished dark red or creamy yellow slip. A characteristic shape), p. 7, pl. 13: 68, *ca.* 1100-925, comp.

T. el-'Ajjūl: T. 424. *TA I*, pl. 37: 16A, ?

T. el-Fūl: II Fortr. *AAS* 4: 12, pl. 26, fig. 5a, *ca.* 1050-1000, comp. \*L 11th-E 10th cent.

T. Jemmeh: EF 189. *Gerar*, 21, pl. 49: 16p (red pebbled), *ca.* 1000, amulets, comp. Albright, 9th cent., *AAS* 12: 79. *CPP*, 16P, XXI dyn. Same comment. JA 181. *Gerar*, 21, pl. 50: 21l (black bands inside), *ca.* 1350, comp. Albright, *ca.* 11th cent., *AAS* 12: 79. *CPP*, 21L, XIX dyn. Same comment.

1179 'Ain Shems: R. 395, II. *AS* III: 63, pl. 24: 6.9 (?), (lt brown), *ca.* 900-600, comp. R. 317, II. *Ibid.*, 78, pls. 25: 2.4, 29: 1.1 (?), *ca.* 900-600 (EI pottery found in this room also), comp.

T. el-'Ajjūl: F981. *TA I*, pl. 39: 22V(?). ?

T. el-Fārāh: T. 975. *TF* II, pl. 83: 13H2 (?), XX dyn. Of series dated 13th and early 12th cent., *AS V*: 111.

1180 T. el-Fārāh: T. 201. *TF* I, pl. 40: 12R (?), *ca.*

950-750, scarabs, Hathor figures, comp. Of a series dated between 11th and 9th cent., *AS V*: 133. T. 201, T. 552. *CPP*, 12R4, XIX dyn. Same comment but T. 552 also 12th cent., Albright, *AJA* 36: 300.

T. Jemmeh: HJ180. *Gerar*, 21, pl. 49: 12e (?), *ca.* 1350, comp. Albright, possibly *ca.* 11th cent., *AAS* 12: 79. *CPP*, 12E (?), XIX dyn. Same comment.

1181 Beth-shan: R. 1048, late Seti I level. *B-S* II, ii: 31, pl. 46: 19, *ca.* 1250-1150, seal, comp. Albright, mainly 12th cent., *AAS* 17: 76 f.

1182 Beth-zur: ? *BZ*, pl. 7: 6, *ca.* 1200-1050, scarab, comp.

T. Jemmeh: AG200. *Gerar*, pl. 48: 2p, *ca.* 600, comp. Albright, *ca.* 6th cent., *AAS* 12: 79. *CPP*, 2P, XXVI dyn. Same comment.

1185 Ed-Dāheriyeh: tomb. *QDAP* 4, pl. 61: row 3, no. 7, *ca.* 1000, comp. Probably 9th cent., *AS V*: 137.

1186 'Ain Shems: T. 3 (T. 13 of later records). *BS*, p. 125: below 788 (?), MB, *ca.* 1900, comp., amethyst bead of XII dyn., scarabs not thoroughly studied. 17th cent., *AS V*: 31, 107. Level II. *BS*, p. 213: aboe 258 (?), *ca.* 900-700 or 600, comp., seal from Temple not studied.

Beth-shan: summit and W. slope. *B-S* III, pl. 33: 22 (rim and base slightly different), ?

T. Beit Mirsim: str. A. *AAS* 12: 85 f., pl. 65: 15 (?), *ca.* 800-600, seal imp., inscriptions, comp.

T. Jemmeh: BX197. *Gerar*, pl. 49: 15g, *ca.* 700, comp. Albright, *ca.* 600, *AAS* 12: 79. *CPP*, 15G, XXV dyn. Same comment.

1187 'Ain Shems: V, Rock between III 31 and IV 55. *AS* II: 44, pl. 32: 20 (lt brown; slip-smoothed), ? III N. *Ibid.*, 20, pl. 50: 39 (?), *ca.* 1200-900, comp. Possibly *ca.* 1000-950, *AS V*: 15.

Megiddo: str. III. *M I*, pl. 24: 52, 780-650. Albright, 733-*ca.* 670 (?), *AJA* 44: 549.

T. Beit Mirsim: str. A. *AAS* 12: 85 f., pls. 67: 10 (?), 65: 13 (?) (plain surface), *ca.* 800-600, seal imp., inscriptions, comp.

1188 'Ain Shems: T. 3 (T. 13 of later records). *BS*, p. 125: 788 (?), p. 135, MB, *ca.* 1900, comp., amethyst bead of XII dyn., scarabs not thoroughly studied. See note on S 1186. Outside and against city wall. *Ibid.*, p. 209: 26 (handmade), pp. 25, 208, *ca.* 1100, comp.

T. Beit Mirsim: str. A. *AAS* 12: 85 f., pl. 65: 18, *ca.* 800-600, seal imp., inscriptions, comp.

T. Jemmeh: EF 190. *Gerar*, 21, pl. 49: 15c (rough brown), *ca.* 1000, amulets, comp. Albright, 9th cent., *AAS* 12: 79. *CPP*, 15C, XXI dyn. Same comment.

1189 T. Jemmeh: ? *Gerar*, pl. 50: 23o, ? *CPP*, 23O, ?

1191 T. el-Fārāh: T. 587. *CPP*, 23J8, XVI dyn.

#### PLATE 54

1192 'Ain Shems: T. 1. *APEF* 2, pl. 22: 2 (?), *ca.* 1300-950, comp., scarabs and amulets not studied. Late 10th and early 9th cent., *AS V*: 136. U27, R. 97. *AS* II: 17, pl. 31: 21 (brown, rudely carinated, red slip (inside) and over rim, burnished (inside), *ca.* 900-600, comp. See next. R. 97, U27 (1929), str. IIb. *AS* IV, pl. 49: 4 (well levigated brown ware, hand burnished red slip on inside and over rim), *ca.* 950-825, comp.

Beth-shan: E. of Temple area, late Ramesside level. *B-S* II, ii: 39, pl. 50: 13 (coarse reddish brown, gray in section), *ca.* 1000-300, comp. Albright, mostly 12th and 11th cent., *AAS* 12: 38, 39.

Beth-zur: ? *BZ*, pl. 5: 3 (?), *ca.* 1700-1550, scarab imp., comp.

Jericho: ? *J*, pl. 38: D, 11 (?), Jüdisch.



Megiddo: T. 4. *MT*, pl. 54: 5 (?) (and three similar), LB i (1600-1400). Str. VIII. *SAOC* 17, chart, 37, 1479-1350, comp. Albright, *ca.* 1467-1300, *AJA* 44: 548.

Samaria: S2 portico, street sub. S I: 281, fig. 156: 21c (brown or red ware, red wash, pebble-burnishing inside and over rim), 900-700, comp.

T. Abū Hawam: above original sand in C, D6, str. V. *QDAP* 4, fig. 291, *ca.* 1400-1230, scarabs, comp.

T. el-Fār'ah: T. 506. *CPP*, 23B3 (?), XXI dyn.

1193 'Ain Shems: R. 413 (1933), str. III. *AS* IV, pl. 62: 6 (reddish-brown ware, gray core, rim painted red both inside and outside), *ca.* 1200-1000, comp.

1194 'Ain Shems: T. 2 (T. 12 of late records). *BS*, p. 147: 351 (?) (more pronounced but smaller ring base), p. 159, LB, *ca.* 1400, comp., scarabs not studied. Mainly *ca.* 1650-1550, *AS* V: 31 f., 108 f., R. 30, IV. *AS* II: 45, pl. 32: 44 (?), LB, comp. Possibly *ca.* 1200-1000, *AS* V: 15.

Megiddo: T. 63F. *MT*, pl. 62: 26. LB ii (1400-1200). T. 38. *MT*, pl. 40: 18 (many lt grits, poorly made, brown ocher 3), LB i (1600-1400). T. 78. *MT*, pl. 42: 21 (brown ocher 3, blue-black 3 core, fairly well made), LB i (1600-1400). T. 1145A. *MT*, pl. 49: 17 (similar to previous note), LB i (1600-1400).

T. Abū Hawam: str. IV and V. *QDAP* 3, pl. 22: 15 base higher), *ca.* 1400-1200 or 1100, comp.

T. el-'Ajjūl: CAX, CAV. *TA* I, pl. 39: 23K23 (?) (shoulder more pronounced), ? TR860. *TA* IV, pl. 48: 23W4 (?), ?

T. el-Fār'ah: T. 936. *TF* II, pl. 83: 23N2 (?), XIX dyn., scarabs. 13th and early 12th cent., *AS* V: 111.

T. Jemmeh: GQ 188. *Gerar*, pl. 51: 26m, *ca.* 1050, comp. Albright, late 10th cent., *AAS* 12: 79. *CPP*, 23K20, XXI dyn. Same comment.

1196 Beth-zur: ? *BZ*, pl. 6: 3 (shape similar, but description not given), *ca.* 1700-1500, scarab imp., comp. Jericho: Sq. I 6. *LAA* 21, pl. 24: 23 (no description), MB ii or LB i.

T. Beit Mirsim: str. F (?). *AAS* 13: 68, pl. 4: 9 (?) (similar form; buff to gray ware, burnished horizontally), *ca.* 1800-1750, comp.

T. el-'Ajjūl: Pit ML 990. *TA* II, pl. 28: 23K23 (?), XII dyn. Considered *ca.* period of Palace II, *AS* V: 105, note 19, so 16th-15th cent., Albright, *AJSL* 55: 352, 353, 359.

T. el-Fār'ah. ? *CPP*, 23K7, ?

T. Jemmeh: AFF195. *Gerar*, pl. 51: 26x, *ca.* 800, comp. Albright, late 7th cent., *AAS* 12: 79 f. *CPP*, 26X, XXIII dyn. Same comment.

1198 'Ain Shems: T. 5. *APEF* 2, pl. 41: 4 (?), *ca.* 950-700, comp., scarabs and amulets not studied. 7th or early 6th cent., *AS* V: 136. T. 2 (T. 12 of later records). *BS*, pp. 143: 3 left (?), 149: 191 (?), p. 156, LB, *ca.* 1400, comp., scarabs not studied. Mainly *ca.* 1650-1550, *AS* V: 31 f., 108 f. U27, IV 64. *AS* II: 45, pl. 32: 33, LB, comp. Possibly *ca.* 1200-1000, *AS* V: 15.

1199 Megiddo: str. V. M I, pls. 32: 164 (brown ocher, blue-black core; larger and rim less flaring), 62: 164, 1060-1000. Albright, *ca.* 1050-950, *AJA* 44: 548.

1201 T. Jemmeh: 205 (level). *Gerar*, pl. 48: 3x, *ca.* 450, comp. Possibly late 6th or early 5th cent., *AAS* 12: 79. *CPP*, 3X, XXVII dyn. Same comment.

1202 'Ain Shems: R. 341 (1933), str. II. *AS* IV, pl. 63: 27 (red slip), *ca.* 950-586, seals, comp.

T. Beit Mirsim: str. A. *AAS* 12: 85 f., pl. 67: 3 (?) (not from regular stratification so not reliable), *ca.* 800-600, seal imp., inscriptions, comp.

T. Jemmeh: WB 192. *Gerar*, pl. 62: bottom middle, *ca.* 900. Albright, possibly late 7th cent., *AAS* 12: 79.

1203 T. el-Fār'ah: T. 903. *TF* I, pl. 16: right near top, late XVIII dyn. Of a series dated in the 13th and early 12th cent., *AS* V: 111.

1204 T. Jemmeh: GV186. *Gerar*, pl. 49: 13d, *ca.* 1150, comp. Albright, 10th cent., *AAS* 12: 79. *CPP*, 13D, XX dyn. Same comment.

1205 Megiddo: T. 39. *MT*, pl. 164: 13 (permanent brown 3, lt red wash), EI i (1200-1100).

T. Jemmeh: DH 193. *Gerar*, pl. 49: 13t, *ca.* 900, comp. Albright, 7th cent., *AAS* 12: 79. *CPP*, 13T, XXIII dyn. Same comment.

1206 T. el-Fūl: II Fortr. *AAS* 4: 12, pl. 26: 1, \*I. 11th-E 10th cent.

1208 'Ain Shems: T. 2. *APEF* 2: 68, pl. 37: 9 (?), *ca.* 950-700, comp., scarabs not studied. 7th or early 6th cent., *AS* V: 136.

1209 Megiddo: T. 911 A1. *MT*, pl. 28: 27, MB ii (1800-1600). T. 911 D. *MT*, pl. 31: 15 (many mixed grits, brown ocher 3, lt red 2 wash over rim, close horizontal burnishing outside), same date. T. 912 B. *MT*, pl. 35: 13 (many lt grits, permanent brown 3 core, brown ocher 2 inside, indian red 3 wash outside and over rim, spaced vertical burnishing), same date.

(Some bowls from Rās el-'Ain approximate the shape of this type but vary in details. They are MB. *QDAP* 6, pl. 29.)

1210 T. Jemmeh: EU 190. *Gerar*, 21, pl. 50: 22e (red pebbled), *ca.* 1000, amulets, comp. Albright, 9th cent., *AAS* 12: 79. *CPP*, 22E, XXII dyn. Same comment.

1211 T. el-Fār'ah: Ts. 542, 552, 902. *CPP*, 12V3 (?), XVIII and XIX dyn. (Albright and Starkey, Ts. 542, 552 of 12th cent., and Albright says T. 902 of 13th cent., *AJA* 36: 300, *AA* 12: 42, *TF* II: 31.)

T. el-Hesī: 315p. (Pilaster bldg.). *TH*, pl. 8: 135 (?), 900, comp. Bliss considers this level *ca.* 800, *MMC*, pl. 2.

T. Jemmeh: JB 175 and NET 185 ?. *Gerar*, 21, pl. 49: 12b (?) (drab), 12t (?), *ca.* 1500 and 1200, scarabs, comp. Albright, 185 level in 10th cent. and 175 laid *ca.* LB-EI, *AAS* 12: 42, 79. *CPP*, 12B (?), 12T (?), XVI and XX dyn. Same comment.

1213 'Ain Shems: W. of kiln W. *AS* II: 45, pl. 32: 40 (?), ?

Jericho: Palace storeroom 47. *LAA* 21, pl. 20: 20 (yellowish drab ware, gritty; originally smooth), MB ii (1800-1500), comp.

Megiddo: Vorhof des Tempels. *TM* I, A, fig. 186: b (?), ?

T. Beit Mirsim: str. A. *AAS* 12: 85 f., pl. 67: 6, 13, *ca.* 800-600, seal imp., inscriptions, comp.

T. el-Fār'ah: Ts. 201, 239, 801. *CPP*, 16J3 (?), XX dyn. 201 of a series dated between 11th and 9th cent., *AS* V: 133.

1214 'Ain Shems: R. 412, III. *AS* III: 58, pl. 24: 7.4, *ca.* 1200-900, comp. Strip 8 W. (1933), str. II. *AS* IV, pl. 63: 26 (dark brown ware, ring burnished red slip inside), *ca.* 950-586, seals, comp. See description of 23.

Ed-Dāheriyeh: tomb. *QDAP* 4, pls. 61: row 2, no. 1, 62: row 1, no. 2, *ca.* 1000, comp. Probably 9th cent., *AS* V: 137.

T. el-Fār'ah: T. 812. *CPP*, 16J7 (?), XIX dyn.

1215 'Ain Shems: T. 8. *APEF* 2: 88, pl. 56: 7 (?), *ca.* 850-700, comp., inscribed seal. 7th or early 6th cent., *AS* V: 136. *Ibid.*, pl. 57: 14 (?), *ca.* 850-700, comp., inscribed seal. Same comment. S28, R. 118, II. *AS* II: 45, 17, 32: 61 (brown with gray core; red slip inside and

smear in places down over rim), *ca.* 900-600, comp. R. 388, II. *AS* III: 64, pl. 24: 5.7 (?), *ca.* 900-600, comp. R. 316 (1933), str. IIa. *AS* IV, pls. 43: 21, 63: 23 (form probably extends even to 9th-8th cent. according to note under description. Pl. 63: 25 also similar), *ca.* 1000-950, comp.

Ed-Dāheriyeh: tomb. *QDAP* 4, pl. 61: row 3, no. 1, *ca.* 1000, comp. Probably 9th cent., *AS* V: 137.

T. Beit Mirsim: str. A. *AAS* 12: 85 f., pl. 67: 15, *ca.* 800-600, seal imp., inscriptions, comp.

T. Jemmeh: EF189. *Gerar*, pl. 49: 160, *ca.* 1000, amulets, comp. Albright, 9th cent., *AAS* 12: 79. *CPP*, 160, XXI dyn.

1216 T. Beit Mirsim: str. B. *AAS* 12: 70, pl. 51: 16 (thicker ware), *ca.* 1230-920, comp.

T. Sandahannah: ? *EP*, 127, pl. 60: 29 (?) (common type; base flat), *ca.* 350-?, coins, comp.

1217 'Ain Shems: T. 1. *APEF* 2, pl. 22: 5 (?), *ca.* 1300-950, comp., scarabs and amulets not studied. Late 10th and early 9th cent., *AS* V: 136.

Ed-Dāheriyeh: tomb. *QDAP* 4, pl. 61: row 2, no. 4 (apparently irregularly burnished horizontally inside and outside), *ca.* 1000, comp. Probably 9th cent., *AS* V: 137.

1219 Beth-shan: E. of Temple area, Rameses II level. *B-S* II, ii: 32, pl. 47: 9 (brown ware, gray in section, covered with smooth red wash), 1292-1000, inscriptions, scarabs, comp. Albright, 12th to 10th cent., *AAS* 17: 76 f.

T. Jemmeh: *EP* 183. *Gerar*, pl. 49: 14f, *ca.* 1200, scarab, comp. Albright, 10th cent., *AAS* 12: 79. *CPP*, 14F, XIX dyn. Same comment.

1220 'Ain Shems: T. 11. *AS* II: 24, pl. 30: 8, *ca.* 1350-1150, *AAS* 12: 41; *AS* V: 32, 109. R. 317, II. *AS* III: 78, pls. 25: 2.2, 29: 1.3, *ca.* 900-600 (EI pottery found in this room also), comp. R. 316 (1933), IIa. *AS* IV, pls. 42: 23 (rougher outline; red slip on both sides), 63: 3, *ca.* 1000-950, comp.

T. el-Fūl: II Fortr. *AAS* 4: 12, pl. 26: 7, comp., \*L 11th-E 10th cent. I and II Fortr. *Ibid.*, 13, pl. 29, fig. 10, comp., \*L 11th-E 10th cent.

T. Jemmeh: E. *Gerar*, pl. 49: 14p, ? *Ep.* *CPP*, 14P, XXII dyn.

1221 'Ain Shems: R. 387, II. *AS* III: 65, pl. 24: 6.1 (?), *ca.* 900-600, comp. Area Z-AB 30-31 (1930), IIa. *AS* IV, pls. 42: 28 (red slip), 63: 6, *ca.* 1000-950, comp.

Ed-Dāheriyeh: tomb. *QDAP* 4, pl. 62: row 5, no. 1., *ca.* 1000, comp. Probably 9th cent., *AS* V: 137.

Jericho: ? *J*, pl. 38: D, 10 (?), Jüdisch.

1222 'Ain Shems: II 60. *AS* II: 45, pl. 32: 72, *ca.* 900-600, comp. 3-4 meters sub peg Z39. *Ibid.*, 36, pl. 45: 28. Area Z-AB 30-31, within the hilani building (1930), str. IIa. *AS* 4, pls. 42: 26 (rougher outline, red slip), 63: 7, *ca.* 1000-950, comp.

T. el-Fār'ah: T. 552 R. *CPP*, 22N6 (?), XIX dyn. (Albright and Starkey, T. 552 of 12th cent., *AJA* 36: 300, *TF* II: 31.) Cemetery 200. *CPP*, 24N6 (?), ?

T. Jemmeh: BO201. *Gerar*, pl. 50: 22p (?), *ca.* 600, comp. Albright, probably late 6th cent., *AAS* 12: 79.

1223 'Ain Shems: S32 IV 161. *AS* II: 42, pl. 31: 3 (?), LB, comp. Possibly *ca.* 1200-1000, *AS* V: 15. R. 30, IV. *AS* II: 45, pl. 32: 45 (?), LB, comp. Same comment.

Megiddo: T. 63E. *MT*, pl. 62: 1 (lt red 3 wash inside and over rim), EI ii (1100-1000). T. 912A1. *MT*, pls. 32: 13 (many predominantly lt grits, brown ochre 2), 123: 10, LB ii (1400-1200). Str. V. *M* I, pls. 30: 132 (gray, dark red wash, hand burnished), 61: 132, 1060-1000. Albright. *ca.* 1050-950. *AJA* 44: 548.

T. el-Fūl: I and II Fortr. *AAS* 4: 13, pl. 29: 12 (?), \*L 11th-E 10th cent.

1224 Beth-shan: R. 1029, Rameses II level. *B-S* II, ii: 32, pl. 47: 12 (smaller; lt gray ware), 1292-1000, inscriptions, scarabs, comp. Albright, mainly 12th to 10th cent., *AAS* 17: 76 f.

Jericho: T. 4, layer C. *LAA* 20, pl. 15: 7 (yellow ware; less regular shape), *ca.* 1500, scarabs, comp.

Megiddo: T. 221 B. *MT*, pl. 70: 10, EI i (1200-1100).

T. el-Fūl: II Fortr. *AAS* 4: 12, pl. 26: 17, \*L 11th-E 10th cent.

1225 'Ain Shems: area T32 (1930), str. IV. *AS* IV, pl. 58: 13 (rim slightly everted; pinkish brown ware, gray core), *ca.* 1500-1200, scarabs, comp. T. 1 (T. 11 of later records). *BS*, p. 195: 543 (?) (rim differs slightly), p. 197, *ca.* 1275-1150, comp., scarab not studied. *Ca.* 1350-1150, *AAS* 12: 41 and *AS* V: 32, 109.

T. el-Fār'ah: T. 559. *CPP*, 22B2 (?), XVI dyn.

T. el-Fūl: II Fortr. *AAS* 4: 12, pl. 26: 24 (?), \*L 11th-E 10th cent.

1226 Megiddo: T. 221B. *MT*, pls. 70: 11, 169: 6, EI i (1200-1100). *Ibid.*, pl. 71: 4 (larger and crudely shaped), EI i (1200-1100).

T. el-Fūl: II Fortr. *AAS* 4: 12, pl. 26, fig. 11 (?), *ca.* 1050-1000, comp.

T. Jemmeh: JE179. *Gerar*, 21, pls. 50: 21j (?) (lt red, drab facing, brown lines, more exact in projection on 63: 31), 63: 31, *ca.* 1400, scarab, cutting out knife. Albright, *ca.* 1100, *AAS* 12: 79. *CPP*, 21j (?), XVIII dyn. Same comment.

1227 Beth-shan: R. 1029 (S. magazine at floor level). *B-S* II, ii: 12, 33, pl. 47: 16 (has bar handle), 1292-1000, inscriptions, scarabs, comp. Albright, mainly 12th to 10th cent., *AAS* 17: 76 f.

Megiddo: str. V. *M* I, pls. 30: 116 (wheel and hand burnished; rim less everted), 61: 116, 1060-1000. Albright, *ca.* 1050-950, *AJA* 44: 548.

T. Beit Mirsim: str. A. *AAS* 12: 85 f., pl. 67: 18 (?), *ca.* 800-600, seal imp., inscriptions, comp.

T. el-Fār'ah: T. 256. *CPP*, 28j (?), XXII dyn.

1228 Megiddo: T. 989 A 1. *MT*, pl. 15: 16 (has thumb handle), LB ii (1400-1200).

1230 'Ain Shems: T. 2 (T. 12 of later records). *BS*, p. 147: 313 (?) (ring base, also smaller), 158, LB, *ca.* 1400, comp., scarabs not studied. Mainly *ca.* 1650-1550, *AS* V: 31 f., 108 f.

Jericho: T. 19. *LAA* 20, pl. 3: 15 (lt brick ware, pronounced ring base), 1700-1600, scarabs, comp.

Megiddo: R. 949. *OIP* 32: 13, pl. 3: 1, MB ii, comp. Str. IV-III. *M* I, pls. 25: 67 (yellow, brown ochre wash inside and over rim, spaced wheel burnishing), 59: 67, 1000-650. Albright, *ca.* 950-*ca.* 670 (?), *AJA* 44: 549.

T. Beit Mirsim: str. C. *AAS* 12: 38, pl. 47: 5, *ca.* 1520-1230, scarabs, comp. Str. D. *Ibid.*, 23, pl. 44: 9, *ca.* 1700-1560, scarabs, comp.

T. eş-Şāfi: ? *EP*, 88, pl. 33: 5 (?) (smaller base), 1500-750, comp.

#### PLATE 55

1232 T. Jemmeh: A 196. *Gerar*, pl. 49: 14m, *ca.* 750, comp. Albright, late 7th cent., *AAS* 12: 79. *CPP*, 14M, XXV dyn. Same comment.

1233 'Ain Shems: W. of IV 86. *AS* II: 40, pl. 30: 21a (?), LB, comp. Possibly *ca.* 1200-1000, *AS* V: 15.

T. Beit Mirsim: str. A. *AAS* 12: 85 f., pl. 65: 31, *ca.* 800-600, seal imp., inscriptions, comp.

1234 T. el-Hesī: 314 NE. *TH*, 48, pl. 9: 17 (?)

(round bottom), 600, comp. Bliss, one or two cent. earlier, *MMC*, pl. 2.

**1235** T. el-Fār'ah: T. 229. *CPP*, 18R4, XXII dyn. Of a series dated between 11th and 9th cent., *AS* V: 133.

T. Jemmeh: AD200. *Gerar*, pl. 49: 14x, ca. 600, comp. Albright, apparently late 6th cent., *AAS* 12: 79. *CPP*, 14X, XXV dyn. Same comment. DM194. *Gerar*, pl. 49: 14j, ca. 800, comp. Albright, 7th cent., *AAS* 12: 79. *CPP* 14J, XXIII dyn. Same comment.

**1236** 'Ain Shems: intramural. *BS*, p. 205: 244 (?), p. 212, ? Outside and against city wall. *BS*, p. 209: 29 (?), pp. 25, 208, ca. 1100, comp. From outside and E. of IV 86, under street. *AS* II: 22, pl. 30: 25, LB, comp. Possibly ca. 1200-1000, *AS* V: 15.

Beth-zur: ? *BZ*, pl. 9: 9 (?) (smaller and deeper; red surfaced and ring burnished), ca. 900-600, seal imp., comp. Ed-Dāheriyeh: tomb. *QDAP* 4, pl. 63: row 4, no. 2 (?), ca. 1000, comp. Probably 9th cent., *AS* V: 137.

Megiddo: str. V. *M* I, pls. 30: 120 (burnt umber, dark red wash inside and over rim; irregularly hand burnished; larger), 61: 120, 1060-1000. Albright, ca. 1050-950, *AJA* 44: 548.

T. Abū Hawam: galleries, str. IVb. *QDAP* 4, fig. 15 (lt red ware, gray core, slip smoothed. Examples usually burnished), p. 9, ca. 1195-1100, comp. E5, at 31 under R. 19 of III, str. IVb. *Ibid.*, 29, pl. 14: 154, fig. 154, same date.

T. el-Fār'ah: T. 549. *CPP*, 18U3 (?), XV dyn. (Albright, MB).

T. el-Fūl: II Fortr. *AAS* 4: 12, pl. 26: 3, 23, \*L 11th-E 10th cent.

**1237** Megiddo: str. V-IV. *M* I, pls. 28: 99 (dark brown ocher, blue-black core, wheel and hand burnished outside and over rim to shoulder, hand burnished on lower inside), 60: 99, 1060-800. Albright, ca. 1050-733, *AJA* 44: 548 f.

T. el-Fār'ah: T. 233. *CPP*, 16C, XX dyn.

**1238** 'Ain Shems: R. 391 (1933), str. IIB-c. *AS* 4, pl. 66: 10 (reddish brown, very fine white grits, red slip on both surfaces), ca. 950-586, comp.

Beth-shan: R. 1021A (floor level), Rameses II level. *B-S* II, ii: 12, 32, pl. 47: 2, 1292-1000, inscriptions, scarabs, comp. Albright, 12th to 10th cent., *AAS* 17: 76 f.

Jericho: T. 13, layer C. *LAA* 20, pl. 5: 6 (ring base), ca. 1800-1500, scarabs, comp. ? *J*, pl. 36: A, 54c, Jüdisch.

Megiddo: str. V. *M* I, pls. 28: 98 (yellow, lt red wash inside and over rim to shoulder, wheel and hand burnished; ring base), 60: 98, 1060-1000. Albright, ca. 1050-950, *AJA* 44: 548.

T. el-Fūl: II Fortr. *AAS* 4: 12, pl. 26: 4, 12, 19, \*L 11th-E 10th cent.

T. Jemmeh: DJ 193, EF189. *Gerar*, 21, pl. 49: 14g (red pebbled), ca. 1000-850, amulets, comp. Albright, 9th, 7th cent., *AAS* 12: 79.

T. Jemmeh and T. el-Fār'ah: DJ193, EF189, T. 712. *CPP*, 14G1, XXII dyn. Also comment above.

T. Zakariyā: ? *EP*, 106, pl. 55: 5 (ring burnished), 750-ca. 350, seal imp., comp.

**1239** 'Ain Shems: T. 1 (T. 11 of later records). *BS*, p. 191: below 492 (?), ca. 1275-1150, comp., scarab not studied. Ca. 1350-1150, *AAS* 12: 41 and *AS* V: 32, 109. Gutter E. of R. 39, T28. *AS* II: 45, pl. 32: 64, ? W29 inside Temple, II. *AS* II: 46, pl. 32: 81 (gray outside, brown inside with 3 white grits; wet smoothed, fire blackened outside, crisscross burnishing inside), ca. 900-600, comp. V28, III. *AS* II: 45, pl. 32: 68 (?) (lt brown with med gray and white grits; wet smoothed inside, red slip out-

side), ca. 1200-900, comp. Possibly ca. 1000-950, *AS* V: 15. Sub R. 387 (1933), layer 1a-b, str. III. *AS* IV, pl. 62: 14, 1200-1000.

T. el-'Ajjūl: level II. *TA* II, pl. 37: 16R3 (?), Hyksos period, scarabs, comp. Albright, 17th-16th cent., *AJS* 55: 348 f. T. 310. *TA* III, pl. 31: 23K19''' (?), XV dyn., comp.

T. el-Fār'ah: T. 221. *CPP*, 16K6 (?), XXII dyn. Of a series dated between 11th and 9th cent., *AS* V: 133. Ts. 221, 251e. *CPP*, 16K2, XX and XXII dyn. See previous note. Ts. 565, 584. *CPP*, 18K2 (?), XV and XVI dyn.

T. el-Fūl: II Fortr. *AAS* 4: 12, pl. 26: 13 (?), \*L 11th-E 10th cent.

T. el-Ḥesī: ? *EP*, 88, pl. 34: 15 (flat base), 1500-750, comp.

T. Jemmeh: FO189. *Gerar*, 21, pl. 49: 16m (red pebbled), ca. 950, amulets, comp. Albright, 9th cent., *AAS* 12: 79. *CPP*, 16M, XXI dyn. Same comment. GS180. *Gerar*, 21, pl. 51: 26c (fawn), ca. 1400, comp. Albright, possibly ca. 1100, *AAS* 12: 79. *CPP*, 26C, XVIII dyn. Same comment.

T. Zakariyā: ? *EP*, 151 f., pl. 82: 2 bottom (?), ?

? ? *EP*, 76, pl. 20: 1 (?), 1500-ca. 750, comp.

**1241** 'Ain Shems: repository of T. 2. *APEF* 2, pl. 33: 7 (?), ca. 1000-850, comp., scarabs not studied. 8th cent. and slightly earlier, *AS* V: 136. T. 2. *APEF* 2, pl. 37: 11 (?), p. 67, ca. 950-700, comp., scarabs not studied. 7th or early 6th cent., *AS* V: 136. Repository of T. 7. *APEF* 2: 81, pl. 46: 7 (?), ca. 950-700, comp. Same comment.

T. Beit Mirsim: str. A. *AAS* 12: 85 f., pls. 64: 9, 16, 65: 7 (ring burnished), ca. 800-600, seal imp., inscriptions, comp.

**1242** 'Ain Shems: R. 387 (1933), probably IIB. *AS* IV, pl. 66: 12 (reddish brown ware, very fine white grits, red slip inside and outside to shoulder), ca. 950-825, comp.

'Athlīt: cremated burials, burial ix. *QDAP* 6: 145, fig. 9: 1, ca. 700-600, comp. Burials xib, xii. *Ibid.*, 147, figs. 11: 5 (not so well molded, and ware coarser), 12: 4 (see previous note), same date.

Megiddo: Rs. 6, 7, str. III. *OIC* 4: 69, fig. 45: 42, 800-600, comp. Later considered str. V, ca. 1050-1000, *M* I: 3, note, which Albright dates ca. 1050-950, *AJA* 44: 548. T. 1145B. *MT*, pls. 50: 5, 151: 7, LB i (1600-1400). T. 989 A1. *MT*, pl. 16: 6 (many lt grits, Naples yellow 2), same date as above. Str. V-IV. *M* I, pls. 28: 97 (brown ocher, dark red wash, wheel burnished), 60: 97, 1060-800. Albright, ca. 1050-733, *AJA* 44: 548 f. Str. IX. *SAOC* 17, pl. 4: 24 (pink buff), chart, 34, 1550-1479, comp. Albright, ca. 1550-1468, *AJA* 44: 548 f.

T. el-'Ajjūl: MV990, T. 302. *TA* III, pl. 30: 16K3 (?), XII, XV dyn., scarabs, comp. Ca. age of Palace II (*AS* V: 105, note), or 16th-15th cent., Albright, *AJS* 55: 352 f.

T. el-Fār'ah: T. 228. *CPP*, 16M2, XXII dyn.

**1243** 'Ain Shems: repository of T. 4. *APEF* 2, pl. 39A: 7 (?), ca. 950-750, comp., amulet not studied. 7th or early 6th cent., *AS* V: 136. Repository of T. 7. *APEF* 2, 81, pl. 46: 8 (?), ca. 950-700, comp. Same comment. R. 393, II. *AS* III: 63, pl. 24: 4.3 (?) (lt brown gray core, dark red surface), ca. 900-600, comp. S. of str. II, base of which was in R. 490 (1933). *AS* IV, pls. 66: 8, 43: 24 (brown ware, red slip, irregular horizontal burnishing), ca. 1000-586, seals, comp.

Beth-shan: E. of Temple area, Rameses II level. *B-S* II, ii: 12, 32, pl. 47: 11 (well baked brown ware, interior and part of exterior covered with red wash, burnished),

1292-1000, inscriptions, scarabs, comp. Albright, 12th to 10th cent., *AAS* 17: 76 f.

Ed-Ḍāheriyeh: tomb. *QDAP* 4, pl. 63: row 5, no. 3, ca. 1000, comp. Probably 9th cent., *AS* V: 137.

T. Abū Hawam: found close to a group of LB beads in D4, at 53, but perhaps intrusion from III. *QDAP* 4: 21, fig. 69 (fine reddish brown ware, covered entirely with dark red slip), ca. 1100-925, comp.

T. Beit Mirsim: str. A. *AAS* 12: 85 f., pl. 65: 2 (?) (not burnished), 10 (ring burnished), ca. 800-600, seal imp., inscriptions, comp.

T. el-Fār'ah: T. 229. *TF* I: 13, pl. 39: 16j (?), XXI or XXII dyn. (text implies XXI dyn., Solomonic, plate reads XXII). Of a series dated between 11th and 9th cent., *AS* V: 133.

T. el-Fūl: I and II Fortr. *AAS* 4: 13, pl. 29: 8, \*L 11th-E 10th cent.

T. Jemmeh: GN183. *Gerar*, pl. 49: 16b, ca. 1200, scarab, comp. Albright, 10th cent., *AAS* 12: 79. *CPP*, 16B, XIX dyn. Same comment.

1244 'Ain Shems: T. 6. *APEF* 2, pl. 44A: 2 (?), ca. 950-700, comp. 7th or early 6th cent., *AS* V: 136.

Megiddo: T. 80A. *MT*, pl. 75: 7 (fine ware, chiefly permanent brown 1 core, brown ocher 1 wash, close irregular burnishing), EI ii (1100-1000). Str. V-IV. *M* I, pls. 30: 126 (brown ocher, dark red wash inside and over rim, wheel burnished over rim and inside to shoulder, convergent hand burnishing on lower inside), 61: 126, 1060-800. Albright, ca. 1050-733, *AJA* 44: 548 f.

Samaria: N. G. T. 3. *S* I: 280, fig. 156: 11a (?) (red brown ware, red wash, pebble burnished inside and on rim), 900-700, comp. At the Basilica. *S* I: 284, fig. 161: 17 (fine drab ware, red wash, usually pebble burnished), same date.

T. el-Fār'ah: T. 223. *CPP*, 18L2 (?), XXII dyn.

T. Jemmeh: DJ193. *Gerar*, 21, pl. 49: 16w (?) (red pebbled), ca. 850, comp. Albright, 7th cent., *AAS* 12: 79. *CPP*, 16W (?), XXIII dyn. Same comment.

1245 Samaria: S7-772 sub. *S* I: 278, fig. 154: 13 (drab ware, red wash), 900-700, ostraca, comp.

T. el-Fūl: II Fortr. *AAS* 4: 12, pl. 26: 2, 10, \*L 11th-E 10th cent.

1246 T. eṣ-Ṣāfi: ? *EP*, 88, pl. 34: 1 (?), 1500-750, comp.

T. Sandaḥannah: ? *EP*, 128 f., pl. 61: 8 (?), ca. 350-?, coins, comp.

1247 'Ain Shems: T. 2 (T. 12 of later records). *BS*, p. 147: 343, p. 159, LB, ca. 1400, comp., scarabs not studied. Ca. 1650-1550, *AS* V: 31 f., 108 f. T. 1 (T. 11 of later records). *BS*, p. 195: 551 (?) (lt brown with gray core; slightly larger and more shallow), p. 198, ca. 1275-1150, comp., scarabs not studied. Ca. 1350-1150, *AAS* 12: 41 and *AS* V: 32, 109. Level III, under region of great street. *BS*, p. 213: 315 (lt brown), p. 214. *Ca.* 1200-900, comp. Possibly ca. 1000-950, *AS* V: 15. W. of IV 86. *AS* II: 40, pl. 30: 21 (?), LB, comp. Possibly ca. 1200-1000, *AS* V: 15.

Megiddo: T. 77. *MT*, pls. 42: 11, 140: 31, LB i (1600-1400).

T. Beit Mirsim: E. Cave (str. C). *AAS* 12: 38 f., pl. 50: 3 (?) (red painted cross inside), ca. 1520-1230, scarabs, comp.

T. el-'Ajjūl: level II. *TA* II, pl. 38: 19T (?), Hyksos period (Petrie, dates under-rated rather than over-rated), scarabs, comp. Ca. 17th-16th cent., Albright, *AJS* 55: 348 f. T. 1000. *TA* II, pl. 28: 18D3 (?), ? F830. *TA* IV, pl. 48: 25E10 (?), ?

T. el-Fār'ah: Ts. 524, 532, 801. *CPP*, 23B4, XX dyn. T. 532 dated mainly 11th cent., Albright, *AJA* 36: 300.

T. el-Ḥesī: cemetery 7. *TH*, 44, pl. 7: 118, ca. 900-1000, or possibly pre-Israelite, comp.

1249 'Ain Shems: sub III 13. *AS* II: 34, pl. 31: 14, ca. 1300-1200, comp. Possibly ca. 1200-1000, *AS* V: 15.

Samaria: S11-5. *S* I: 280, fig. 156: 10a (drab ware, red wash, pebble burnished inside), 900-700, comp.

T. Beit Mirsim: str. A. *AAS* 12: 85 f., pl. 64: 10, ca. 800-600, seal imp., inscriptions, comp.

T. el-Fār'ah: T. 229. *TF* I: 13, pl. 39: 16m, XXI or XXII dyn. (text implies XXI dyn., Solomonic, plate reads XXII). Of a series dated between 11th and 9th cent., *AS* V: 133. T. 264. *CPP*, 2J2.

1250 T. Jemmeh: HF182, NET181. *Gerar*, pl. 48: 6f, ca. 1350-1300, comp. Albright, 11th cent., *AS* 12: 79. *CPP*, 6F, XIX dyn. Same comment. AX200. *Gerar*, pl. 49: 16y, ca. 600, comp. Albright, 6th cent., *AAS* 12: 79. *CPP*, 16Y, XXVI dyn. Same comment.

1251 'Ain Shems: V28, outside of NW corner Temple, IV. *AS* II: 45, pl. 32: 36 (?) (lt brown with gray core; wet smoothed, red over rim), LB, comp. Possibly ca. 1200-1000, *AS* V: 15.

1252 Megiddo: str. VII. *SAOC* 17, pl. 2: 5 (green-buff, string-cut base, red line decoration around rim), chart, 38, 1350-1170, comp. Albright, ca. 1300-1150, *AJA* 44: 548.

T. el-'Ajjūl: "Governor's Tomb" or T. 419. *TA* III, pl. 11: 36 (?), ca. 1350-1300, seal ring and scarab, comp.

T. el-Fār'ah: Ts. 542, 552, 902. *CPP*, 3A2, XVIII and XIX dyn. (Albright and Starkey, Ts. 542, 552 of 12th cent., and Albright says T. 902 is 13th cent., *AJA* 36: 300, *TF* II: 31, *AAS* 12: 42).

1253 Megiddo: T. 80A. *MT*, pl. 75: 6 (lt red 1 wash), EI ii (1100-1000).

T. Beit Mirsim: str. A. *AAS* 12: 85 f., pl. 64: 8 (ring burnished), ca. 800-600, seal imp., inscriptions, comp.

1254 'Ain Shems: Ci 17, area V30 (1929), str. IV. *AS* IV, pl. 58: 8 (brown ware, gray core), ca. 1500-1200.

T. el-Fār'ah: level 385. *CPP*, 18K5, XXII dyn.

T. el-Fūl: III Fortr. *AAS* 4: 21 f., pl. 26: 28, \*ca. 750-589.

1255 T. el-'Ajjūl: E923. *TA* IV, pl. 48: 23K19" (?), ?

T. Beit Mirsim: str. A. *AAS* 12: 85 f., pl. 65: 21 (ring burnished), ca. 800-600, seal imp., inscriptions, comp.

T. Jemmeh: (AA196). *Gerar*, 21, pl. 48: 3j (?) (red faced inside with foliage pattern, flat base), ca. 750, comp. Albright, ca. late 7th cent., *AAS* 12: 79. *CPP*, 3J, XXV dyn. Same comment. GK184. *Gerar*, pl. 48: 4k, ca. 1200, scarab, comp. Albright, 10th cent., *AAS* 12: 79. *CPP*, 4K, XIX dyn. Same comment.

1256 'Ain Shems: T. 1 (T. 11 of later records). *BS* p. 189: 380 (?) (brown, smaller), p. 182, ca. 1275-1150, comp., scarab not studied. Ca. 1350-1150, *AAS* 12: 41, and *AS* V: 32, 109. W. of IV 86. *AS* II: 40, pl. 30: 19 (?) (lt brown; yellowish cream slip), LB, comp. Possibly ca. 1200-1000, *AS* V: 15. Cl. *AS* II: 45, pl. 32: 69, ? Ci 1, X27 (1929), IV. *AS* IV, pl. 58: 1 (rim has slight flange inside; brown ware, gray core), ca. 1500-1200, scarab, comp.

Megiddo: Rs. 6, 7, str. III. *OIC* 4: 69, fig. 45: X21 (?), 800-600, comp. Later considered str. V, ca. 1050-1000, *M* I: 3, note. Albright dates str. V, ca. 1050-950, *AJA* 44: 548.

T. Beit Mirsim: str. A. *AAS* 12: 85 f., pl. 66: 3, ca. 800-600, seal imp., inscriptions, comp.

T. el-Fûl: III Fortr. *AAS* 4: 21 f., pl. 26: 27, \*ca. 750-589.

**1257** 'Ain Shems: repository of T. 2. *APEF* 2, pl. 33: 9, ca. 1000-850, comp., scarabs not studied. 7th or early 6th cent., *AS* V: 136. Repository of T. 7. *APEF* 2: 81, pl. 46: 1 (?) (probably smaller), ca. 950-700, comp. Same comment. Level II N. of peg Y4. *BS*, p. 211: 365 (lt brown burnished with red inside), p. 216, ca. 900-700 or 600, comp., seal from Temple not studied. R. 350 (1933), str. II. *AS* IV, pl. 66: 16 (reddish brown ware, very fine white grits; ring burnished inside and over rim), ca. 950-586, seals comp.

Samaria: S8-880. *S* I: 280, fig. 156: 11b (?) (red brown ware, red wash, pebble burnished inside), 900-700, comp.

T. Beit Mirsim: str. A. *AAS* 12: 85 f., pl. 65: 27 (ring burnished), ca. 800-600, seal imp., inscriptions, comp.

T. Jemmeh: BX197, BO201. *Gerar*, pl. 48: 3l (?), 3n (?) (flat bases), ca. 725-525, comp. Albright, ca. 6th cent., *AAS* 12: 79. *CPP*, 3L (?), 3N (?), XXV, XXVI dyn. Same comment.

T. Beit Mirsim: str. A. *AAS* 12: 85 f., pl. 65: 6 (?), (ring burnished), ca. 800-600, seal imp., inscriptions, comp.

**1259** 'Ain Shems: area T32 (1930), str. IV. *AS* IV, pl. 58: 19 (rim has flange inside; pinkish brown ware, gray core), ca. 1500-1200, scarabs, comp. Area V40, below R. 13 of str. III (1931). *AS* IV, pl. 56: 8 (rim has flange inside; lt brown ware, a few fine grits), ca. 1425-1200, scarabs, comp.

T. Jemmeh: Ee189. *Gerar*, pl. 50: 24v (?), ca. 1000, amulets, comp. Albright, 9th cent., *AAS* 12: 79. *CPP*, 24V (?), XXI dyn. Same comment.

**1260** Megiddo: str. IV-III. *M* I, pls. 24: 30 (?), 58: 30 (?) (yellow, brown ocher wash inside and outside to shoulder), 1000-650. Albright, ca. 950-ca. 670 (?), *AJA* 44: 549.

**1261** Beth-shan: R. 1002, late Ramesside level. *B-S* II, ii: 39, pl. 50: 6 (red brown ware with rounded rim), ca. 1000-300, comp. Albright, mostly 12th and 11th cent., *AAS* 12: 38, 39.

Megiddo: Rs. 6, 7, str. III. *OIC* 4: 69, fig. 45: x23, 800-600, comp. Later considered str. V, ca. 1050-1000, *M* I: 3, note. Albright dates str. V ca. 1050-950, *AJA* 44: 548.

**1263** 'Ain Shems: area X32 (1930), str. IIb-c. *AS* IV, pl. 66: 7 (reddish brown ware; traces of red slip), ca. 950-586, seals, comp.

T. Beit Mirsim: str. A. *AAS* 12: 85 f., pl. 65: 26 (?) (ring burnished), ca. 800-600, seal imp., inscriptions, comp.

**1264** 'Ain Shems: outside and against city wall. *BS*, p. 209: 28 (red with brown core, red slip), pp. 25, 208, ca. 1100, comp. Sub III 13. *AS* II: 34, pl. 31: 13 (?), ca. 1300-1200, comp. Possibly ca. 1200-1000, *AS* V: 15. R. 386 (1933), str. II. *AS* IV, pl. 66: 15 (brown ware, gray core, fine grits, brown slip inside and over rim), ca. 1000-586, seals, comp.

T. el-Fûl: village settlement. *AAS* 4: 23, pl. 32: 15, 600-300, but not definitely stated, comp. \*Mainly Hellen.

T. el-Hesî: 330 SE. *TH*, 48, pl. 9: 214, 650, comp. Bliss, ca. 400, *MMC*, pl. 2.

#### PLATE 56

**1265** 'Ain Shems: repository of T. 7. *APEF* 2: 81, pl. 46: 3 (?), ca. 950-700, comp. 7th or early 6th cent., *AS* V: 136. T. 7. *APEF* 2, pl. 47: 9 (?). Same date and same comment.

Samaria: Ci 7-S1. *S* I: 292, fig. 169: 17f (?), 600-400, Aramaic ostraca, comp.

T. el-Fûl: II Fortr. *AAS* 4: 12, pl. 26: 25, \*L 11th-E 10th cent.

**1268** 'Ain Shems: T32, N.E. III 78. *AS* II: 42, pl. 31: 8, ca. 1200-900, comp. Possibly ca. 1000-950, *AS* V: 15.

Ed-Dāheriyeh: tomb. *QDAP* 4, pl. 61: row 2, no. 2 (?), ca. 1000-?, comp. Probably 9th cent., *AS* V: 137.

T. el-Fār'ah: T. 571. *CPP*, 18K4 (?), XVI dyn.

T. Jemmeh: HO183. *Gerar*, 21, pl. 48: 4p (red polished), ca. 1200, scarab, comp. Albright, 10th cent., *AAS* 12: 79. *CPP*, 4P (?), XIX dyn. Same comment.

**1270** 'Ain Shems: S32, II 231. *AS* II: 27, pl. 31: 19, ca. 900-600, comp. R. 498 (1933), str. IV. *AS* IV, pl. 58: 12 (?), ca. 1500-1200, scarabs, comp. R. 252, R31 (1930), str. IIb. *AS* IV, pl. 66: 4 (smaller and with sharper shoulder; reddish brown ware with gray core; burnished red slip over interior and exterior), ca. 950-825, comp.

T. Jemmeh: JB177. *Gerar*, 21, pl. 48: 4g (?), ca. 1500, scarab, cutting out knife. Albright, possibly ca. 12th cent., *AAS* 12: 42, 79. *CPP*, 4G (?), XVIII dyn. Same comment.

**1271** T. el-'Ajjûl: SO 910 and T. 310. *TA* III, pl. 31: 23D4 (?), Tomb dated XV dyn., comp.

T. el-Fûl: III Fortr. *AAS* 4: 21 f., pl. 27: 29, \*ca. 750-589.

**1272** Megiddo: str. I. *M* I, pl. 23: 2 (rim differs slightly, having flanges on each side and slanting inwards), 600-350. Albright, ca. 600-ca. 450 (?), *AJA* 44: 549.

**1273** T. el-Fûl: II Fortr. *AAS* 4: 12, pl. 26: 22, \*L 11th-E 10th cent.

**1274** 'Ain Shems: T. 2 (T. 12 of later records). *BS*, p. 149: 192 (?) (brown), p. 156, LB, ca. 1400, comp., scarabs not studied. Mainly ca. 1650-1550, *AS* V: 31 f., 108 f.

T. el-Fār'ah: T. 542. *CPP*, 23P3, XIX dyn. Albright and Starkey, T. 542 of 12th cent., *AJA* 36: 300, *TF* II: 31.

T. Jemmeh: JB166, 168. *Gerar*, pl. 50: 23d, at least 2000. Albright, possibly LB, *AAS* 12: 42, 79. *CPP*, 23D, XVI dyn. Same comment.

**1275** 'Ain Shems: T. 1 (T. 11 of later records). *BS*, p. 195: above 222 (?) (top of rim red painted, also four horizontal red bands inside), ca. 1275-1150, comp., scarab not studied. Ca. 1350-1150, *AAS* 12: 41 and *AS* V: 32, 109. City wall, NW. *AS* II: 29, pl. 31: 18.

T. el-Fûl: II Fortr. *AAS* 4: 12, pl. 26: 15, \*L 11th-E 10th cent.

**1276** T. Abū Hawam: E. 6 at 15, str. III. *QDAP* 4, fig. 75 (reddish brown throughout, fine black grits), ca. 1100-925, comp.

T. el-Fûl: II Fortr. *AAS* 4: 12, pl. 26: 18, \*L 11th-E 10th cent.

**1280** 'Ain Shems: R 317, II. *AS* III: 78, fig. 6: 3-79, ca. 900-600, comp.

T. el-Fûl: III Fortr. *AAS* 4: 21 f., pl. 27: 30, \*ca. 750-589.

**1281** T. el-'Ajjûl: level II. *TA* I, pl. 39: 25B5 (?), Hyksos period, scarabs, comp. Albright, 17th-16th cent., *AJS* 55: 348 f.

T. Jemmeh: C196. *Gerar*, pl. 50: 25t (?), ca. 750, comp. Albright, 7th cent., *AAS* 12: 79. *CPP*, 25T, XXV dyn. Same comment. W. *Gerar*, pl. 62: upper center left, ?

**1282** T. Beit Mirsim: str. A. *AAS* 12: 85 f., pl. 65: 20b (ring burnished), ca. 800-600, seal imp., inscriptions, comp.



T. el-Fār'ah: C396. *CPP*, 28-0-8 (base less pronounced), ?

T. el-Fūl: Ts. S. slope. *PEQ* 1915: 35, 37, pl. I: left (?), 800-700, Macalister. *EI* ii, Albright, *AAS* 12: 76.

1283 Megiddo: str. IV-II. *M I*, pl. 24: 35 (?) (rim lacks flange inside; wheel burnished), 1000-600. Albright, *ca.* 950-609 (?), *AJA* 44: 549.

1284 'Ain Shems: R. 490 (1933), str. IV. *AS* IV, pl. 58: 18 (very well levigated; lt brown), *ca.* 1500-1200, scarabs, comp.

T. Beit Mirsim: str. A. *AAS* 12: 85 f., pl. 65: 22 (?), *ca.* 800-600, seal imp., inscriptions, comp.

T. el-Fūl: III Fortr. *AAS* 4: 22 f., pl. 29: 18 (?) (not burnished), \**ca.* 750-589.

1285 T. el-Fūl: I and II Fortr. *AAS* 4: 13, pl. 29: 9 (?), \*L 11th-E 10th cent.

1286 'Ain Shems: Q32. *AS* II: 42, pl. 31: 2 (?) (reddish, sandy ware, red brown paint), transition LB to EI. Near B.H. *Ibid.*, 28, pl. 31: 16 (deeper; brown with dark gray core, red brown surface), ?

Megiddo: str. V-IV. *M I*, pls. 28: 101, 60: 101 (more shallow), 1060-800. Albright, *ca.* 1050-733, *AJA* 44: 548 f.

T. Abū Hawam: F5, on pavement of R. 13, III. *QDAP* 4: 21, fig. 72 (red with purplish gray core, few dark grits), *ca.* 1100-925, comp.

1287 'Ain Shems: R. 391 (1933), str. II. *AS* IV, pl. 66: 11 (reddish brown ware, very fine white grits, red slip on both surfaces), *ca.* 1000-586, seals, comp.

'Athlit: N. slope of tell. *QDAP* 3: 147, 149 f., fig. 5: 15 (?), *ca.* 1100-900, comp.

Ed-Dāherīyeh: tomb. *QDAP* 4, pl. 63: row 4, no. 1, *ca.* 1000-?, comp. Probably 9th cent., *AS* V: 137.

1288 T. ej-Judeideh: ? *EP*, 106, pl. 55: 3 (burnished), 750-*ca.* 350, seal imp., comp.

1289 'Ain Shems: R. 301 (1933), str. II. *AS* IV, pl. 66: 1 (reddish brown ware, small gray grits), *ca.* 1000-586, seals, comp.

T. Beit Mirsim: str. A. *AAS* 12: 85 f., pl. 65: 24, *ca.* 800-600, seal imp., inscriptions, comp.

T. el-Fār'ah: Ts. 550, 556, 564, 566. *CPP*, 18/9 (?), XV and XVI dyn.

1290 Megiddo: str. III. *M I*, pls. 24: 34 (green brown, lt red wash inside and over rim, wheel burnished), 58: 34, 780-650. Albright, *ca.* 733-*ca.* 670 (?), *AJA* 44: 549.

1291 'Ain Shems: T28 III, sub II 130. *AS* II: 46, pl. 32: 79, *ca.* 1200-900, comp. Possibly *ca.* 1000-950, *AS* V: 15.

Megiddo: str. V. *M I*, pls. 30: 130 (brown ocher, dark red wash inside and over rim; smaller), 61: 130, 1060-1000. Albright, *ca.* 1050-950, *AJA* 44: 548.

T. el-Fūl: III Fortr. *AAS* 4: 22 f., pl. 29: 17, \**ca.* 750-589.

T. Jemmeh: EF185. *Gerar*, 21, pl. 51: 28d (?) (red pebbled), *ca.* 1200, scarab, comp. Albright, 10th cent., *AAS* 12: 79. *CPP*, 28D (?), XX dyn. Same comment.

#### PLATE 57

1294 Samaria: Ci 7-S1. *S I*: 292, fig. 169: 17g (?) (red ware), 600-400, Aramaic ostraca, comp.

1295 T. Beit Mirsim: str. A. *AAS* 12: 85 f., pl. 66: 4 (?) (deeper), *ca.* 800-600, seal imp., inscriptions, comp.

1296 Beth-shan: E. of Temple area, Rameses II level. *B-S* II, ii: 32, pl. 47: 4 (red brown ware; rounded base), 1292-1000, inscriptions, scarabs, comp. Albright, 12th to 10th cent., *AAS* 17: 76 f.

Samaria: S3-306. *S I*: 279, fig. 154: 17 (drab ware), 900-700, comp.

T. Abū Hawam: G4, S. of 42 and below town wall of III, str. IVb. *QDAP* 4: 30, fig. 164 (gritty brown buff ware, gray core, large white particles; contours more regular), *ca.* 1195-1100, comp.

T. Jemmeh: 203 (level). *Gerar*, pl. 48: 3t, *ca.* 500, comp. See also *AS* V: 141 and note 31. *CPP*, 3T, XXVII dyn. Same comment.

1297 T. el-Hesī: 314 NE. *TH*, 48, pl. 9: 219, 600, comp. Bliss, a cent. or two earlier, *MMC*, pl. 2.

1298 Beth-shan: summit and W. slope. *B-S* III, pl. 32: 21 (?) (top of rim decorated), ?

Samaria: Ci 7-S1. *S I*: 292, fig. 169: 17c (red ware), 600-400, Aramaic ostraca, comp.

1299 Seilūn: Mugharet el-Asad. *IDHL*, 51, fig. 35 (apparently has combed decoration but in narrower bands), *ca.* 400-600, coins, comp. *JPOS* 10: 120, fig. 16 (see note above), same date as above.

1304 'Ain Shems: S32, II 231. *AS* II: 27, pl. 31: 20, *ca.* 900-600, comp. R. 301 (1933), probably IIb. *AS* IV, pl. 66: 6 (ring burnished, red slip over interior and rim), *ca.* 950-825, comp. See also pl. 63: 14 description.

1308 'Ain Shems: T. 28, II 93. *AS* II: 46, pl. 32: 82 (lt brown, small brown and white grits; ring burnished inside), *ca.* 900-600, comp.

T. Beit Mirsim: str. A. *AAS* 12: 85 f., pl. 61: 3, 17 (?), *ca.* 800-600, seal imp., inscriptions, comp. *Ibid.*, pl. 62: 5.

1309 'Ain Shems: III, T. 28. *AS* II: 19, pl. 31: 30, *ca.* 1200-900, comp. Possibly *ca.* 1000-950, *AS* V: 15.

T. Beit Mirsim: str. A. *AAS* 12: 85 f., pl. 62: 9 (ring burnished), *ca.* 800-600, seal imp., inscriptions, comp.

1310 'Ain Shems: II, AA31. *AS* II: 42, pl. 31: 24, *ca.* 900-600, comp. Ci 25 (1933), str. IIc. *AS* IV, pl. 67: 11 (more pronounced shoulder; reddish brown ware, gray core, black grits, red slip on interior and over rim, ring burnished over same areas only), *ca.* 825-586, seals, comp.

Megiddo: str. XI. *SAOC* 17, pl. 7: 15 (buff), chart, 33, 1700-1650, comp.

T. Beit Mirsim: str. A. *AAS* 12: 85 f., pls. 66: 5, 61: 8 (ring burnished), *ca.* 800-600, seal imp., inscriptions, comp. *Ibid.*, pl. 62: 20.

T. el-Hesī: 314 NE. *TH*, 48, pl. 9: 208, 600, comp. Bliss, a cent. or so earlier, *MMC*, pl. 2.

T. Jemmeh: EU189. *Gerar*, 21, pl. 50: 21v (red inside, pebbled), *ca.* 1000, amulets, comp. Albright, 9th cent., *AAS* 12: 79. *CPP*, 21V, XXI dyn. Same comment.

1311 'Ain Shems: T. 7. *APEF* 2, pl. 47: 11, *ca.* 950-700, comp. 7th or early 6th cent., *AS* V: 136.

Jerusalem: Bishop Gobat School. *PEQ* 1935: 142, 143, pl. 6: 6 (?), *ca.* 900-600, comp.

T. Beit Mirsim: str. A. *AAS* 12: 85 f., pls. 66: 6, 61: 15, *ca.* 800-600, seal imp., inscriptions, comp.

T. el-Fūl: III Fortr. *AAS* 4: 21 f., pl. 27: 8, 16, \**ca.* 750-589.

1312 'Ain Shems: T. 8. *APEF* 2: 89, pl. 58: 2 (?), *ca.* 850-700, comp., inscribed seal. 7th or early 6th cent., *AS* V: 136. Street E. of IV 85, 86. *AS* II: 40, pl. 30: 31 (?) (lt brown with faint red tinge, slight gray core except in lower half, small and med white grits, wet smoothed, rich brown), LB, comp. Possibly *ca.* 1200-1000, *AS* V: 15.

T. Beit Mirsim: str. A. *AAS* 12: 85 f., pl. 61: 12 (?) (beveled ring base, and not burnished), *ca.* 800-600, seal imp., inscriptions, comp. *Ibid.*, pls. 63: 8, 64: 1 (?) (red slip).



1313 T. el-Fûl: III Fortr. *AAS* 4: 21 f., pl. 27: 18, 22, \*ca. 750-589.

1314 'Ain Shems: repository of T. 7. *APEF* 2: 81, pl. 46: 2 (?), ca. 950-700, comp. 7th or early 6th cent., *AS* V: 136. Repository of T. 8. *APEF* 2, 87, pl. 54: 13 (three Hebrew characters inscribed on wall), 18 (?), ca. 850-700, inscription, comp. Same comment. T. 8. *Ibid.*, 88, pl. 56: 8 (?), ca. 850-700, comp., inscribed seal. Same comment. *Ibid.*, pl. 57: 3 (?), same as above. Same comment. R. 380, II. *AS* III: 66 f., pl. 24: 6.5 (pale red, bright red inside and well over rim, rest pink), ca. 900-600, comp. Ci 25. *Ibid.*, 63, pl. 27: 4.3, ? Mainly IIc, ca. 825-586, *AS* V: 136.

T. Beit Mirsim: str. A. *AAS* 12: 85 f., pls. 66: 9, 61: 1, 13, ca. 800-600, seal imp., inscriptions, comp. *Ibid.*, 85 f., pl. 62: 1, 19, same as above.

T. el-Fûl: III Fortr. *AAS* 4: 21 f., pl. 27: 17, 19, \*ca. 750-589. Ts. S. slope. *PEQ* 1915: 35, 37, pl. 2: bottom center (?), ca. 600-500, Macalister. EI ii, Albright, *AAS* 12: 76.

1315 Beth-zur: ? *BZ*, pl. 9: 25, ca. 900-600, seal imp., comp.

T. Beit Mirsim: str. A. *AAS* 12: 85 f., pl. 61: 10, 63: 10, ca. 800-600, seal imp., inscriptions, comp.

T. el-Fûl: III Fortr. *AAS* 4: 22 f., pls. 27: 24, 29: 24, \*ca. 750-589.

1316 T. el-Fûl: III Fortr. *AAS* 4: 21 f., pl. 27: 23, \*ca. 750-589.

1317 'Ain Shems: T. 6. *APEF* 2, pl. 44A: 4 (?), ca. 950-700, comp. 7th or early 6th cent., *AS* V: 136. Repository of T. 8. *APEF* 2, pl. 54: 6 (?), ca. 850-700, comp., inscription. Same comment. T. 8. *Ibid.*, pl. 56: 6 (?), p. 88, ca. 850-700, comp. inscribed seal. Same comment. T. 318 (1933), str. IIb-c. *AS* IV, pl. 66: 14 (?) (reddish brown ware, very fine white grits, spiral or ring burnished inside and over rim), ca. 950-586, seals, comp.

Beth-zur: ? *BZ*, pl. 9: 11 (red surfaced and ring burnished), ca. 900-600, seal imp., comp.

T. Beit Mirsim: str. A. *AAS* 12: 85, pl. 62: 6 (?) (ring burnished), ca. 800-600, seal imp., inscriptions, comp.

T. el-Fûl: III Fortr. *AAS* 4: 21 f., pl. 27: 20, \*ca. 750-589.

1318 'Ain Shems: T. 2. *APEF* 2, pl. 37: 8 (?), ca. 950-700, comp., scarabs not studied. See note on S 1317.

T. el-Fûl: III Fortr. *AAS* 4: 21 f., pl. 27: 25, \*ca. 750-589.

1320 T. el-Fâr'ah: T. 914. *TF* II: 23, pl. 47: right center (?), XIX-XX dyn.

#### PLATE 58

1321 'Ain Shems: T. 2. *APEF* 2: 68, pl. 37: 18 (?), ca. 950-700, comp., scarabs not studied. 7th or early 6th cent., *AS* V: 136. T. 5. *APEF* 2, pl. 41: 7 (?), ca. 950-700, comp., scarabs and amulets not studied. Same comment. Repository of T. 7. *Ibid.*, pl. 46: 11 (?), ca. 950-700, comp. Same comment.

T. Jemmeh: Eb190. *Gerar*, 21, pl. 49: 16s (red pebbled), ca. 1000, amulets comp. Albright, 9th cent., *AAS* 12: 79. *CPP*, 16S, XXI dyn. Same comment.

1322 'Ain Shems: T. 5. *APEF* 2, pl. 41: 11 (?), ca. 950-700, comp., scarabs and amulets not studied. See note on S 1321.

Megiddo: T. 73. *MT*, pl. 65: 1 (lt red 2 wash), MI (1000-600). T. 47. *MT*, pl. 74: 12, same date as above. Str. IV-I. *MI*, pls. 24: 29 (brown ocher; flat base), 58: 29, 1000-350 Albright, ca. 950-ca. 450 (?), *AJA* 44: 549. Str. IV-III. *MI*, pl. 25: 63 (green brown, lt red wash on

upper inside and rim, wheel burnished; flat base), 1000-650. Albright, ca. 950-ca. 670 (?), *AJA* 44: 549.

T. Beit Mirsim: str. A. *AAS* 12: 85 f., pls. 68: 8, 61: 11, ca. 800-600, seal imp., inscriptions, comp. *Ibid.*, pl. 61: 15. Same as above.

T. El-Fûl: III Fortr. *AAS* 4: 21 f., pl. 27: 28(?), \*ca. 750-589.

1323 'Ain Shems: level II. *BS*, p. 213: below 315 (?) (brown, smaller), ca. 900-700 or 600, comp., seal from Temple not studied.

Megiddo: T. 912B. *MT*, pl. 34: 5 (?) (brown ocher 2), LB II (1400-1200). Str. IV-II. *MI*, pl. 24: 47 (yellow, lt red wash inside and over rim), 1000-600. Albright, ca. 950-609 (?), *AJA* 44: 549. Str. V. *MI*, pl. 30: 115 (brown ocher, blue black core; rim slightly everted), 1060-1000. Albright, ca. 1050-950, *AJA* 44: 548.

T. Beit Mirsim: str. A. *AAS* 12: 85 f., pls. 61: 3, 62: 8, ca. 800-600, seal imp., inscriptions, comp.

T. el-Fûl: II Fortr. *AAS* 4: 12 f., pl. 26: 26, \*ca. 750-589.

1324 T. el-Fûl: III Fortr. *AAS* 4: 22 f., pl. 29: 19, \*ca. 750-589.

1327 T. Beit Mirsim: str. A. *AAS* 12: 85 f., pl. 61: 6, 63: 9, ca. 800-600, seal imp., inscriptions, comp.

1328 T. Beit Mirsim: str. A. *AAS* 12: 85 f., pl. 63: 7 (?) (red slip, ring burnished), ca. 800-600, seal imp., inscriptions, comp.

1329 Megiddo: str. III. *MI*, pls. 27: 86 (burnt umber, blue black core; two handles), 60: 86; 780-650. Albright, ca. 733-ca. 670 (?), *AJA* 44: 549. Str. V. *MI*, pl. 31: 157 (brown green; two handles), 1060-1000. Albright, ca. 1050-950, *AJA* 44: 548.

T. el-Fûl: III Fortr. *AAS* 4: 21 f., pl. 27: 5, 13, \*ca. 750-589.

1331 Jericho: ? *J*, pl. 37: A, 51 (?), Jüdisch.

1332 Beth-zur: ? *BZ*, pl. 9: 26 (?), ca. 900-600, seal imp., comp.

1334 Megiddo: str. III. *MI*, pl. 23: 9 (yellow, wheel burnished), 780-650. Albright, 733-ca. 670 (?), *AJA* 44: 549.

1335 'Athlit: cremated burials, burial vii. *QDAP* 6: 144, fig. 8: 2 (?), ca. 700-600, comp.

Megiddo: str. V-IV. *MI*, pls. 28: 103 (yellow, lt red wash inside and over rim to shoulder, wheel and hand burnished), 60: 103, 1060-800. Albright, ca. 1050-733, *AJA* 44: 548 f.

T. Jemmeh: B 195. *Gerar*, pl. 49: 14k, ca. 800, comp. Albright, 7th cent., *AAS* 12: 79. *CPP*, 14K, XXIII dyn. Same comment.

1336 Megiddo: str. III-I. *MI*, pls. 23: 7 (brown ocher, wheel burnished; rim not inverted and shoulder less prominent), 58: 7, 780-350. Albright, 733-ca. 450 (?), *AJA* 44: 549.

Samaria: S9: 912 sub. *S* I: 279, fig. 154: 18 (drab ware), 900-700, comp.

1341 'Ain Shems: T. 3 (T. 13 of later records). *BS*, p. 125: 654 (?), p. 126, *MB*, ca. 1900, comp., amethyst bead of XII dyn., scarabs not thoroughly studied. 17th cent., *AS* V: 31, 107.

Megiddo: str. III-I. *MI*, pl. 23: 14 (yellow; flange of rim underneath), 780-350. See note on S 1336.

T. Jemmeh: CM190. *Gerar*, pl. 48: 7b, ca. 950, amulets, comp. Albright, early 9th cent., *AAS* 12: 79. *CPP*, 7H, XXII dyn. Same comment.

1342 Jericho: R. 109, level 11.53 m. *LAA* 22, pl. 28: 36, late EB ii. Chart *LAA* 23, pl. 28, indicates layer III, which Wright dates early EB iii, *PP*, chart.

**1343** T. el-Fûl: village settlement. *AAS* 4: 23, pl. 32: 14, 600-500, Père Vincent. \*Mainly Hellen.

**1344** Jericho: R. 339, layer V. *LAA* 23, pl. 38: 18 lt brown ware, lt gray core, red slip smoothed and horizontally burnished), EB ii. Wright, EB ib, *PP*, 66 and chart.

Megiddo: str. XII. *SAOC* 17, chart, 30 (similar also to 1129), 1750-1700, comp.

T. el-Fâr'ah: C397. *CPP*, 8T (Addenda below section 41), ?

**1345** Beth-shan: terrace. *B-S* III, pl. 30: 19(?) (form similar but drawing shows decoration), ?

Megiddo: T. 911 A1. *MT*, pl. 28: 9(?) (many mixed grits, permanent brown 2 core, lt red 2 wash on rim), MB ii (1800-1600). T. 911 D. *MT*, pl. 31: 9(?), same date as above. Str. XIII. *SAOC* 17, pl. 9: 18(?) (pink buff), chart, 27, 1800-1750, comp.

T. el-Ajjûl: OB1038. *TA* II, pl. 27: 4V2(?), ca. 2400, comp. Albright, possibly ca. 17th cent., *AJS* 55: 348 f.

T. Jemmeh: CY193. *Gerar*, pls. 48: 7q, 47: 9, ca. 850, comp. Albright, 7th cent., *AAS* 12: 79. *CPP*, 7Q, XXIII dyn. Same comment.

**1346** T. Jemmeh: FL190. *Gerar*, pl. 48: 7j, ca. 950, amulets, comp. Albright, early 9th cent., *AAS* 12: 79. *CPP*, 7J, XXI dyn. Same comment.

#### PLATE 59

**1354** 'Ain Shems: V, Rock between III 31, IV 55. *AS* II: 44, pl. 32: 21(?) (brown with gray core; nicely wet), MB, comp.

T. el-Ajjûl: AH. *TA* I, pl. 37: 6C1(?), possibly within 17th-15th cent. See Albright, *AJS* 55: 347 ff.

**1357** Megiddo: 4 Schicht der Nordburg. *TM* I, B, pl. 25: a(?). Str. III-II. *M* I, pls. 23: 15 (brown ocher, yellow slip; outer surface below rim wavy), 58: 15, 780-600. Albright, 733-609(?), *AJA* 44: 549.

T. Jemmeh: EY187. *Gerar*, 21, pl. 48: 7c, ca. 1100, comp. Albright, 10th. cent., *AAS* 12: 79. *CPP*, 7C, XX dyn. Same comment. (Has flanged ring base.)

**1359** Samaria: surface of field on S. slope, between street of Columns and Herodian wall. *S* I: 281, fig. 156: 18a (red ware, black core, red wash and pebble burnished all over; inscribed), 900-700, comp.

**1362** T. el-Fâr'ah: C387 and T. 542. *CPP*, 22H2, XIX dyn. Albright and Starkey, T. 542 of 12th cent., *AJA* 36: 300, *TF* II: 31.

T. Jemmeh: GA185. *Gerar*, pl. 51: 28k, ca. 1200, scarab, comp. Albright, 10th cent., *AAS* 12: 79. *CPP*, 28K1, XX dyn. Same comment.

**1363** 'Ain Shems: ? *AS* II, pl. 31: 31, ?

T. el-Fâr'ah: T. 231, cemetery 600. *CPP*, 22H2(?), XXII dyn.

**1364** Megiddo: str. XII. *SAOC* 17, pl. 8: 23 (brown gray cooking bowl ware, numerous calcite grits), chart, 20, 1750-1700, comp.

**1369** 'Ain Shems: R. 30, IV(?). *AS* II: 45, pl. 32: 46(?) (lt brown; slip, red line over rim), LB(?).

**1375** Megiddo: str. III. *M* I, pls. 25: 60 (brown ocher), 59: 60, 780-650. Albright, 733-ca. 670(?), *AJA* 44: 549.

#### PLATE 60

**1379** 'Ain Shems: R. 377 (1933), str. IIB. *AS* IV, pl. 43: 31(?), 950-825.

T. Beit Mirsim: str. B. *AAS* 12: 73, pl. 25: 1(?), 16(?), ca. 1230-920, comp.

**1381** Beth-zure: ? *BZ*, fig. 31: left 2d from bottom(?), ca. 1200-1050, scarab, comp.

Megiddo: str. III-II. *M* I, pls. 24: 36(?) (yellow, lt red wash inside and over rim, wheel burnished), 58: 36, 780-600. Albright, 733-609(?), *AJA* 44: 549.

T. el-Fûl: I or II Fortr. *AAS* 4: 14, pl. 30: 16, \*L 11th-E 10th cent.

**1387** 'Ain Shems: III 44. *AS* II: 46, pl. 32: 78(?), ca. 1200-900, comp.

T. el-Fûl: I or II Fortr. *AAS* 4: 14, pl. 30: 15, \*L 11th-E 10th cent.

**1392** 'Ain Shems: T. 1 (T. 11 of later records). *BS*, p. 195: 220(?) (brown, hematite slip and painted decoration inside), 180, ca. 1275-1150, comp., scarabs not studied. Ca. 1350-1150, *AAS*, 12: 41 and *AS* V: 32, 109.

T. Beit Mirsim: E. Cave (str. B). *AAS* 12: 68, pls. 51: 13(?) (chordal line burnishing), 23: 4, ca. 1230-920, comp.

**1393** T. Beit Mirsim: str. B<sub>3</sub>. *AAS* 12: 68, pl. 27: 42(?), ca. 1000-920, comp.

**1394** 'Ain Shems: area U30 (1930), str. IIA. *AS* IV, pl. 63: 17(?) (brown ware, gray core, burnished red slip inside and to shoulder outside), ca. 1000-950, comp.

**1396** 'Ain Shems: locus ? (1929), str. IIA. *AS* IV, pl. 63: 16 (burnished red slip inside and outside to shoulder), ca. 1000-950, comp.

**1398** 'Ain Shems: str. IIA locus (1929). *AS* IV, pl. 63: 19 (red slip), ca. 1000-950, comp.

**1402** Jericho: T. 5. *LAA* 20, pl. 23: 2 (drab ware; no handle), ca. 1450, scarabs, comp. Ca. 15th-14th cent., *AS* V: 114, 115.

Megiddo: T. 221 B. *MT*, pl. 71: 6 (no handle), EI i (1200-1100).

T. Beit Mirsim: str. B. *AAS* 12: 70, pl. 51: 17(?) (chordal line burnishing; smaller), ca. 1230-920, comp.

T. el-Fâr'ah: T. 542. *TF* I: 9, pl. 25: bottom right, ca. 1320, scarabs. Albright and Starkey, ca. 1200-1160, and probably later, *AJA* 36: 300, *TF* II: 31.

T. el-Fûl: I and II Fortr. *AAS* 4: 13, pl. 29: 4(?), \*L 11th-E 10th cent.

T. el-Hesi: cemetery 7. *TH*, 44, pl. 7: 119(?), ca. 900-1000 or possibly pre-Israelite, comp. Petrie says dates under-rated rather than over-rated, p. 45.

#### PLATE 61

**1403** 'Ain Shems: R. 461 (1933), str. III. *AS* IV, pl. 62: 16 (reddish brown ware, gray core), ca. 1200-1000, comp.

**1408** T. el-Fâr'ah: T. 229. *TF* I: 13, pl. 39: 18L1, XXI or XXII dyn. (text implies XXI dyn., Solomonic, plate reads XXII). Of a series dated between 11th and 9th cent., *AS* V: 133. *CPP*, 18G2, XXI dyn. Same comment.

**1413** 'Ain Shems: from large silo in W31 (1933), str. IIB. *AS* IV, pl. 66: 28 (rim fragment only; reddish brown ware, no evidence of slip or burnishing), ca. 950-825 comp.

**1419** 'Ain Shems: from large silo in area W31 (1933), IIB. *AS* IV, pl. 66: 21 (grayish brown ware, white grits, hard baked), ca. 950-825, comp.

T. Beit Mirsim: str. B. *AAS* 12: 70, pls. 50: 8(?), 23: 5(?), ca. 1230-920, comp.

T. Jemmeh: HD 184, JB177, FR 186. *Gerar*, 21, pl. 51: 28b (drab, or red rough), ca. 1500-1150, scarabs, comp. Albright, 1 and 3 are of 10th cent. and 2 possibly ca. 12th

cent., *AAS* 12: 42, 79. *CPP*, 28B1, XVIII and XX dyn. Same comment.

**1421** T. Beit Mirsim: str. A. *AAS* 12: 85 f., pl. 60: 13 (?), *ca.* 800-600, seal imp., inscriptions, comp.

**1424** 'Ain Shems: from large silo in area W31 (1933), IIb. *AS* IV, pl. 66: 24 (rim fragment only; grayish brown ware, white grits, hard baked), *ca.* 950-825, comp.

#### PLATE 62

**1425** 'Ain Shems: X32, II. *AS* II: 25, pl. 31: 22 (brown with pink gray surface), *ca.* 900-600, comp. R. 347 (1933), str. II. *AS* IV, pl. 64: 11 (lt brown ware, fine gray grits, red slip inside and outside to lower attachment of handle), *ca.* 1000-586, seals, comp.

**1427** 'Ain Shems: R. 304 (1933), str. IIb-c. *AS* IV, pl. 64: 9 (rich brown ware, few grits, red slip on both sides. Pl. 64: 14 also similar), *ca.* 950-586, seals, scarabs.

Beth-zur: ? BZ, pl. 9: 21 (rim fragment), *ca.* 900-600, seal imp., comp.

Jerusalem: Bishop Gobat School. *PEQ* 1935: 142, 143, pl. 6: 8, *ca.* 900-600, comp.

T. Beit Mirsim: str. A. *AAS* 12: 85 f., pl. 60: 3, *ca.* 800-600, seal imp., inscriptions, comp.

**1428** 'Ain Shems: U29, near foot V29 sub II. *AS* II: 45, pl. 32: 63, *ca.* 1200-900, comp. Possibly between 1000 and 825, *AS* V: 15. R. 317 (?), II. *AS* III, fig. 5: 4-22 (smaller), *ca.* 900-600, comp. R. 318 (1933), str. IIa-b. *AS* IV, pl. 64: 16 (rich brown ware, few grits, red slip and irregular horizontal burnishing both inside and outside. Pl. 64: 8, 15 are rim fragments of similar shape), *ca.* 1000-825, comp.

Beth-zur: ? BZ, pl. 9: 15, 17, 24 (rim fragments except 15 which has handle also), *ca.* 900-600, seal imp., comp.

Megiddo: str. III-II. M I, pl. 23: 18 (burnt umber, wheel burnished inside and over rim, no handles), 780-600. Albright, 733-609 (?), *AJA* 44: 549.

T. Beit Mirsim: str. A. *AAS* 12: 85 f., pls. 60: 2, 34: 12 (?), *ca.* 800-600, seal imp., inscriptions, comp.

T. el-Fûl: III Fortr. *AAS* 4: 21 f., pl. 27: 4 (?), 7 (?), \**ca.* 750-589.

T. el-Hesi: 314 NE, 300 NE. *TH*, 48, pl. 9: 204, 800-600, comp. Bliss, one or two cent. earlier, *MMC*, pl. 2.

**1429** 'Ain Shems: T. 29. *AS* II: 42, pl. 31: 17 (brown with black and white grits, wet smoothed), ?

T. Beit Mirsim: str. A. *AAS* 12: 85, pl. 60: 10 (also similar to 1430, 1431), *ca.* 800-600, seal imp., inscriptions, comp.

**1431** Beth-zur: ? BZ, pl. 9: 22 (rim fragments), *ca.* 900-600, seal imp., comp.

T. el-Fûl: III Fortr. *AAS* 4: 21 f., pl. 27: 9 (?), \**ca.* 750-589.

**1432** T. Beit Mirsim: str. A. *AAS* 12: 85 f., pl. 60: 11, *ca.* 800-600, seal imp., inscriptions, comp.

**1433** T. Beit Mirsim: str. A. *AAS* 12: 85 f., pl. 60: 7 (?) (four handles, unburnished), *ca.* 800-600, seal imp., inscriptions, comp.

**1434** 'Ain Shems: large silo in W31 (1933), IIb. *AS* 4, pl. 66: 22 (shoulder lower and less sharp, handle has slight groove on top; grayish brown), *ca.* 950-825, comp.

**1435** T. Beit Mirsim: R. SE 23B-<sub>8</sub>. *AAS* 12: 67, pls. 50: 7, 23: 6 (?), *ca.* 950-920, comp.

#### PLATE 63

**1436** T. el-Hesi: 330 SE. *TH*, 44, pl. 7: 122 (?), 650, comp. Bliss dates this level as late as 400, *MMC*, pl. 2 and p. 121 f.

'Ain Shems: R. 445 (1933), str. III. *AS* 4, pl. 61: 12 (rim fragment; dark brown ware, gray core, few grits), *ca.* 1200-1000, comp.

**1437** T. el-Fûl: III Fortr. *AAS* 4: 21 f., pl. 27: 1, 2, 27 (?), \**ca.* 750-589.

**1438** T. Beit Mirsim: str. A. *AAS* 12: 85 f., pl. 60: 9 (four handles, ring burnished), *ca.* 800-600, seal imp., inscriptions, comp.

**1439** 'Ain Shems: III 75. *AS* II: 28, pl. 32: 53 (?) (pink, well baked; wet smoothed; 2 handles and disk base), *ca.* 1200-900, comp. Possibly *ca.* 1000-950, *AS* V: 15. Area Q32 (1930), str. 4. *AS* IV, pl. 58: 36 (?) (rim, wall, and base fragment, no handles; "typical LB ware"), *ca.* 1500-1200, scarabs, comp.

Beth-zur: ? BZ, pl. 9: 16 (rim fragment), *ca.* 900-600, seal imp., comp.

**1442** 'Athlîl: cremated burials, burial X. *QDAP* 6: 145, fig. 10: 1 (coarse gray ware, smoothed), *ca.* 700-600, comp.

Megiddo: str. IV-III. M I, pl. 25: 69 (green yellow, lt red wash, irregularly burnished), 1000-650. Albright, *ca.* 950-*ca.* 670 (?), *AJA* 44: 549.

**1446** T. el-Fûl: I and II Fortr. *AAS* 4: 13, pl. 29: 14, \*L 11th-E 10th cent.

**1450** Samaria: at the Basilica. S I: 284, fig. 161: 15, 900-700, comp.

**1452** T. el-Fûl: III Fortr. *AAS* 4: 22 f., pl. 29: 22, \**ca.* 750-589.

**1456** Megiddo: str. IV-II. M I, pls. 24: 32 (brown ocher, lt red wash, wheel burnished), 58: 32, 1000-600. Albright, *ca.* 950-609 (?), *AJA* 44: 549.

#### PLATE 64

**1469** 'Ain Shems: III 124. *AS* II, pl. 33: 5 (?) (sandy, lt brown, cream slip, dark brown spirals between bands of lt red brown, separated by two wriggly lines of the same color), *ca.* 1200-900.

#### CRATERS

**1471** T. Jemmeh: Ef 183. *Gerar*, 21, pl. 52: 32b (red pebbled), *ca.* 1200, scarab, comp. Albright, 10th cent., *AAS* 12: 79.

**1472** 'Ain Shems: T. 30, IV. *AS* II: 40, pl. 30: 38, *ca.* 1600?-1200, comp. Possibly *ca.* 1200-1000, *AS* V: 15. R. 453 (1933), str. III. *AS* IV, pl. 61: 11 (rim fragment), *ca.* 1200-1000, comp. R. 473 (1933), str. III. *Ibid.*, pl. 60: 26 (rim differs slightly, two handles; red ware), *ca.* 1200-1000, comp. R. 494 (1933), str. IV. *Ibid.*, pl. 32: 2 (?), *ca.* 1500-1200, scarabs, comp.

#### PLATE 65

**1473** Beth-shan: R. 1105 (below floor), Amenophis III level. B-S II, ii: 6, 22, pl. 42: 17 (?), 1411-1375, inscriptions, scarabs, etc. Albright, 13th cent., *AAS* 17: 76 f.

**1474** Megiddo: T. 1101C. *MT*, pl. 9: 1, EI i (1200-1100). T. 221B. *MT*, pls. 70: 13, 169: 9, EI i (1200-1100). Str. V. M I, pls. 32: 167 (yellow, large lt grits, blue black core; many handled and top of rim on horizontal plane), 62: 167, 1060-1000. Albright, *ca.* 1050-950, *AJA* 44: 548.

**1475** 'Ain Shems: R. 441 (1933), str. III. *AS* IV, pl. 39: 9 (?) (rim fragment; lt brown surfaces, gray core, hard; a few small and med white grits), *ca.* 1200-1000, comp.

**1476** 'Ain Shems: near peg Z32. *AS* II: 40, pl. 30: 15, ? R. 423 (1933), str. III. *AS* IV, pls. 61: 14 (rim fragment), 39: 11, *ca.* 1200-1000, comp. Below

foundation of R. 318 (1933), str. III. *AS* IV, pl. 39: 8 (?) (rim fragment), *ca.* 1200-1000, comp. R. 498 (1933), str. IV. *AS* IV, pl. 32: 1 (?), *ca.* 1500-1200, scarabs, comp. R. 480 (1933), str. IVb. *AS* IV, pl. 29: 1 (?) (reddish brown; many white and gray large and small grits; red painted band on rim, cross-hatched squares below rim outside), *ca.* 1425-1200, scarabs, comp.

1477 Megiddo: str. IV-II. *M* I, pls. 28: 92 (brown ocher, traces of lt red wash inside and over rim), 60: 92, 1000-600. Albright, *ca.* 950-609 (?), *AJA* 44: 549.

1478 'Ain Shems: IV 103, X32. *AS* II: 40, pl. 30: 35 (?) (lt brown; red brown slip, burnished vertically), *ca.* 1600?-1200, comp. Possibly *ca.* 1200-1000, *AS* V: 15. Near steps to trench N., 3 m. deep. *AS* II, 64, pl. 40: 21, ? Below foundations of R. 339, IV. *AS* IV, pl. 58: 25 (top of rim more rounded, slip smoothed), *ca.* 1500-1200, scarabs, comp.

Beth-shan: R. 1028 (near floor), early Seti I level. *B-S* II, ii: 28, pl. 45: 10 (has painted decoration outside), 1313-1292, inscriptions, scarabs, etc. Albright, mainly 12th cent., *AAS* 17: 76 f.

Megiddo: T. 221B. *MT*, pls. 70: 14 (smaller), 169: 10, EI i (1200-1100). T. 1101B, Upper. *MT*, pl. 87: 7, EI i (1200-1100). Str. V-I. *M* I, pls. 29: 112 (brown ocher, occ. large grits, lt red wash inside and over rim to shoulder, spaced wheel burnished inside; ware tends to be harder in str. II-I), 61: 112, 1060-350. Albright, *ca.* 1050-*ca.* 450 (?), *AJA* 44: 548 f.

T. el-'Ajjûl: LZ20-895. *TA* III, pl. 33: 33B3 (?), ? About 17th-16th cent., Albright, *AJS* 55: 347 f.

T. el-Fār'ah: level 372. *TF* II, pl. 83: 28H1 (in general similar, rim outline slightly different), XX dyn.

1480 Megiddo: str. V-III. *M* I, pls. 28: 91 (only two handles), 60: 90, 1060-650. Albright, *ca.* 1050-*ca.* 670 (?), *AJA* 44: 548 f.

T. Jemmeh: CJ 186. *Gerar*, 21, pl. 51: 28g (greenish drab, 20 handles), *ca.* 1150, comp. Albright, middle of 10th cent., *AAS* 12: 79. *CPP*, 28G, XX dyn. Same comment.

1482 'Ain Shems: R. 424 (1933), str. III. *AS* IV, pl. 61: 10 (rim fragment; dark brown, gray core), *ca.* 1200-1000, comp.

1483. 'Ain Shems: III 71. *AS* II: 27, pl. 33: 24 (?) (brown, handleless), *ca.* 1200-900, comp. Possibly *ca.* 1000-950, *AS* V: 15.

1484 Megiddo: str. III. *M* I, pl. 27: 87 (brown ocher, burnished inside, and over rim), 780-650. Albright, 733-*ca.* 670 (?), *AJA* 44: 549.

1486 Megiddo: T. 63D. *MT*, pl. 61: 14, EI i (1200-1000). T. 39. *MT*, pl. 68: 12 (?), same date as above.

T. eš-Šāfi: ? *EP*, 89, 86, pl. 35: 6 (?), 1500-750, comp.

#### PLATE 66

1488 T. el-Fār'ah: level 388b. *CPP*, 42A (rim outline smoother and with external flange), XXIII dyn.

1492 T. Jemmeh: (HR188). *Gerar*, pl. 54: 42, *ca.* 1050, amulets, comp. Albright, *ca.* 900, *AAS* 12: 79. *CPP*, 42D, XXI dyn. Same comment.

1493 Megiddo: T. 1. *MT*, pl. 55: 5 (base lacking; rim more plain), LB ii (*ca.* 1400-1200).

1496 (See *BZ*, fig. 38, for similar material.)

1498 Jericho: ? *J*, fig. 172: h, 2 (two rows of impressions), Jüdisch. (See *BZ*, fig. 38, for similar material.)

1502 T. Jemmeh: AX200. *Gerar*, pl. 51: 28v, *ca.* 600, comp. Albright, 6th cent., *AAS* 12: 79. *CPP*, 29V, XXVI dyn. Same comment.

1504 T. Beit Mirsim: str. H. *AAS* 13: 64, pl. 3: 1 (?) (rim less rounded), *ca.* 2100-1900, comp.

1508 Megiddo: str. I. *M* I, pls. 13: 66, 51: 66, 600-350. Albright, *ca.* 600-*ca.* 450 (?), *AJA* 44: 549.

#### PLATE 67

1510 Jericho: ? *J*, fig. 172: H, 3 (?), Jüdisch.

1511 Jericho: ? *J*, fig. 172: H, 1d (impressions on top of rim), Jüdisch.

1519 Samaria: Ci 7-S1. *S* I: 290, fig. 168: 10, 600-400, Aramaic ostraca, comp.

1522 T. el-Fār'ah: T. 263. *CPP*, 33c (?) (two handled), ?

1527 Samaria: Ci 7-S1. *S* I: 290, fig. 168: 9d, 600-400, Aramaic ostraca, comp.

T. Jemmeh: CN 196, EF 190. *Gerar*, 21, pl. 51: 28s, *ca.* 1000-750, amulets, comp. Albright, *ca.* 900-650, *AAS* 12: 79. CN 196, FF 190. *CPP*, 28s, XXI, XXIII dyn. Same comment.

1529 Megiddo: str. V. *M* I, pl. 32: 160 (seem closest but others on this plate have similarities), *ca.* 1050-1000. Albright, *ca.* 1050-950, *AJA* 44: 548.

#### PLATES

##### PLATE 68

1540 Jericho: ? *J*, pl. 36: A, 48a (?), Jüdisch.

1542 'Ain Shems: R. 314, II. *AS* III: 80, pl. 26: 2, 4, *ca.* 900-600, comp. Silo in R. 515 (1933), IV. *AS* IV, pl. 32: 17 (body fragment), *ca.* 1500-1200, scarabs, comp. Megiddo: str. II. *M* I, pls. 24: 26 (deeper), 58: 26, 650-600. Albright, *ca.* 670 (?) - 609 (?), *AJA* 44: 549.

1543 'Ain Shems: R. 448 (1933), III, area W27 (1929), III. *AS* IV, pl. 39: 14 (body fragment), 15 (same), *ca.* 1200-1000, comp.

Megiddo: Südlichen Burgtor. *TM* I, B, pl. 22: B bottom left (?), ?

Str. V-IV. *M* I, pls. 28: 104, 60: 104, 1060-800. Albright, *ca.* 1050-733, *AJA* 44: 548 f. Str. V. *M* I, pls. 31: 152 (deeper and rim less rounded), 62: 152, 1060-1000. Albright, *ca.* 1050-950, *AJA* 44: 548.

1544 Jericho: ? *J*, pl. 36: A, 49, Jüdisch.

1545 'Ain Shems: Silo in R. 515 (1933), str. IV. *AS* IV, pl. 32: 18 (?) (rim fragment, no imp. showing), *ca.* 1500-1200, scarabs, comp.

Megiddo: str. IV-III. *M* I, pl. 24: 27 (varies somewhat), 1000-600. Albright, *ca.* 950-*ca.* 670 (?), *AJA* 44: 549.

1549 'Athlît: cremated burials, burial iv a. *QDAP* 6: 142, fig. 6: 5, *ca.* 700-600, comp.

Beth-shan: R. 1086, Amenophis III level. *B-S* II, ii: 5, 19, pl. 41: 2 (reddish ware; red wash on interior), 1411-1375, inscriptions, scarabs, etc. Albright, 13th cent., *AAS* 17: 76 f.

Beth-zur: ? *BZ*, pl. 13: 4, *ca.* 500-100, coins, seal imp., comp.

Megiddo: T. 912 D. *MT*, pl. 36: 2, LB ii (1400-1200). Str. IV-II. *M* I, pls. 24: 40, 58: 40, 1000-600. Albright, *ca.* 950-609 (?), *AJA* 44: 549.

Samaria: at Basilica. *S* I: 284, fig. 161: 19, 900-700, comp.

T. el-Fûl: tombs. *PEQ* 1915: 35, 37, pl. 2 (top, right of center) (?), *ca.* 600-500, Macalister. EI ii, Albright, *AAS* 12: 76.

T. Jemmeh: JB178. *Gerar*, pl. 48: 6e, *ca.* 1500, scarab, cutting out knife. Albright, possibly *ca.* 12th or 11th cent., *AAS* 12: 42, 79. *CPP*, 6E, XVIII dyn. Same comment.

1550 T. el-Fûl: III Fortr. *AS* 4: 21 f., pl. 26: 29, \*ca. 750-589.

T. Jemmeh: B201. *Gerar*, pl. 48: 2u (?), ca. 600, comp. Albright, apparently ca. 6th cent., *AAS* 12: 79. See also *AS* V: 141 and note 31. *CPP*, 2U, XXVI dyn. See comment.

1551 'Ain Shems: repository of T. 2. *APEF* 2, pl. 33: 24 (?), ca. 950-700, comp., scarabs not studied. 7th or early 6th cent., *AS* V: 136. T. 8. *APEF* 2, pl. 57: 1 (?), ca. 850-700, comp., inscribed seal. Same comment. Repository of T. 8. *Ibid.*, pl. 54: 8 (?), ca. 850-700, comp., inscription. Same comment.

Samaria: S4-404 sub. *S* I: 278, fig. 154: 1 (smaller; brown or drab ware), 900-700, comp.

1552 'Ain Shems: front of T. 16. *AS* II: 46, pl. 32: 86, ?

Beth-zur: ? *BZ*, pl. 13: 6, ca. 500-100, coins, seal imp., comp.

Jericho. ? *J*, pl. 37: A, 56, Jüdisch.

1555 T. el-Hesî: 314 NE. *TH*, pl. 9: 218, 600, comp. Bliss, ca. 800, *MMC*, pl. 2.

1559 'Ain Shems: repository of T. 2. *APEF* 2, pl. 33: 13 (?), ca. 950-700, comp., scarabs not studied. 8th cent. and slightly earlier, *AS* V: 136. T. 5. *APEF* 2, pl. 41: 12 (?), ca. 950-700, comp., scarabs and amulets not studied. 7th or early 6th cent., *AS* V: 136. Repository of T. 7. *APEF* 2, pl. 46: 4 (?), ca. 950-700, comp. Same comment. T. 8. *Ibid.*, 88, pl. 56: 10 (?), ca. 850-700, comp., inscribed seal. Same comment.

Jericho. ? *J*, pl. 38: D, 12, Jüdisch.

T. Beit Mirsim: str. A. *AAS* 12: 85 f., pl. 65: 28, ca. 800-600, seal imp., inscriptions, comp.

1561 T. Abû Hawam: at 2 in D, E6, str. II. *QDAP* 4: 15, fig. 7 (rim more rounded), late 6th early 4th cent., comp.

1564 Samaria: S9-1001. *S* I: 297, fig. 174: 42 (similar shape but of red paste with dull black glaze, sometimes burnt to a brown or red, or unevenly burnt. In this case dark red), 700-300, comp.

1566 T. el-Fâr'ah: level 390. *CPP*, 2N10 (?) (rim turned down), XXVI dyn.

1567 Beth-shan: debris below Byzantine level on summit. *B-S* III: 33, 36, 39, pl. 34: 22 (?) (buff ware, red glaze), Hellen.-Rom., comp.

Samaria: S trench E. *S* I: 306, fig. 185: 4a (red glazed paste), 300-50, comp.

## CHALICES

### PLATE 69

1570 Megiddo: surface and str. V. *M* I, pls. 33: 15, 17, 63: 15, 17 (similar in having fringe of knobs below the rim), ? and ca. 1050-1000. Albright dates str. V, ca. 1050-950, *AJA* 44: 548.

1571 T. Beit Mirsim: Si 2, B<sub>2</sub>. *AAS* 12: 63, pl. 28: 5 (base fragment), 1150-1100.

T. el-Fâr'ah: 373.10, Ts. 542, 615. *CPP*, 17, E4 (?), XIX dyn. Albright dates T. 542 to 12th cent., *AJA* 36: 300.

T. Jemmeh: ? *Gerar*, pl. 49: 17 1 (not painted and deeper), ? *CPP*, 17B8, ?

1572 'Ain Shems: R. 317, str. IIa, b. *AS* V, pl. 64: 41 (base), ca. 1000-825.

1573 'Ain Shems: B. H. east '30. *AS* II: 54, pl. 36: 26 (lt brown with gray core, pinkish brown surface; not painted), ?

1574 'Ain Shems: II 60. *AS* II: 54, pl. 36: 33 (?) (red; rag smoothed), ca. 900-600, comp.

Beth-shan: E. of Temple area, Rameses II level. *B-S* II, ii: 14, 37, pl. 49: 20 (dark brown. Considered another contact with T. 1 at 'Ain Shems), 1292-1000, inscriptions, scarabs, etc. Albright, 12th to 10th cent., *AAS* 17: 76 f.

Megiddo: Palastwohnung. *TM* I, fig. 154 (?), ca. 1000. May dates Schumacher's "palace" of 5th level to their IV (Solomonic), *OIP* 26, opposite pl. 31, ca. 1000-800. Albright dates str. IV, ca. 950-733, *AJA* 44: 549.

1575 'Ain Shems: V29, III. *AS* II: 54, pl. 36: 18 (?), ca. 1200-900, comp. Possibly ca. 1000-950, *AS* V: 15. R. 306, below foundations (1933), III. *AS* IV, pl. 61: 45 (bowl; rim slightly more flaring), ca. 1200-1000, comp.

T. el-Fâr'ah. *CPP*, 17D (bowl; deeper and narrower), ?

1576 'Ain Shems: V27 (?). *AS* II: 54, pl. 36: 8 (base), ? R. 317, II. *AS* III: 78, fig. 6: 3-77 (base), ca. 900-600, comp. R. 459, III. *AS* III: 49, pl. 23: 2.1 (?), ca. 1200-900, comp. Possibly ca. 1000-950, *AS* V: 15. Below foundation R. 388 (1933), III. *AS* IV, pl. 61: 50 (base), ca. 1200-1000, comp.

Megiddo: grave A. *TM* I, fig. 246: e (?), ? EI, Engberg, *OIP* 26: 37 and legend pl. 41: L.

1577 'Ain Shems: level II, 36. *BS*, p. 211: upper left (dark brown), ca. 900-700 or 600, comp., seal from Temple not studied.

Beth-zur: ? *BZ*, pl. 7: 3 (bowl slightly deeper), fig. 29: row 5, no. 1, ca. 1200-1050, comp.

Jericho. ? *J*, fig. 120, A, 12 (base), Israelitisch.

Megiddo: T. 39. *MT*, pls. 68: 20 (?), 164: 11, EI i (1200-1100).

T. Beit Mirsim: str. B. *AAS* 12: 73, pl. 25: 2 (?) (base), ca. 1230-920, comp.

T. el-Fâr'ah: 100 cemetery. *CPP*, 17E, ?

1578 Jericho. ? *J*, fig. 159: E, 10a, Jüdisch.

Megiddo: T. 221 B. *MT*, pls. 71: 17, 169: 15, EI i (1200-1100).

1579 Megiddo: str. IV-III. *M* I, ch 9 (?), pl. 33, 63, 1000-650. Albright, ca. 950-ca. 670 (?), *AJA* 44: 549.

1580 T. Beit Mirsim: str. B. *AAS* 12: 73, pl. 24: 25 (?), 1 (?), ca. 1230-920, comp.

T. el-Fâr'ah: BA387, BJ389. *CPP*, 17N5, XXII dyn.

T. Jemmeh: FG189, ER189. *Gerar*, 22, pl. 61: 92c (base), ca. 1000, amulets, comp. Albright, early 9th cent., *AAS* 12: 79. *CPP*, 92C (?) (between sections 17 and 18), XXI dyn.

1581 Megiddo: IV-III. *M* I, ch 11 and 12, pl. 33, 63 (similar in having deep bowls), 1000-650.

1582 'Ain Shems: T30, IV. *AS* II: 52, pl. 35: 14, LB, comp. Possibly ca. 1200-1000, *AS* V: 15.

Beth-zur: ? *BZ*, pl. 7: 1, fig. 29: row 2, no. 1, ca. 1200-1050, comp.

1583 'Ain Shems: ? *APEF* 2: 47, pl. 21: 3 (?), ? II 60. *AS* II: 54, pl. 36: 32, ca. 900-600, comp. R. 316 (1933), str. IIa. *AS* IV, pl. 62: 48 (rim is broader), ca. 1000-950, comp.

Ed-Dāherīyeh: tomb. *QDAP* 4, pl. 62: fig. 3 top no. 3, ca. 1000-900. Probably 9th cent., *AS* V: 137.

Megiddo: ? *TM* II, fig. 76 (?), ? T. 63E. *MT*, pl. 62: 10, EI (1200-1000). T. 76A. *MT*, pls. 74: 25, 172: 15, EI ii (1100-1000). Str. V. *M* I, pls. 33: 20, 63: 20, 1060-1000. Albright, ca. 1050-950, *AJA* 44: 548. Str. VI. *SAOC* 17, chart, 15 (pedestal has pronounced ridge. Shipton intimates that form with more or less straight pedestal base is earlier), pp. 5, 7, 1170-1100, comp.

T. ej-Judeideh: ? *EP*, 104, pl. 53: 1 (authors say type belongs to late pre-Israelite times), 750-ca. 350 (see above note), seal imp., comp.

T. Jemmeh: GN185. *Gerar*, pl. 49: 17e, ca. 1200,



scarab, comp. Albright, 10th cent., *AAS* 12: 79. *CPP*, 17C8, XX dyn. Same comment.

**1584** 'Ain Shems: ? *APEF* 2: 47, pl. 21: 6 (?), ? Level II, near wall inside. *BS*, p. 209: 9 (red brown, traces of fire), p. 206, *ca.* 900-700 or 600, comp., seal from Temple not studied.

T. Jemmeh: WJ184 (stratification not reliable). *Gerar*, 22, pl. 62: lower right, *ca.* 1200, scarab, comp. Albright, possible 10th cent., *AAS* 12: 79. *CPP*, 17N. Same comment.

**1585** 'Ain Shems: R. 39. *BS*, p. 211: left of 366 (dark brown), ? R. 459 (1933), str. III. *AS* IV, pl. 59: 26 (varies slightly; has some similarity to 1586), *ca.* 1200-1000, comp.

Jericho: ? *J*, pl. 36: A, 47d (?), Jüdisch.

T. Beit Mirsim: cellar SE 23 B-8. *AAS* 12: 67, pl. 27: 4 (?), 950-900.

**1586** 'Ain Shems: ? *APEF* 2: 47, pl. 21: 4, 51 (?), ? T. 1. *Ibid.*, 54, pl. 22: 10 (?), *ca.* 1300-950, comp., scarabs and amulets not studied. Late 10th-early 9th cent., *AS* V: 136. *APEF* 1, fig. 15: 4 (?), material considered mostly LB II. Same comment. Level II, near wall inside. *BS*, p. 209: 10 (brown), p. 206, *ca.* 900-700 or 600, comp., seal from Temple not studied. R. 317, II. *AS* III, fig. 6: 3-57, pls. 25: 23, 29: 74 (pl. 29: 74 shows complete vessel while others are of bowl only), p. 78, *ca.* 900-600, comp. (See below.) R. 316 (1933), str. IIa. *AS* IV, pls. 62: 49 (shape varies slightly), 41: 24, *ca.* 1000-950, comp. R. 317 (1933), str. IIa-b. *Ibid.*, pl. 64: 34, *ca.* 1000-825, comp. R. 313, str. IIa-b. *Ibid.*, pl. 64: 38, *ca.* 1000-825, comp. Ci 25, str. IIc. *Ibid.*, pl. 67: 3 (more roughly formed), *ca.* 825-586, comp.

Ed-Dāherīyeh: tomb. *QDAP* 4, pl. 61: fig. 1 top no. 2, *ca.* 1000-900, comp. Probably 9th cent., *AS* V: 137.

Jericho: ? *J*, fig. 161: F, 1a (?), Jüdisch. — *J*, pl. 36: A, 47b, Jüdisch.

T. el-Fār'ah: T. 240. *TF* I: 13, pl. 38: 17G2, XXII dyn., comp. *CPP*, 17F2, XXII dyn. T. 104. *CPP*, 17F4, XXI dyn.

T. Jemmeh: Ee189. *Gerar*, pl. 49: 17g (?), *ca.* 1000, amulets, comp. Albright, early 9th cent., *AAS* 12: 79. *CPP*, 17C4 (?), XXI dyn. Same comment.

**1587** 'Ain Shems: W28, IV 62. *AS* II: 52, pl. 35: 17 (lt brown with gray core; red slip), LB, comp. Possibly *ca.* 1200-1000, *AS* V: 15.

**1588** 'Ain Shems: X32, IV. *AS* II: 52, pl. 35: 18, LB, comp. See note on 1587.

## ROUND BASE LAMPS

### PLATE 70

**1593** Samaria: S9-913 sub. *S* I: 279, 318, fig. 187: 6a(?), 900-700, comp. *S* II, pl. 64: j, 900-700, comp.

**1594** Beth-zur: ? *BZ*, pl. 7: 14, *ca.* 1200-1050, scarabs, comp.

Megiddo: Grabkammer II. *TM* II, fig. 3: 20-22 (?). T. 1145 B. *MT*, pl. 52: 5, LB i (1600-1400).

**1595** 'Ain Shems: E. grotto. *APEF* 2: 46 f., pl. 20: 5 (?), *ca.* 1500-1300, comp., alabaster chalice. *Ca.* 1425-1200, *AS* V: 111. *APEF* 1: 69, fig. 15: 20 (?), same as above. Same comment. T. 1. *Ibid.*, 69, fig. 15: 2 (?), material considered mostly LB ii. Late 10th and early 9th cent., *AS* V: 136. *APEF* 2: 58, pl. 22: 22 (?), *ca.* 1300-950, comp., scarabs and amulets not studied. Same comment. *Ibid.*, 58 f., pl. 25: 2 (?), same as above. Same comment. T. 1 (T. 11 of later records). *BS*, p. 171: 3

left center (?), *ca.* 1275-1150, comp., scarab not studied. *Ca.* 1350-1150, *AAS* 12: 41, *AS* V: 32, 109. R. 317, II. *AS* III: 78, pl. 29: 2.3 (?), *ca.* 900-600 (EI pottery found in this room also), comp.

Beth-zur: ? *BZ*, fig. 26: bottom left (?), *ca.* 1400-1200, comp.

Jericho: T. 4, layer a. *LAA* 20, pl. 10: 3 (drab ware; beveled rim has inward slope, and sides of spout almost parallel), *ca.* 1450-1400, scarabs, comp. *LAA* 21: 114, fig. 1: 1, *ca.* 1400.

Megiddo: T. 911 D. *MT*, pls. 32: 3, 121: 8, MB ii (1800-1600). T. 78. *MT*, pl. 42: 19, LB i (1600-1400). T. 855. *MT*, pl. 44: 5 (?), LB i (1600-1400). T. 1090 C. *MT*, pls. 73: 14 (?), 170: 15, EI i (1200-1100).

T. Abū Hawam: str. IV and V. *QDAP* 3, pl. 22: 26 (?), *ca.* 1400-1200, comp. 51, D6, 7, last phase of V. *QDAP* 4: 35 f., fig. 227, *ca.* 1400-1230.

T. Beit Mirsim: str. C. *AAS* 12: 42 f., pl. 48: 4, *ca.* 1520-1230, scarabs, comp. Str. B. *Ibid.*, 70 f., pl. 23: 2 (?), *ca.* 1230-920, comp. Str. C. *AAS* 13: 90, pl. 18: 8, fig. 3: h, *ca.* 1500-1230, scarabs, comp.

T. el-Fār'ah: Ts. 621, 626. *CPP*, 91J1, XIX dyn.

**1596** 'Ain Shems: T. 2 (T. 12 of later records). *BS*, p. 157: 168 (?), p. 154, *ca.* 1400, comp., scarabs not studied. *Ca.* 1650-1550, *AS* V: 31 f., 108 f. N. of B. H. *AS* II: 74, pl. 45: 16 (?), ?

Megiddo: T. 989 A1. *MT*, pl. 17: 7, LB i (1600-1400). T. 855. *MT*, pls. 44: 6, 141: 28, LB i (1600-1400). T. 1100A. *MT*, pls. 47: 1, 144: 9, LB i (1600-1400).

**1597** 'Ain Shems: from and E. of IV 86, under street. *AS* II: 22, pl. 45: 9, LB, comp. Possibly *ca.* 1200-1000, *AS* V: 15.

T. el-Fār'ah: T. 542. *TF* I: 9, pl. 25: top left (?), *ca.* 1320, scarabs. Albright and Starkey, *ca.* 1200-1160, and probably later, *AJA* 36: 300 and *TF* II: 31.

**1598** 'Ain Shems: N. of B. H. *AS* II: 74, pl. 45: 15, ? Beth-zur: ? *BZ*, pl. 7: 10, *ca.* 1200-1050, scarab, comp.

T. el-Fār'ah: Ts. 211, 542. *CPP*, 91K1, XIX, XXI dyn. Albright and Starkey, T. 542 falls within 12th cent., *AJA* 36: 300, *TF* II: 31. T. 211 is of series dated between 11th and 9th cent., *AS* V: 133.

**1599** 'Ain Shems: T30, IV. *AS* II: 74, pl. 45: 7, LB, comp. Possibly *ca.* 1200-1000, *AS* V: 15. T. 11. *AS* IV, pl. 35: 13 (?), *ca.* 1350-1150, *AAS* 12: 41 and *AS* V: 32, 109.

T. el-Fār'ah: Ts. 542, 834. *CPP*, 91H3, XIX dyn. Albright and Starkey, T. 542 of 12th cent., *AJA* 36: 300, *TF* II: 31.

**1600** 'Ain Shems: deep below and a little out from threshold of IV 86. *AS* II: 22, pl. 45: 8 (?), LB or earlier? Possibly *ca.* 1200-1000, *AS* V: 15. Sub III 13. *Ibid.*, 34, pl. 45: 17, LB. Same comment.

Megiddo: T. 989 A1. *MT*, pl. 17: 8 (?), LB i (1600-1400). T. 1178. *MT*, pl. 53: 1 (?), LB i (1600-1400).

T. el-Fār'ah: T. 201. *TF* I: 13, pl. 40: 91K6, XXII dyn., scarabs, Hathor figures, comp. Of a series dated between 11th and 9th cent., *AS* V: 133. *CPP*, 91M2, XXII dyn. Same comment. T. 202. *CPP*, 91G4', XXII dyn.

T. el-Hesī: 315 ft. level, Pilaster bldg.; 325 SE; 314 NE; Cem. 7, SW hill. *TH*, pl. 8: 137 (?), 900-600, and some perhaps pre-Israelite, comp. Probably earlier according to Bliss, *MMC*, pl. 2. Cities sub IV and IV. *MMC*, cut 174, p. 87 (?), p. 84, *ca.* 1400-1100, scarabs, comp.

**1601** Megiddo: T. 989 C1. *MT*, pls. 20: 7 (?), 99: 23 (and three similar), LB ii (1400-1200). T. 911 A1. *MT*, pl. 29: 8 (?), MB ii (1800-1600).



T. el-Fār'ah: T. 239. *CPP*, 91J4, XX dyn. T. 542. *CPP*, 91F2 (?), XX dyn. Albright and Starkey, T. 542 of 12th cent., *AJA* 36: 300 and *TF* II: 31.

1602 'Ain Shems: T. 1. *APEF* 1: 69, fig. 15: 7 (?), material considered mostly LB ii. Late 10th and early 9th cent., *AS* V: 136. *APEF* 2: 58, pl. 22: 29 (?), ca. 1300-950, comp., scarabs and amulets not studied. Same comment. *Ibid.*, 58 f., pl. 25: 1 (?), same as above. Same comment. Sub III 118. *AS* II: 28, pl. 45: 22 (?), ca. 1300-1200, comp. Possibly ca. 1000-950, *AS* V: 15. R. 317, II. *AS* III: 78, pl. 25: 2d line 5 (?), ca. 900-600 (EI pottery also found in this room), comp.

Megiddo: T. 912 A1. *MT*, pl. 33: 6 (and one similar), LB ii (1400-1200).

T. el-Fār'ah: T. 532. *CPP*, 91F4, XX dyn. Albright, mainly 11th cent., *AJA* 36: 300.

1603 'Ain Shems: T. 11. *AS* IV, pl. 35: 15 (?). Ca. 1450-1150, *AAS* 12: 41 and *AS* V: 32, 109.

Megiddo: Grabkammer II. *TM* I, fig. 18: right (?), ? Grabkammer I. *TM* II, fig. 2: 26 (?) (apparently same materials as in earlier publication but different provenience given), ? T. 877 B1. *MT*, pl. 14: 4, LB ii (1400-1200). T. 39. *MT*, pls. 68: 11 (?), 164: 14 (?) (and one similar), EI i (1200-1100). Str. VII. *SAOC* 17, pl. 2: 17 (buff; rim slightly bent down), chart, 51, 1350-1170, comp. Albright, ca. 1300-1150, *AJA* 44: 548. Str. VIII. *SAOC* 17, chart, 44 (base more pointed. "In this stratum lamps begin to have appreciably squeezed lips, and their presence may be regarded as one of the strongest criteria for the advent of Late Bronze."), p. 13, 1479-1350, comp. Albright, ca. 1467-1300, *AJA* 44: 548.

T. Abū Hawam: from group on and beside foundation wall of 50, area C, D6, str. V. *QDAP* 4: 49, fig. 300 (ware?; whitish drab surface), ca. 1400-1230, scarabs, comp.

T. el-Fār'ah: T. 949. *TF* II, pl. 49: under 949 (?), XIX or XX dyn. T. 224. *CPP*, 91Fo (?), XIX, XXII dyn.

1605 'Ain Shems: outside N. of B. H. *AS* II: 28, pl. 45: 14, ?

Megiddo: T. 1101 B Upper. *MT*, pl. 8: 15, EI i (1200-1100).

T. Beit Mirsim: str. C. *AAS* 12: 42 f., pl. 48: 2, ca. 1520-1230, scarabs, comp. Str. C. *AAS* 13: 90, pl. 18: 7, fig. 3: g, same date as above.

T. Jemmeh: JC 180. *Gerar*, 6, 21, pl. 51: 91d, ca. 1350, comp. Albright, possible ca. 11th cent., *AAS* 12: 42, 79. *CPP*, 91D2, XVIII dyn. Same comment.

1606 Megiddo: T. 1101 A Upper. *MT*, pl. 8: 4, EI i (1200-1100).

T. el-Fār'ah: T. 240. *CPP*, 91K3v, ?

1607 'Ain Shems: T. 1 (T. 11 of later records). *BS* p. 195: 225 (?), p. 182, ca. 1275-1150, comp., scarab not studied. Ca. 1450-1150, *AAS* 12: 41 and *AS* V: 32, 109. R. 27 (1933), str. III. *AS* IV, pl. 61: 34 (shape varies somewhat), ca. 1200-1000, comp.

1608 'Ain Shems: U29, IV 58. *AS* II: 22, pl. 45: 2 (?), LB. Possibly ca. 1200-1000, *AS* V: 15.

T. el-Fār'ah: T. 220, Ts. 519, 531-2, 600, 637. *CPP*, 91J3 (?), 91K3, XX dyn. Albright dates T. 532 mainly 11th cent., *AJA* 36: 300.

1609 'Ain Shems: T. 1. *APEF* 2: 58 f., pl. 25: 4 (?), ca. 1300-950, comp., scarabs, amulets not studied. Late 10th and early 9th cent., *AS* V: 136. V30. *AS* II: 19, pl. 45: 27, ca. 1000?, comp. R. 406 (1933), str. III. *AS* IV, pl. 59: 18 (varies slightly), ca. 1200-1000, comp.

Megiddo: grave A. *TM* I, fig. 246: f (?). EI by Engberg, *OIP* 26, legend pl. 41: L.

T. Beit Mirsim: str. A. *AAS* 12: 86 f., pl. 70: 10 (?), ca. 800-600, seal imp., inscriptions, comp. Str. B. *Ibid.*, 70 f., pl. 50: 6, ca. 1230-920, comp.

1610 'Ain Shems: T. 1. *APEF* 2: 58 f., pl. 25: 5, 6 (?), ca. 1300-950, comp., scarabs and amulets not studied. Late 10th and early 9th cent., *AS* V: 136. Extr. NW near IV 34. *AS* II: 74, pl. 45: 3 (?), LB? Possibly ca. 1200-1000, *AS* V: 15. R31. *AS* II: 74, pl. 45: 21 (?), ? T. 11. *AS* IV, pl. 35: 16 (?), ca. 1450-1150.

T. Beit Mirsim: str. B. *AAS* 12: 70 f., pl. 51: 1, ca. 1230-920, comp.

1611 Jericho: T. 4, layer c. *LAA* 20, pls. 14: 13 (brick ware; spout a trifle more closely pinched, but less deeply), 32: top center, ca. 1500, scarabs, comp. A somewhat later date suggested *AS* V: 124.

T. el-Fār'ah: T. 542. *TF* I: 9, pl. 25: top center (?), ca. 1320, scarabs. Albright and Starkey, ca. 1200-1160 and probably later, *AJA* 36: 300, and *TF* II: 31.

1612 'Ain Shems: T. 11. *AS* II: 24, pl. 45: 5, ca. 1275-1150, comp., scarabs not studied. Ca. 1450-1150, *AAS* 12: 41 and *AS* V: 32, 109. R. 406 (1933), str. III. *AS* IV, pl. 59: 19, ca. 1200-1000, comp.

Jericho: ? J, 141, pl. 37: A, 59 (?), Jüdisch.

Megiddo: T. 989 C1. *MT*, pls. 20: 6, 99: 24 (and another similar), LB ii (1400-1200). T. 221 B. *MT*, pl. 71: 18, EI i (1200-1100). Str. V. *M* I, pls. 37: 17, 65: 17, 1060-1000. Albright, ca. 1050-950, *AJA* 44: 548.

T. Beit Mirsim: Si 3, str. B. *AAS* 12: 60, pl. 29: 11 (?), ca. 1230-920, comp. Str. B. *Ibid.*, 73, pl. 25: 18 (?), same date as above.

1613 'Ain Shems: E. grotto. *APEF* 2: 46 f., pl. 20: 1, ca. 1500-1300, comp., alabaster chalice. Ca. 1425-1200, *AS* V: 111. W. of shag-tooth. *AS* II: 22, pl. 45: 1, ? R. 406, III. *AS* III: 59, pl. 23: 3d line 5 (?), ca. 1200-900, comp.

Beth-shan: R. 1014, Rameses II level. *B-S* II, ii: 13, 33, pl. 47: 24 (red ware; also found in Amenophis III level), 1292-1000, inscriptions, scarabs, etc. Albright, 12th-10th cent., *AAS* 17: 76 f.

Beth-zur: ? *BZ*, pl. 7: 8, ca. 1200-1050, scarabs, comp.

T. el-Fār'ah: T. 229. *TF* I: 13, pl. 39: 91K3, XXI or XXII dyn. (text implies XXI dyn., Solomonic, while plate reads XXII), scarabs, comp. T. 229 is of a series dated between 11th and 9th cent., *AS* V: 133. *CPP*, 91K3", XXII dyn. Same comment.

1614 'Ain Shems: III 12. *AS* II: 34, pl. 45: 23, ca. 1200-900, comp. Possibly ca. 1000-950, *AS* V: 15.

Beth-shan: R. 1021 A (floor level), Rameses II level. *B-S* II, ii: 13, 33, pl. 47: 23 (brown ware with black grits; commonest form, also found at higher and lower levels), 1292-1000, inscriptions, scarabs, etc. Albright, 12th-10th cent., *AAS* 17: 76 f.

Megiddo: T. 877 A1. *MT*, pl. 13: 11, LB ii (1400-1200). T. 912 Shaft. *MT*, pl. 32: 9 (and two similar), same date as above.

T. el-Fār'ah: T. 221. *TF* I: 13 f., pl. 41: bottom left (?), ca. 900, comp. Tomb of a series dated between 11th and 9th cent., *AS* V: 133. *CPP*, 91G1 (?), XXII dyn. Same comment. T. 902. *TF* I, pl. 16: center left, late XVIII dyn., scarabs, comp. Albright, 13th cent., *AAS* 12: 42. T. 914. *TF* II, pl. 47: right center (?), 13th cent., scarabs. T. 532. *CPP*, 91B1, XX dyn. Albright, T. 532 is of 11th cent. with possible backward extension into latter 12th, *AJA* 36: 300.

**1615** 'Ain Shems: E. grotto. *APEF* 1: 69, fig. 15: 19 (?), ca. 1500-1300, comp., alabaster chalice. *Ca.* 1425-1200, *AS* V: 111. From and E. of IV 86, under street. *AS* II: 22, pl. 45: 10 (?), LB.

Beth-shan: R. 1104, Amenophis III level. *B-S* II, ii: 4, 7, 23, pl. 43: 7, 1411-1375 (similar shapes from earlier and later levels), inscriptions, scarabs, etc. Albright, 13th cent., *AAS* 17: 76 f.

T. el-Fār'ah: C395. *CPP*, 91J2, XXVII dyn.

**1616** 'Ain Shems: 1-2 below surface, extramural. *BS*, p. 209: 47 (?), p. 208, ca. 900-700 or 600, comp., seal from Temple not studied. V31. *AS* II: 29, pl. 45: 6 (?), ? R. 395, II. *AS* III: 63, pl. 24: 7th line 1 (?), ca. 900-600, comp. R. 480 IV or possibly III. *Ibid.*, 42, pl. 29: 2.2 (?), LB or later, comp.

Jericho. ? *J*, 141, pl. 37: A, 59 (?), Jüdisch.

Megiddo: str. IV-III. *M* I, pls. 37: 13 (yellow), 65: 13, 1000-650. Albright, ca. 950-ca. 670 (?), *AJA* 44: 549.

T. Beit Mirsim: str. B. *AAS* 12: 70 f., pl. 51: 6, ca. 1230-920, comp.

T. el-Fār'ah: T. 240. *TF* I: 13, pl. 38: 91K4, XXII dyn. *CPP*, 91K4, XXII dyn.

#### PLATE 71

**1617** 'Ain Shems: III, sub II 132. *AS* II: 20, pl. 45: 30 (?), ca. 1200-900, comp. Possibly ca. 1000-950, *AS* V: 15. ? *AS* II, pl. 50: 25 (?), ? R. 317, II. *AS* III: 78, pl. 25: 2d line 1 (?), ca. 900-600 (EI pottery found in this room also), comp. R. 320, II. *Ibid.*, 76, pl. 28: 2.4 (?), ca. 900-600, comp. T. 11. *AS* IV, pl. 35: 14 (?), ca. 1350-1150.

Megiddo: Grabkammer I. *TM* II, fig. 1: 24 (?). T. 76 A. *MT*, pls. 74: 23 (traces of lt red 2 wash), 172: 14, EI-MI (ca. 1000). Str. IV-III. *M* I, pls. 37: 11 (burnt umber), 65: 11, 1000-650. Albright, ca. 950-ca. 670 (?), *AJA* 44: 549.

T. Abū Hawam: E4, between III and IV. *QDAP* 4: 30, fig. 163 (base more rounded; similar in form to those of III), ca. 1195-1100, comp.

T. el-Fār'ah: T. 637. *CPP*, 91J6 (?), XX dyn.

T. Jemmeh: AFF 196, FJ 191. *Gerar*, 22, pl. 61: 910, ca. 932-750, amulets, comp. Albright, ca. 850-650, *AAS* 12: 79. *CPP*, 91-04, XXIII dyn. Same comment.

**1618** 'Ain Shems: T. 1. *APEF* 2: 58 f., pl. 25: 7 (?), ca. 1300-950, comp., scarabs and amulets not studied. Late 10th and early 9th cent., *AS* V: 136. Si 3. *AS* II: 74, pl. 45: 38, ? R. 317, II. *AS* III: 78, fig. 6: 3-59, ca. 900-600 (some EI pottery in this room also), comp.

Megiddo: Rs. 6, 7, str. III. *OIC* 4: 69, fig. 45: X46 (?), 800-600, comp. Later found to be str. V, ca. 1050-1000. *M* I: 3, note. Albright dates str. V ca. 1050-950, *AJA* 44: 548.

**1619** 'Ain Shems (saucer lamps with round bottoms also found, *AS* I, pls. 14, 15, possibly pls. 12, 16): Repository of T. 2. *APEF* 2: 65, pl. 33: 1 (?), ca. 1000-850, comp., scarabs not studied. 8th cent., and slightly earlier, *AS* V: 136. Level II. *BS*, p. 205: 212 (?), p. 212, ca. 900-700 or 600, comp., seal from Temple not studied. Level III, SE corner. *BS*, p. 207: 327 (?), p. 214, ca. 1200-900, comp. R. 336, II. *AS* III: 73 f., pl. 26: bottom r. (?), ca. 900-600, comp. Ci 25. *Ibid.*, 62, pl. 27: 7.5 (?), ? *Ca.* 825-586, *AS* V: 136. T. 14. *AS* IV, pl. 48: 7 (?), ca. 6th cent. T. 14. *AS* II: 74, pl. 45: 37. If T. 14, 6th cent., *AS* V: 77.

'Athlit: cremated burials, burial vii. *QDAP* 6: 145, fig. 8: 3, ca. 700-600, comp.

Megiddo: Grabkammer I. *TM* II, fig. 1: 25 (?), ? T. 221 A. *MT*, pls. 70: 6, 169: 5, EI i (1200-1100). T. 47. *MT*, pl. 74: 9, MI (1000-600). Str. IV-III. *M* I, pls. 37: 15 (green brown, lt red wash on rim), 65: 15, 1000-650. Albright, ca. 950-ca. 670 (?), *AJA* 44: 549. Str. V. *M* I, pls. 38: 19, 65: 19, 1060-1000. Albright, ca. 1050-950, *AJA* 44: 548.

T. Abū Hawam: str. IV and V. *QDAP* 3, pl. 22: 24 (?), ca. 1400-1200, comp.

T. Jemmeh: 12 examples from levels 205-190. *Gerar*, 22, pl. 61: 91m, ca. 1000-400, amulets, comp. Albright, from ca. 9th to ca. 5th cent., *AAS* 12: 79. *CPP*, 91M, XXII-XXVI dyn. Same comment.

(Fragment of apparently round bottom type found in late EB ii period at Jericho, *LAA* 22, pl. 33: 4, nozzle rather deeply and closely pinched.)

(See *QDAP* 4, pls. 61-63, for lamps from tomb found at ed-Dāheriyeh. Apparently all are of round base type rather similar to those of T. 5, but illustrations do not permit closer typing.)

**1620** 'Ain Shems: level II. *BS*, p. 205: 211 (?), p. 212, ca. 900-700 or 600, comp., seal from Temple not studied. Near IV 37, between IV 87 and city wall. *AS* II, pl. 45: 11 (?), LB. Possibly ca. 1200-1000, *AS* V: 15.

Megiddo: T. 989 A1. *MT*, pl. 17: 6 (and three similar), 97: 14, LB ii (1400-1200).

**1621** 'Ain Shems: T32. *AS* II: 27, pl. 45: 25 (?), ? R. 304, II. *AS* III: 83, pl. 28: 5.2 (?), 900-600, comp.

Megiddo: T. 76A. *MT*, pl. 74: 24, EI-MI (ca. 1000). Str. IV-I. *M* I, pls. 37: 10, 65: 10, 1000-350. Albright, ca. 950-ca. 450 (?), *AJA* 44: 549.

T. el-Fūl: Ts., S. slope. *PEQ* 1915: 35, 37, pl. 2: 4 (?), ca. 500, Macalister. EI ii, Albright, *AAS* 12: 76.

**1622** 'Athlit: cremated burials, burial i. *QDAP* 6: 139, fig. 4: 5, ca. 700-600, comp.

T. Jemmeh: CV 185, HF 182, NET 181, HH 179. *Gerar*, 22, pl. 61: 91e, ca. 1400-1200, scarab, comp. Albright, possibly ca. 11th cent. to 8th cent., *AAS* 12: 42, 79. *CPP*, 91E, XIX dyn. Same comment.

**1623** Megiddo: str. III-I. *M* I, pls. 37: 12, 65: 12, 780-350. Albright, 733-ca. 450 (?), *AJA* 44: 549.

**1624** 'Ain Shems: T. 14. *AS* IV, pl. 48: 9 (?), ca. 6th cent.

'Athlit: cremated burials, burial ix. *QDAP* 6: 145, fig. 9: 2, ca. 700-600, comp. T. L23B. *QDAP* 2: 92 f., fig. 72 (?), pl. 31: 820 (?), 5th and 4th cent.

Megiddo: str. III-I. *M* I, pls. 37: 8 (burnt umber, heavily fired, traces of yellow slip), 65: 8, 780-350. Albright, 733-ca. 670 (?), *AJA* 44: 549.

Samaria: Ci 7-S1. *S* I: 292, fig. 171: 22b, 600-400, Aramaic ostraca, comp. N. G. T. 5, and Ci 7-S1. *S* II: 279, pls. 64: c, 66: e (top center), 600-400, comp. N. G. T. 5. *S* I: 318, fig. 187: 4a, ?

T. Abū Hawam: str. II. *QDAP* 3, pl. 23: 5 (?).

T. el-Hesī: 320 E., 325 E., 330 SE, 314 NE, NW trench. *TH*, 48, pl. 9: 227 (?), 800-600, comp. (Bliss brings top levels down to ca. 400.)

? ? *EP*, 130, pl. 66: 2 (?), 750-ca. 350, seal imp., comp.

**1625** 'Ains Shems: kiln. *AS* II: 31, pl. 45: 19 (also three more), ? *AS* I, pl. 27: top, ?

Jericho. ? *J*, fig. 152: A, 61, Jüdisch.

Megiddo: str. III. *M* I, pls. 37: 16 (green brown, lt red wash over rim to shoulder; had trumpet base), 65: 16, 780-650. Albright, 733-ca. 670 (?), *AJA* 44: 549.

T. Beit Mirsim: str. B. *AAS* 12: 71, pl. 23: 3, ca. 1000-900, comp.

T. eš-Sāfi: ? *EP*, 131, pl. 66: 7, ? Says probably of Jewish period (Jewish period dated *ca.* 750–*ca.* 350).

T. Jemmeh: GN 186, 186, GA 183. *Gerar*, 22, pl. 61: 91g, *ca.* 1250–1150, scarab, comp. Albright, 10th cent., *AAS* 12: 79. *CPP*, 91Q2, ?

(At Samaria a 7 spout lamp on trumpet base found, date (?). Somewhere within 900–300.)

## DISK BASE LAMPS

**1626** 'Ain Shems: NW slope, Ca 17 (?). *AS* II: 74, pl. 45: 26 (?), ?

T. Beit Mirsim: str. A. *AAS* 12: 86 f., pl. 70: 3, *ca.* 800–600, seal imp., inscriptions, comp.

**1627** 'Ain Shems: T. 1. *APEF* 2: 58 f., pl. 25: 8, *ca.* 1300–950, comp., scarabs and amulets not studied. Late 10th and early 9th cent., *AS* V: 136. Repository of T. 2. *APEF* 2: 65, pl. 33: 3, 6, 11 (?), *ca.* 1000–850, comp., scarabs not studied. 8th cent. and slightly earlier, *AS* V: 136. T. 2. *APEF* 2, pl. 37: 2 (?), *ca.* 950–700, comp., scarabs not studied. 7th or early 6th cent., *AS* V: 136. Repository of T. 4. *APEF* 2, pl. 39A: 1 (?), *ca.* 950–700, comp., scarabs not studied. Same comment. Repository of T. 7. *Ibid.*, pl. 46: 6 (?), *ca.* 950–700, comp. Same comment. T. 7. *Ibid.*, pl. 47: 1 (?), *ca.* 950–700, comp. Same comment. Repository of T. 8. *Ibid.*, pl. 54: 1 (?), *ca.* 850–700, comp., inscription. Same comment. T. 8. *Ibid.*, 88, pl. 56: 4 (?), *ca.* 850–700, comp., inscribed seal. Same comment. *Ibid.*, pl. 57: 6 (?), same date as above. Same comment. X32, II. *AS* II: 26, pl. 45: 36, *ca.* 900–600, comp. *AS* I, pl. 12: bottom top center. Same date as above. R. 377 (1933), str. II. *AS* IV, pl. 67: 23, *ca.* 1000–586, seals, comp.

T. Abū Hawam: str. IV and V. *QDAP* 3, pl. 22: 25 (not quite the same but of similar type), *ca.* 1400–1200, comp. D2, west of 25, str. III. *QDAP* 4: 23, fig. 94 (?), *ca.* 1100–925, comp.

T. Beit Mirsim: str. A. *AAS* 12: 86 f., pl. 70: 2, *ca.* 800–600, seal imp., inscriptions, comp.

T. el-Fārāh: T. 201. *TF* I: 13, pl. 40: 91m2, XXII dyn., scarabs, Hathor figures, comp. Tomb of a series dated between 11th and 9th cent., *AS* V: 133. *CPP*, 91M4. Same comment.

? ? *EP*, 130, pl. 66: 3(?), 950–*ca.* 350, seal imp., comp.

Megiddo: T. 912D. *M* I, pls. 35: 29, 133: 16 (of general class), LB ii (1400–1200).

**1628** 'Ain Shems: repository of T. 4. *APEF* 2, pl. 39A: 2 (?), *ca.* 950–700, comp., scarabs not studied. 7th or early 6th cent., *AS* V: 136. T. 6. *APEF* 2, pl. 44: 1 (?), *ca.* 950–700, comp. Same comment. T. 7. *Ibid.*, pl. 47: 2 (?), same date as above. Same comment. T. 8. *Ibid.*, 88, pl. 56: 2 (?), *ca.* 850–700, comp., inscribed seal. Same comment. Sub II 175. *AS* II: 74, pl. 45: 39, *ca.* 1000, comp. Possibly *ca.* 950–825, *AS* V: 15.

**1629** 'Ain Shems: kiln. *AS* II: 32, pl. 45: 33 (?), ? R. 373, II. *AS* III: 69, pl. 25: 6.3, *ca.* 900–600, comp. R. 388 (1933), str. IIa-b. *AS* IV, pl. 45: 22(?) (pl. 45: 21, 23, also disk base according to *AS* V: 141), *ca.* 1000–825, comp.

T. Jemmeh: CX 197. *Gerar*, 22, pl. 61: 91t, *ca.* 660, comp. Albright, 6th cent., *AAS* 12: 79. *CPP*, 91T, XXV dyn. Same comment.

**1630** 'Ain Shems: repository of T. 2. *APEF* 2: 65, pl. 33: 2 (?), *ca.* 1000–850, comp., scarabs not studied. 8th cent., and slightly earlier, *AS* V: 136. Repository of T. 8. *APEF* 2, pl. 54: 2(?), *ca.* 850–700, comp., inscription. 7th

and early 6th cent., *AS* V: 136. U30, R. 114. *AS* II: 18, pl. 45: 34, ?

T. Beit Mirsim: str. A. *AAS* 12: 86 f., pl. 70: 9, *ca.* 800–600, seal imp., inscriptions, comp. R. SE23B-8, str. B3. *Ibid.*, 67, pl. 27: 15 (?), *ca.* 950–920, comp.

**1631** T. Beit Mirsim: str. A. *AAS* 12: 86 f., pl. 70: 4, *ca.* 800–600, seal imp., inscriptions, comp.

## HIGH FOOT LAMPS

**1634** 'Ain Shems: T. 2. *APEF* 2, pl. 37: 1 (?), *ca.* 950–700, comp., scarabs not studied. 7th and early 6th cent., *AS* V: 136.

**1635** 'Ain Shems: repository of T. 2. *APEF* 2: 65, pl. 33: 5 (?), *ca.* 1000–850, comp., scarabs not studied. 8th cent. and slightly earlier, *AS* V: 136. T. 2. *APEF* 2, pl. 37: 4 (?), *ca.* 950–700, comp., scarabs not studied. 7th or early 6th cent., *AS* V: 136. Repository of T. 7. *APEF* 2, pl. 46: 10 (?), *ca.* 950–700, comp. Same comment. T. 7. *Ibid.*, pl. 47: 3, 4 (?), same date as above. Same comment. T. 8. *Ibid.*, 88, pl. 56: 20 (?), *ca.* 850–700, comp., inscribed seal. Same comment. *Ibid.*, pl. 57: 10, 11, 15, 17, 19 (?), same date as above. Same comment. Ci 4. *AS* II: 23, pl. 45: 42, *ca.* 825–586, *AS* V: 41. T. 14. *AS* IV, pl. 48: 12 (?), *ca.* 6th cent.

Megiddo: str. III. *M* I, pls. 37: 7, 65: 7, 780–650. Albright, *ca.* 1050–950, *AJA* 44: 548.

? ? *EP*, 130, 76, pls. 66: 5 (?), 21: 8 (?), 750–*ca.* 350, seal imp., comp.

**1636** 'Ain Shems: T. 6. *APEF* 2, pl. 44: 8 (?), *ca.* 950–700, comp. 7th or early 6th cent., *AS* V: 136.

**1637** 'Ain Shems: repository of T. 2. *APEF* 2: 65, pl. 33: 4 (?), *ca.* 1000–850, comp., scarabs not studied. 8th cent. and slightly earlier, *AS* V: 15. Repository of T. 4. *APEF* 2, pl. 39A: 4 (?), *ca.* 950–700, comp., scarabs not studied. 7th or early 6th cent., *AS* V: 136. Repository of T. 7. *APEF* 2, pl. 46: 12(?), *ca.* 950–700, comp. Same comment. Repository of T. 8. *Ibid.*, pl. 54: 4, 5 (?), *ca.* 850–700, comp., inscription. Same comment. T. 8. *Ibid.*, pl. 56: 18 (?), p. 88, *ca.* 850–700, comp., inscribed seal. Same comment. T. 14. *AS* II: 23, pl. 45: 41. See below. T. 14. *AS* IV, pl. 48: 8 (?), *ca.* 6th cent. Ci 4, Q24 (1933), str. IIc. *Ibid.*, pl. 45: 26 (?) (pl. 45: 25, 27 also high foot according to text, *AS* V: 141), *ca.* 825–586, seals, comp.

Beth-zur: ? *BZ*, fig. 32: bottom left (?), *ca.* 900–600, seal imp., comp.

Jericho: ? *J*, 141, pl. 37: A, 62 (?), Jüdisch.

Megiddo: str. III. *M* I, pls. 37: 6, 64: 6, 780–650. Albright, 733–*ca.* 670 (?), *AJA* 44: 549.

T. el-Hesi: cities VI–VIII. *MMC*, cut p. 119: 236 (?), p. 121, *ca.* 800–400, inscription, comp.

T. Jemmeh: AJ202. *Gerar*, 22, pl. 61: 91u, *ca.* 550, comp. Albright, probably later, *AAS* 12: 79. *CPP*, 91U, XXVI dyn. Same comment.

? ? *EP*, 76, 130, pl. 21: 7 (?), 750–*ca.* 350, seal imp., comp.

**1638** T. Beit Mirsim: str. A. *AAS* 12: 86 f., pl. 70: 5, *ca.* 800–600, seal imp., inscriptions, comp.

**1639** 'Ain Shems: T. 5. *APEF* 2, pl. 41: 2 (?), *ca.* 950–700, comp., scarabs and amulets not studied. 7th or early 6th cent., *AS* V: 136.

Beth-zur: ? *BZ*, pl. 9: 14, *ca.* 900–600, seal imp., scarabs.

**1640** (See *QDAP* 4: 49, fig. 299.)

**1642** ? ? *EP*, 130, pl. 66: 4 (?), 750–350, seal imp., comp.

## FOLDED AND MISCELLANEOUS LAMPS

- 1643** 'Ain Shems: NW cem. near T15. *AS* II: 86, pl. 50: 26, ?  
Beth-zur. ? *BZ*, 51, fig. 41, Hellen.  
Jericho. ? *J*, 141, fig. 151: A, 60, ?  
Jerusalem: Tyropoean Valley, R. 47. *APEF* 5: 90, pl. 17: 2 (well-baked, thin ware), "not safe to conclude of Hellenistic or Herodian period, though by no means impossible."  
Samaria: S10d. *S* I: 318, fig. 187, 5a (fine drab ware, soft). "Comparatively rare form and not exactly dated," but suggests later phase of Babylonio-Grecian period dated ca. 700-300.  
**1644** Beth-zur: ? *BZ*, fig. 41 (round and flat bottom types), ca. 300-100, coins, seal imp., comp.  
? ? *EP*, 130, fig. 48, ? LI.  
**1646** 'Ain Shems: R. 379 (1933), str. II. *AS* IV, pl. 45: 34 (?), ca. 1000-586, seals, comp.  
Beth-shan: Temple of Rameses II. *MJ* 17: 298, 301, fig. p. 300 (called ring flower stand, as might be the type), ca. 1292-1225. Albright, 12th to 10th cent., *AAS* 17: 76 f.  
Jericho. ? *J*, fig. 149: A, 57 (?), Jüdisch.  
Megiddo: R4: 626, str. VI. *OIP* 26, pl. 16: P2282 (almost complete "kernos ring" having attached one gazelle head, two amphorae, two pomegranates, two doves, and one cup; closely burnished surface, with some use of red wash and painted lines). See also *TM* I, fig. 204, and *TM* II: 17 f., fig. 77.

## MOLDED LAMPS

PLATES 72, 73 Nos. 1647-1678

See above, pp. 56-66.

## LIDS

## PLATE 74

- 1685** T. Jemmeh: GK186. *Gerar*, 22, pl. 61: 98e, ca. 1150, comp. Albright, middle of 10th cent., *AAS* 12: 79.  
**1686** T. Jemmeh: BL198. *Gerar*, 22, pl. 61: 98p (?), ca. 660, comp. Albright, 6th cent., *AAS* 12: 79. *CPP*, 98P (?). Same comment.

## SQUAT TWO-HANDLED VASES

- 1688** 'Ain Shems: T. 1 (T. 11 of later records). *BS*, p. 171: 3 *third from r.* (?), ca. 1275-1150, comp., scarabs not studied. Ca. 1350-1150, *AAS* 12: 41 and *AS* V: 32, 109. *BS*, p. 177: top center (?), p. 200: 601 (?). Same date and same comment. S31 S. of III 76. *AS* II: 29, pl. 44: 11, ca. 1200-900. Possibly ca. 1000-950, *AS* V: 15.  
T. el-Fār'ah: T. 951. *TF* II, pl. 87: S6', XIX dyn. Chart on pl. 92 shows T. 951 as XX dyn.  
**1689** Jericho. ? *J*, 137, pl. 32: A, 11a (?), Jüdisch.  
Megiddo: str. VI. *SAOC* 17, str. VI: 13, 1170-1100, comp. Albright, ca. 1140-early 11th cent., *AJA* 44: 548.  
**1690** 'Ain Shems: T. 1 (T. 11 of later records). *BS*, p. 191: 386, p. 184, ca. 1275-1150, comp., scarab not studied. See note on 1688. III 43. *AS* II: 34, pl. 44: 12, ca. 1200-900, comp. Possibly ca. 1000-950, *AS* V: 15. R. 487, str. IV B. *AS* IV, pl. 56: 9, LB ii.  
Megiddo: T. 912 D. *MT*, pls. 35: 21, 133: 9, LB ii (1400-1200).  
Seilūn. *JPOS* 10: 95, fig. 4; *IDHL*, 30, fig. 21, ca. 1200-1050, comp.  
? ? *EP*, 76, pl. 20: 61 (?), 1500-750, comp.  
T. Abū Hawam: str. III. *QDAP* 3, pl. 23: 20, ca. 1200-900. *QDAP* 4: 7, fig. 11, "1100-925(?)."

- T. Beit Mirsim: str. C (?) or B (?). *AAS* 12: 45, pl. 44: 3, ca. 1230-920 (?), comp.  
T. el-Fār'ah: T. 902. *TF* I: 6 f., pl. 16: *near bottom on left*, ca. 1400-1300, scarabs. Albright, 13th cent., *AAS* 12: 42. T. 920. *TF* II, pl. 49: *right center* (?), XIX dyn.  
T. Zakariyā: ? *EP*, 95, pl. 43: 6, 1500-750, comp.  
**1691** 'Ain Shems: S32. *AS* II: 72, pl. 44: 14 (lt brown with gray core; horizontal red painted lines), LB.  
T. el-Fār'ah: T. 905. *TF* II: 23, pl. 87: 55S5'', XIX-XX dyn., scarabs, comp. (according to text early XIX dyn.).  
T. Jemmeh: NT 181. *Gerar*, 21, pl. 57: 55q, ca. 1350, comp. Albright, probably 11th cent., *AAS* 12: 79. *CPP*, 55S5. Same comment.  
**1693** T. el-Fār'ah: T. 231. *CPP*, 55Q3 (?), XXII dyn. Ts. 636, 641 and 649. *CPP*, 55S6, XX dyn.  
**1694** 'Ain Shems: under and N. of IV 99. *AS* II: 72, pl. 44: 15 (?) (lower neck; lt red brown, gray core; cream slip, dark red horizontal painted lines), LB, comp.  
T. Zakariyā: ? *EP*, 95, pl. 43: 3 (?) (lower neck), 1500-750, comp.  
**1696** T. Abū Hawam: R. 23, D4, below upper layer of ash, str. III. *QDAP* 4: 20, fig. 61 (see also *QDAP* 3, pl. 23: 19), ca. 1100-925, comp.  
T. Jemmeh: NET 181. *Gerar*, pl. 57: 55p (?), ca. 1350, comp. Albright, probably ca. 11th cent., *AAS* 12: 79. *CPP*, 55S4''. Same comment.  
**1698** Megiddo: T. 37. *MT*, pls. 39: 3, 136: 12, EI ii (1100-1000). Str. V. *M* I, pls. 19: 98 (yellow, poorly made; shape varies slightly), 55: 98, ca. 1060-1000. Albright, ca. 1050-950, *AJA* 44: 548.  
**1699** T. el-Fār'ah: T. 224. *CPP*, 55S2 (?), XXII dyn.  
**1701** 'Ain Shems: III 43. *AS* II: 72, pl. 44: 17, ca. 1200-900, comp. R. 315, II. *AS* III: 79, pl. 24: 2.1 (some-what larger), ca. 900-600 (some EI pottery in this room), comp.  
Jericho: ? *J*, 137, pl. 32: A, 11b (?), Jüdisch.  
Megiddo: Sudlichen Burgtor. *TM* I, B, pl. 22: Bg (?), ?  
T. el-Fār'ah: Ts. 231 and 506. *CPP*, 55Q2, XXI and XXII dyn.  
**1703** Beth-zur: Loc. 7. *BZ*, pl. 10: 10 (shape varies in details), Hellen.  
**1705** T. Beit Mirsim: R. SE 23B-8, str. B<sub>3</sub>. *AAS* 12: 72, pls. 51: 5, 25: 5 (?) (handle), ca. 950-920, comp.  
**1707** 'Ain Shems: T. 1. *APEF* 1, fig. 15: 8 (?), material considered mostly LB ii. Late 10th and early 9th cent., *AS* V: 136. R. 429, str. III. *AS* IV, pls. 60: 17, 37: 28, ca. 1200-1000 or 1000-950, comp.  
Megiddo: str. IV. *M* I, pls. 9: 36 (close vertical burnishing), 49: 36, 1000-800. Albright, ca. 950-733, *AJA* 44: 549.  
**1709** T. Abū Hawam: str. III. *QDAP* 3, pl. 23: 18 (apparently brown ware), ca. 1100-925, comp.  
**1710** 'Ain Shems: IV 162. *AS* II: 31, pl. 44: 9, LB, comp. Possibly ca. 1200-1000, *AS* V: 15. *AS* I, pl. 13: top section, lower left center, LB, comp. Same comment. R. 429, III. *AS* III: 54, pl. 22: 2.1, ca. 1200-900, comp.  
Gezer: T. 84-85. *G* III, pl. 87: 14, I: 334 f., trans. LB-EI. Albright, 12th cent., *AAS* 12: 48, 71.  
Megiddo: str. III. *M* I, pls. 9: 35 (wheel burnished on body, vertically burnished on neck), 49: 35, 780-650. Albright, 733-ca. 670 (?), *AJA* 44: 549.  
T. Beit Mirsim: str. B. *AAS* 12: 72, pl. 51: 4, ca. 1000-900, comp.  
**1711** 'Ain Shems: Y30. *AS* II: 27, pl. 44: 10, ?  
Megiddo: T. 73. *MT*, pl. 65: 20, EI ii (1100-1000).

## BOTTLES

## PLATE 75

**1713** Jericho: R. 109, level 11.53 m. *LAA* 22, pl. 29: 17 (brick ware, reddish brown slip smoothed, vertically burnished outside), late EB ii. Chart, *LAA* 23, pl. 28, shows layer III, so early EB iii, Wright, *PP*, chart.

**1718** 'Ain Shems: R. 343 (1933), str. IIB-c. *AS* IV, pl. 66: 17 (no trace of burnishing; rim and body differ somewhat), ca. 950-586, seals, comp.

T. Zakariyā: ? *EP*, 103, pl. 50: 3 (?), 750-ca. 350, seal imp., comp.

**1719** Beth-zur: ? *BZ*, pl. 7: 15 (form less globular), ca. 1200-1050, scarab, comp.

Megiddo: str. III. *M I*, pls. 9: 16 (rim less rounded), 49: 16, 780-650. Albright, 733-ca. 670(?), *AJA* 44: 549.

**1720** Megiddo: str. III. *M I*, pls. 2: 43, 44: 43, ca. 780-650. See note on 1719.

**1723** T. ej-Judeideh: ? *EP*, 104, pl. 53: 17 (?), (no hole in bottom), 750-ca. 350, seal imp., comp.

**1724** 'Ain Shems: III 29. *AS* II: 33, pl. 50: 36, ca. 1200-900, comp. Possibly later, *AS* V: 15. T. 14. *AS* IV, pls. 68: 8, 48: 4 (lt red ware, slip smoothed), ca. 6th cent., comp.

T. el-Fūl: Ts., S. slope. *PEQ* 1915: 35, 37, pl. 2: 3 (?), ca. 600-500, Macalister. EI ii, Albright, *AAS* 12: 76.

T. ej-Judeideh: ? *EP*, 104, 76, pl. 53: 5 (?), 21: 10 (?), 750-ca. 350, seal imp., comp.

**1725** 'Ain Shems: T. 14. *AS* IV, pls. 68: 7, 48: 6, 6th cent., comp.

T. el-Fūl: Ts. S. slope. *PEQ* 1915: 35, 37, pl. 2: 3(?), ca. 600-500, Macalister. See note on 1724.

**1730** T. el-Fūl: Ts. S. slope. *PEQ* 1915: 35, 37, pl. 2: 1, between 1200-600?, Macalister. See note on 1724.

**1732** 'Ain Shems: T. 14. *AS* IV, pls. 68: 10, 48: 1 (shoulder burnished horizontally, sides vertically), ca. 6th cent., comp.

Beth-zur: ? *BZ*, pl. 5: 18, ca. 300-100, coins, seal imp., comp. Albright, not MB but Hellen. (verbal).

T. el-Fūl: Ts. S. slope. *PEQ* 1915: 35, 37, pl. 2: 1(?), between 1200-600?, Macalister. See note on 1724.

**1733** Beth-shan: E. of Temple area, Hellen. level. *B-S* II, ii: 15, 42, 43, pl. 51: 11, 17, 300-100, comp.

Beth-zur: ? *BZ*, pl. 10: 14 (see also fig. 39), ca. 300-100, coins, seal imp., comp.

Jericho: ? *J*, pl. 40: J, 6 left, Hellenistisch.

Megiddo: T. 219. *MT*, pls. 42: 31 (same general type), 141: 12, Hellen.

Jerusalem: Bishop Gobat's School. *PEQ* 1935: 142, 143, pl. 6: 2, late Hellen. and Herodian.

Samaria: S11z. *S I*: 301, fig. 178: 5, 300-50, comp. *S II*, pl. 67: g1, same date as above.

T. Sandahannah: ? *EP*, 126 f., pl. 60: 9 (fine gray paste, polished), ca. 350-?, coins, comp.

**1734** Beth-shan: below Round Church. *B-S* III: 39, pl. 33: 21 (differs in minor details), Hellen.-Rom. (300 B. C.-300 A. D.), comp.

Samaria: H. S. 1. *S I*: 301, fig. 178: 9 (differs in minor details), 300-50, comp.

T. Abū Hawam: str. II. *QDAP* 3, pl. 23: 4, ca. 500-400, comp.

T. Jemmeh: W181 (does not come from regular stratification so of little value for dating purposes). *Gerar*, 22, pl. 62: middle right, ?

T. Sandahannah: ? *EP*, 126 f., 76, pls. 60: 8, 22: 10 (of same type but differs slightly), ca. 350-?, coins, comp.

**1735** 'Athlīt: T. L21b. *QDAP* 2: 78, fig. 47 (body more globular), ca. 500-300, coins, comp.

Samaria: N. G. T. 4. *S I*: 302, fig. 179: a, 300-50, comp. *S II*, pl. 67: 1. Same date as above.

Wa'r Abu eš Šafa (2 km. W. of Jerusalem): tomb. *QDAP* 4: 168, pl. 80: 11, ca. 100 B. C.-100 A. D., comp.

## FLASKS

**1736** 'Ain Shems: R. 426, III. *AS* III, pl. 22: 3.6 (similar, but handles attached to neck), ca. 1200-900, comp. R. 426, str. III and ? *AS* IV, pl. 40: 30, 38 (?), ca. 1200-1000, comp.

Jericho: ? *J*, pl. 39: E, 4a and b (?) (proportions vary; concentric circle painted decoration), Jüdisch.

T. el-Fār'ah: Ts. 613, 631. *CPP*, 85-05, XIX dyn.

(Spoon lip flask with different handles and painted decoration found at Beth-shan of Rameses II level but Seti I level suggested as more proper, *B-S* II, ii: 13, 33, pl. 47: 28.)

(Spoon lip type found in str. VI and VII at Megiddo, *SAOC* 17, charts, LB and EI.)

**1740** 'Ain Shems: T. 14. *AS* IV, pl. 68: 5 (orange brown surface, drab core, small white grits, burnished horizontally), 6th cent.

Samaria: S2 corner cistern. *S I*, fig. 183: 30a (?), 300-50, comp.

T. el-Fār'ah: 800 cemetery. *CPP*, 87L, ?

## PLATE 76

**1741** T. Beit Mirsim: str. A<sub>2</sub>. *AAS* 12: 87 f., pls. 37: 17, 71: 5, 8th and 7th cent., comp., seal imp.

**1747** Megiddo: str. IV-III. *M I*, pls. 36: 8 (handle attached at rim), 64: 8, ca. 1000-650. Albright, ca. 950-ca. 670 (?), *AJA* 44: 549.

T. el-Fār'ah: T. 221. *TF I*, pl. 41: bottom on left, ca. 900, comp. Tomb of a series dated between 11th and 9th cent., *AS* V: 33. T. 221, 542. *CPP*, 85R1, XIX, XXII dyn. Considered mainly 12th to 9th cent., *AJA* 36: 300, *AS* V: 133.

T. Jemmeh: 12 examples, levels 194-188. *Gerar*, pl. 60: 85p, ca. 1050-825, amulets comp. Albright, 9th, 7th cent., *AAS* 12: 79. *CPP*, 85P1, ? Same comment.

**1749** T. Jemmeh: AAF192. *Gerar*, pl. 60: 85u (?), ca. 900, comp. Albright, late 7th cent., *AAS* 12: 79. *CPP*, 85U1 (?), XXIII dyn. Same comment.

**1750** 'Ain Shems: T. 14. *AS* IV, pls. 68: 1 (burnished horizontally), 48: 16, ca. 6th cent., comp.

Beth-zur: ? *BZ*, fig. 37: bottom, ca. 500-100, coins, seal imp., comp.

T. el-'Ajjūl: T. 200. *TA I*, pl. 49: 87K, ?

T. Jemmeh: N. of AC201, AQ199. *Gerar*, pl. 60: 87j, ca. 650-600, comp. Albright, 6th cent., *AAS* 12: 79. *CPP*, 87J, XXVI dyn. Same comment.

Tyropoean Valley: Tāriq el Wād. *QDAP* 1: 109, no. 4 (?), ?-100 A. D., comp.

**1751** Jericho: ? *J*, pl. 29: C, 23 (?), Israelitisch.

**1754** Megiddo: str. IV-I. *M I*, pls. 36: 2, 64: 2, 1000-350. Albright ca. 950-ca. 450 (?), *AJA* 44: 549.

T. Jemmeh: AJ197. *Gerar*, pl. 60: 87f (only two handles), ca. 660, comp. Albright, latter part of 7th cent., *AAS* 12: 79. *CPP*, 87F, XXV dyn. Same comment.

**1755** Megiddo: str. III-I. *M I*, pls. 36: 1, 64: 1, 780-350. Albright, 733-ca. 450 (?), *AJA* 44: 549.



## STANDS

**1757** 'Ain Shems: *AS* I, pl. 14: *top upper right* (?), EI. R. 381, II. *AS* III: 66, pl. 24: 5.2 (similar, but smaller, h. 71.7), *ca.* 900-600, comp. R. 381 (1933), str. II. *AS* IV, pls. 66: 44 (small), 45: 32, *ca.* 1000-586, seals, comp.

Beth-zur: ? *BZ*, pl. 11: 13 (one rim plain, and sides almost perpendicular), *ca.* 500-100, coins, seal imp., comp.

Megiddo: T. 912 B. *MT*, pls. 34: 20 (higher and bottom inverted but not molded outside), 124: 19, LB ii (1400-1200).

T. Jemmeh: AG198. *Gerar*, 22, pl. 61: 96*m*, *ca.* 660, comp. Albright, 6th cent., *AAS* 12: 79. *CPP*, 96*M*, XXV dyn. Same comment.

(Of general type, T. el-Hesi, *MMC*, cut p. 118: 231.)

**1758** 'Ain Shems: IIB-c level of 1929. *AS* IV, pl. 66: 42 (much smaller), *ca.* 950-586, seals, comp.

Megiddo: T. 26. *MT*, pl. 154: 12, LB ii (1400-1200).

**1759** Megiddo: str. III. *M* I, pl. 34: 6 (slightly different), 780-650. Albright, 733-*ca.* 670 (?), *AJA* 44: 549.

Samaria: S7-772 sub. *S* I: 277, fig. 153: 13 (similar but not in every detail), 900-700, ostraca, comp.

**1760** 'Ain Shems: city, str. III. *APEF* 2: 68, pl. 21: 8, *ca.* 950-700, comp. R. 380 (1933), str. II. *AS* IV, pl. 67: 22 (lt red surfaces, red beneath, black and white grits), *ca.* 1000-586, seals, comp.

## PLATE 77

**1761** 'Ain Shems: W26. *AS* II: 54, pl. 36: 9 (smaller), ? T29. *AS* II: 66, pl. 41: 24, ? *AS* I, pl. 14: *top upper left* (?) (smaller), EI. IIB-c level of 1929. *AS* IV, pl. 66: 43 (less regular and smaller), *ca.* 950-586, seals, comp.

**1762** 'Ain Shems: R. 369 (1933), str. II. *AS* IV, pl. 45: 33 (?), *ca.* 1000-586, seals, comp.

Megiddo: str. IV. *M* I, pls. 34: 11, 63: 11, 1000-800. Albright, *ca.* 950-733, *AJA* 44: 549.

T. Beit Mirsim: str. A. *AAS* 12: 87 f., pl. 71: 11, *ca.* 800-600, seal imp., inscription, comp.

T. el-'Ajjûl: CAM. *TA* I, pl. 50: 96D3, ?

T. el-Fār'ah: T. 240. *TF* I: 13, pl. 38: 96*d*, XXII dyn., comp. *CPP*, 96D3, XXII dyn.

T. eṣ-Şāfi: ? *EP*, 97, pl. 45: 13, 1500-750, comp.

T. Jemmeh: GN 184. *Gerar*, 22, pl. 61: 96*d*, *ca.* 1200, scarab, comp. Albright, 10th cent., *AAS* 12: 79. *CPP*, 96D1, XX dyn. Same comment. WE. *Gerar*, pl. 62: *lower right*, ? *CPP*, 96C, ?

**1764** T. Jemmeh: W191, WG189 (not from regular stratification so of little value for dating). *Gerar*, pl. 62: *right near bottom*, p. 22, possibly *ca.* 1050-930, comp. Albright, 9th cent., *AAS* 12: 79. *CPP*, 96C2, XXII dyn. Same comment.

**1765** Megiddo: str. IV-III. *M* I, pl. 34: 10 (quite plain), 1000-650. Albright, *ca.* 950-*ca.* 670 (?), *AJA* 44: 549.

**1766** T. eṣ-Şāfi: ? *EP*, 97, pl. 45: 21, 1500-750, comp.

**1769** Megiddo: str. III. *M* I, pls. 34: 9 (top rim less bulbous), 63: 9, 780-650. Albright, 733-*ca.* 670 (?), *AJA* 44: 549.

## FUNNELS

**1775** T. el-'Ajjûl: T. 200. *TA* I, pl. 50: 100P, ?

**1777** T. Zakariyā: ? *EP*, 98, fig. 35 (more angular), 1500-750, comp.

**1780** (Similar type, but deeper bowl and rim not in-

turned, from Beth-shan, *B-S* II, ii: 41, pl. 50: 30, of late Ramesside level, which Albright says is EI i, *APB*, 184, note 55.)

## PANS

## PLATE 78

**1784** T. Jemmeh: FJ187, FJ190, EU189. *Gerar*, 21, pl. 48: 5*r*, *ca.* 1100-950, amulets, comp. Albright, *ca.* 950-850, *AAS* 12: 79. *CPP*, 5R, XXI dyn. Same comment.

**1785** T. el-Fār'ah: level 375'. *TF* II, pl. 83: 5S, XXI dyn.

**1786** Megiddo: T. 80. *MT*, pl. 75: 1 (lt red 2 wash and irregularly hand burnished inside and over rim; rim less flaring), *MI* (1000-600). Str. IV-II. *M* I, pls. 26: 81 (yellow or green brown, straw tempered, blue black core, lt red wash inside and over rim nearly to base, handmade), 60: 81, 1000-600. Albright, *ca.* 950-609 (?), *AJA* 44: 549. Str. XX. *SAOC* 17, chart, 10 (similar shape; major portion covered with red wash), ?-3300.

**1787** Et-Tell (Ai): later sanctuary. *Syria*, pl. 56: 3, of 3d millennium, alabaster bowls, comp. Wright dates later sanctuary, EB iii, *ca.* 2700-2500, *PP*, chart.

T. Jemmeh: W185. *Gerar*, 21, pl. 48: 5*f*., *ca.* 1200, scarab, comp. Albright, 10th cent., *AAS* 12: 79. *CPP*, 5F, ? Same comment.

**1792** Samaria: T. pit on W. of stadium. *PEQ* 1932: 179f., pl. 1: fig. 1 (has four inside ledge handles, foot rest and outlet nozzle; burnished), *ca.* 900-700, comp.

## THERIOMORPHIC VESSELS

**1798** T. el-Fûl: village settlement. *AAS* 4: 24, pl. 32: 22 (?), *ca.* 600-500, Vincent. \*Mainly Hellen. Ts., S. slope. *PEQ* 1915: 36, 37, pl. 3, bottom center, *ca.* 600-500, Macalister. EI ii, Albright, *AAS* 12: 76.

**1799** 'Ain Shems: repository of T. 2. *APEF* 2: 66, pl. 33: 12 (?), *ca.* 1000-850, comp., scarabs not studied. 8th cent. or slightly earlier, *AS* V: 136. T. 1 (T. 11 of later records), *BS*, p. 167: 3 *bottom center* (complete vessel apparently similarly made), *ca.* 1275-1150, comp., scarabs not studied. *Ca.* 1350-1150, *AAS* 12: 41 and *AS* V: 32, 109. R. 396, II. *AS* III: 63, pl. 24: 5.9, *ca.* 900-600, comp.

Jericho: ? *J*, figs. 181, 182, p. 151, Jüdisch.

Megiddo: 4 Schicht der Nordburg. *TM* I, pl. 25: c (?), ? Str. V. *M* I, pl. 8: 180, 1060-1000. Albright, *ca.* 1050-950, *AJA* 44: 548.

T. el-Fûl: Ts. S. slope. *PEQ* 1915: 36, 37, pl. 3, bottom center, *ca.* 600-500, Macalister. See note on 1798.

## MISCELLANEOUS

**1804** T. el-Fār'ah: site D<sub>1</sub>. *TF* II: 5, pls. 22: 2 *upper r.*, 28: 22, later type. Site considered sub-Chalcolithic by Wright, *PP*, chart.

**1807** Jericho: ? *J*, pl. 41: IV, 18, Israelitischer und jüdischer Zeit. T. Abū Hawam: from G, F5, on the sand, str. V. *QDAP* 4: 55, pl. 31: 324, *ca.* 1400-1230, scarabs, comp.

**1808** 'Ain Shems: R. 345, II. *AS* III: 72, pl. 28: 3. 4 (?), *ca.* 900-600, comp.

Jericho: ? *J*, pl. 41: IV, 20a, b, Israelitischer und jüdischer Zeit.

Megiddo: T. 43. *MT*, pl. 110: 1, MB ii (1800-1600). T. 44. *MT*, pl. 110: 18, same date as above.

T. Abū Hawam: E3, 4, str. III. *QDAP* 4: 25, pl. 31: 116 (?), *ca.* 1100-925, comp.



1809 T. Abū Hawam: E4, str. III. *QDAP* 4: 25, pl. 31: 117 (?), *ca.* 1100-925, comp.

1810 'Ain Shems: city wall, III. *AS* II: 54, pl. 36: 8 (lt brown, gray core, reddish surface, corners rounded), *ca.* 1200-900, comp.

Megiddo: T. 63B. *MT*, pl. 158: 1 (of same general class), LB ii? (1400-1200?).

1811 'Ain Shems: ? *AS* III, fig. 4: 3-29 (two holes), ? E. of R. 337 (1933), str. II. *AS* IV, pl. 53: 16 (two holes), *ca.* 1000-586, seals, comp.

Jericho: ? *J*, pl. 41: IV, 19, *Israelitischer und jüdischer Zeit*.

T. el-Fūl: I and II Fortr., probably II. *AAS* 4: 16 f., pl. 33: 1, 2, \*L 11th-E 10th cent.

T. Jemmeh: B194. *Gerar*, 18, pl. 39: 24, 25 (two holes), *ca.* 800, comp. Albright, 7th cent., *AAS* 12: 79.

1812 'Ain Shems: R. 312, II. *AS* III: 80, fig. 4: 3-83 (less disk like), *ca.* 900-600, comp. R. 308 (1933), str. II. *AS* IV, pl. 51: 12, *ca.* 1000-586, seals, comp.

T. Jemmeh: ? *Gerar*, 22, pl. 61: 99b (wheel of pottery chariot which differs in details as also several others here and on pl. 39), ?

(Megiddo has wheels which differ in design. Considered from chariots and associated with cult. See *OIP* 26: 23-25, pl. 21.)

1813 'Ain Shems: II 135. *AS* II: 25, pl. 50: 37 (?) (lt pink, wheel of toy?, 8 spokes design; D. 66 mm.), *ca.* 900-600, comp. *AS* I, pl. 14: upper panel lower 2d from right, same date as above.

#### PLATE 79

1816 'Ain Shems: II 60. *AS* II: 33, pl. 36: 3, *ca.* 900-600, comp. R. 437 (1933), str. III. *AS* IV, pl. 40: 31, *ca.* 1200-1000, comp.

Jericho: ? *J*, pl. 35: A, 40 (has horizontal handle at rim), Jüdisch.

Megiddo: str. III. *M* I, pls. 23: 20 (?) (green brown,

brown ocher wash; three legs), 58: 20, 780-650. Albright, 733-*ca.* 670 (?), *AJA* 44: 549.

T. el-'Ajjūl: ? *TA* I, pl. 49: 67z6 ?

T. Zakariyā ? *EP*, 98, pl. 46: 9, 1500-750, comp.

1818 'Ain Shems: T. 1. *APEF* 2: 56, pl. 22: 16, *ca.* 1300-950, comp., scarabs and amulets not studied. Late 10th and early 9th cent., *AS* V: 136. Level II. *BS*, p. 205: 218 (brown), p. 212, *ca.* 900-700 or 600, comp., seal from Temple not studied. R. 319, II. *AS* III: 76, fig. 5: 4-228, pl. 25: 6.7 (shape differs; three ridges instead of two around diameter), same date as above. Below foundations R. 319 (1933), III. *AS* IV, pl. 60: 19 (shape differs slightly; apparently no holes), *ca.* 1200-1000, comp.

Megiddo: L1: 1011. *OIP* 26: 25 f., pl. 22: P3596 (seven perforations on one end and eight on the other), Bronze-Iron, context.

T. el-Fār'ah: T. 934. *TF* II, pl. 51: right center (?) (scale?), *ca.* 1350-1150, scarabs, jasper plaque.

T. el-Fūl: tombs. *PEQ* 1915: 35, 37, pl. 2: 2, *ca.* beginning of Hebrew Monarchy, Macalister. EI ii, Albright, *AAS* 12: 76.

T. el-Hesī: cities V-VIII. *MMC*, cut p. 120: 241, p. 117, *ca.* 1000-400, scarabs, comp.

T. Zakariyā: ? *EP*, 96, pl. 45: 3 (see also 8 and 16), 1500-750, comp.

1819 (See *OIP* 26: 17 f., pl. 16, which shows a kernos ring from Megiddo. Possibly 1819 is from a kernos ring.)

1823 T. el-Fūl: I and II Fortr., mostly II. *AAS* 4: 17, pl. 33: 8, \*L 11th-E 10th cent.

1826 Megiddo: str. III-II. *M* I, pl. 18: 91 (gray, lt red wash; two decorated raised bands below rim), 780-600. Albright, 733-609 (?), *AJA* 44: 549.

1840 T. Jemmeh: FR191, FH190. *Gerar*, pl. 59: 74c, *ca.* 1000-900, amulets, comp. Albright, 9th cent., *AAS* 12: 79. *CPP*, 74C (?), XXII dyn. Same comment.

1841 Beth-shan: E. of Temple area, late Ramesside level. *B-S* II, ii: 41, pl. 50: 33(?) (dark brown ware with red wash and burnished), ?

## APPENDIX B

# INVENTORY OF DATED ARCHITECTURAL STRUCTURES

Loci not enumerated contained no material or no chronologically significant materials. Dates are approximate. An interrogation point (?) indicates that the date is definitely doubtful; a minus sign (—) indicates the presence of earlier material, a plus sign (+) later material; an asterisk (\*) indicates that the date is based upon limited material, two asterisks (\*\*) that the material is mixed and uncertain.

### ROOMS

- 19, AF 24: mainly *ca.* 700-500 \*
- 23, AL 21: latter half of MI ? \*\*
- 30, AL 23: EI-MI \* \*\*
- 40, AK 20: late MI or early LI \*
- 42, 45, AK 20: *ca.* MI-LI \*
- 46, AK 20: *ca.* 11th cent., dated by single "Philistine" sherd \* \*\*
- 52, AJ 20: late MI & early LI \*
- 58, AJ 20: *ca.* 700-500 \*
- 60, AJ 20: mainly late MI \*
- 61, AH 20: mainly *ca.* 700-500 \*
- 63, AJ 20: *ca.* 700-500 ? \*
- 64-65, AJ, AH 20: mainly *ca.* 700-500 \*
- 73, AH 19: mainly *ca.* 700-500 ? \*
- 74, AH 19: mainly *ca.* 700-586 \* \*\*
- 77, W 20: *ca.* 500-300 ? \*
- 79, AH 20: mainly *ca.* 700-500 \*
- 82, AH 19: *ca.* 700-500 ? \*
- 84, AG 19: *ca.* 700-500 ? \* \*\*
- 91, 96, AH 18: *ca.* 700-500 ? \*
- 97, X 23: *ca.* 530-330\*
- 98-100, Y 23, 24: *ca.* 600-450 or later ? \* \*\*
- 101, X 23: coin of Ptolemy II in surface debris \* \*\*
- 102-104, Y 23, 24: *ca.* 700-500 ? \*
- 106, X 24: LI ? \*
- 108, X 23: mainly LI ? \* \*\*
- 120, N 16: EB, EI-MI \* \*\*
- 121, N 15: MI ? \* \*\*
- 122, P 15: EB, EI-MI; coin of Antiochus Epiphanes intrusive ? \*\*
- 123, P 15: EB, EI; mainly *ca.* MI-LI; coin of Nero intrusive ? \*\*
- 124, N 15: EB, EI-MI \* \*\*
- 126, P 16: mainly MI \*
- 128, N 16: *ca.* 700-500 ? \*
- 129, N 16: EI-MI \*
- 130, P 15, 16: EI or early MI \*
- 131, P 15: mainly *ca.* 700-500 ? \* \*\*
- 132, P 15, 16: mainly MI ? \*
- 133, P 16: mainly *ca.* 700-500 ? \*
- 134, Q 16: EB, EI-MI, ? early LI \* \*\*
- 135-136, Q 17: *ca.* 700-500 ? \*
- 137, Q 16, 17: EB; mainly *ca.* 700-500 \* \*\*
- 138, Q 17: late MI ? \*
- 140-143, P 16, 17, Q 17: *ca.* 700-500 ? \*
- 144, 146-148, P 16, Q 16, 17: MI or later \*
- 150, R 17: mainly MI — \*
- 151-152, Q 17: mainly MI \*
- 153, R 16, 17: mainly MI-LI — \* \*\*
- 154-155, R 17: mainly *ca.* 700-500 — \* \*\*
- 156, Q 15: mainly *ca.* 700-500 — ? \*
- 157, P, Q 16: mainly *ca.* 700-500 ? \*
- 158-159, Q 15, R 17: mainly *ca.* 700-500 — ? \*
- 160-161, R 17: mainly *ca.* 700-500 — ? \* \*\*
- 162-163, R 16, 17: mainly *ca.* 700-500 — ? \*
- 166, R 16: mainly *ca.* 700-500 — ? \* \*\*

### ROOMS

- 167, R, S 17: mainly *ca.* 700-500 — ? \*
- 168, Q 15: mainly *ca.* 700-500 ? \* \*\*
- 169, N, P 18: EB, ? MI \* \*\*
- 170, P 18: mainly *ca.* 700-500 — ? \* \*\*
- 172, N 17: EB, ? mainly EI-MI \* \*\*
- 173, N 17: EB, EI-MI, ? LI \* \*\*
- 174, N, P 17: EB, EI, ? mainly MI-LI \* \*\*
- 176-178, N 18, P 17, 18: EB, MI-LI \* \*\*
- 180, N 17: EB, EI-MI \* \*\*
- 181, N 17: mainly MI + ? \*
- 182, N 17: mainly MI + ? \* \*\*
- 183, N 18: EB \* \*\*
- 187, Q 18: mainly MI + ? \*
- 189, Q 18: EI-MI \*
- 190-192, Q, R, 18: mainly MI + ? \*
- 193, Q 18: mainly MI + — ? \*
- 194-196, Q 18, 19, R 18: mainly MI + ? \*
- 197, N 18: EB, MI \* \*\*
- 200, AG 31: mainly MI + ? \* \*\*
- 201, AG 31: mainly MI + ? \*
- 202, AG 31: MI-LI\*
- 203-206, AG 31, 30, 26: mainly MI + ? \*
- 207, AG 26: mainly MI ? \*
- 213-215, P 15 II, N 16 II: EB, EI, possibly MI \* \*\*
- 216, R 17 II: mainly MI \* \*\*
- 217, R 16 II: EB, mainly late MI \* \*\*
- 218, R 17 II: EB, mainly late MI — \* \*\*
- 219, R 17 II: mainly late MI — \* \*\*
- 220, AB, AC, 26, I & II: mainly late MI — \* \*\*
- Sub R. 220: mainly *ca.* 1050-700 —
- 221, AB 25: *ca.* 1050-700 + <sup>1</sup>
- Sub R. 221: EB; *ca.* 1050-6th cent.<sup>2</sup>
- 222, AB 25: mainly *ca.* MI-LI ? \*
- Sub R. 222, AB 26: not later than MI \*
- 223, AB 25: mainly MI-LI +
- 224-225, AB 25, AC 26: mainly *ca.* 700-500, esp. 600-500 \*
- 226-227, AC 25: mainly *ca.* 700-500, esp. 600-500 \* \*\*
- 228, AB 25: mainly 700-586 \*
- Sub R. 228, AB 25 II & III: *ca.* 1050 into 7th cent.<sup>3</sup>
- 229, AB 25: mainly 600-450 \* \*\*
- Sub R. 229, AB 25 II: mainly *ca.* 600-450
- 230, AB 24: mainly *ca.* 700-500 \* \*\*
- Sub R. 230, AB 25 II: mainly 600-450

<sup>1</sup> Partly excavated in 1929 so material of 1932 may be sub floor.

<sup>2</sup> Filed under AB 25, III, AB 25-26, II & III. Many objects came from a deep cut to bedrock immediately north of R. 224. Note that R. 221 apparently belongs to a later building phase than the tripartite building which would raise no difficulty about the later fragments. It is also significant that the materials from str. iii, or the lowest phase of this cut, seem to be earlier than MI.

<sup>3</sup> The deep cut north of R. 224 was partly under R. 228. Materials from the deepest phase of this cut are EI.

## ROOMS

- 231-232, AB 24: mainly *ca.* 700-500 ? \*
- 233, AC 25: mainly *ca.* 700-500 \*
- 234, AC 24: mainly MI + \* \*\*
- 235, AC 24: mainly *ca.* 700-500 \* \*\*
- 236, AB 24: mainly *ca.* MI-LI
- 237, AB 24: mainly *ca.* 700-500, esp. 600-500 \*
- 238, Q 15: mainly *ca.* 700-500 ? \*
- 239-240, Q 15: mainly *ca.* 700-500, esp. 600-500 \*
- 241, Q 15: mainly *ca.* 700-500 \*
- 242, Q 15: mainly *ca.* 700-500 ? \*
- 243, Q 14: EB, EI-MI \* \*\*
- 244, R 15: mainly *ca.* 700-500 ? \*
- 245, R 14: EB, EI-MI \* \*\*
- 246, R 14: mainly *ca.* 700-500 ? \* \*\*
- 247, R 14: mainly *ca.* 700-500 \* \*\*
- 248-249, Q 15, 14: mainly 700-500 ? \*
- 250, Q 14: EB, EI-MI \* \*\*
- 251-252, R 13: mainly *ca.* 700-500 ? \*
- 253, P 20: several levels; earlier mainly EB, later mainly MI \* \*\*
- 254, 256, P 20, M 20: mainly *ca.* 700-450 ? \*
- 257, M 20: EB, MI-LI \* \*\*
- 260, P 22: EB, EI + \* \*\*
- 263, P 19: mainly MI-LI ? \*
- 264, N 19: mainly MI-LI — ? \*
- 265, P 19: EB, MI-LI \*
- 266, R 13: associations suggest 6th cent.; "Philistine" frag. \*
- 266, V 22: *ca.* MI-LI \*
- 267-269, V 22: associations suggest *ca.* late 6th cent.
- 270, S 23: *ca.* 500-150\*
- 271, S 23: *ca.* 500-150 \*\*
- 272, R 23: *ca.* 500-150 \*
- 273, T 23: *ca.* 600-450
- 274, T 23: *ca.* 600-450 \*\*
- 275, T 23: *ca.* 600-450
- 276, S 23: *ca.* 600-450 \*
- 277, R 24: EI, *ca.* 600-450 \*\*
- 278, AC 24: mainly late MI \* \*\*
- 279, AC 24, 25: EI-MI ? \* \*\*
- 282, AD 24: mainly *ca.* 1050-900 \*\*
- 283, V 24: *ca.* MI-LI \*
- 284, AA 23: mainly *ca.* 600-450, possibly latter part
- 287, AB 23: *ca.* MI-LI \*\*
- 288, AB 23: late MI + \* \*\*
- 289, AB 19: mainly *ca.* 600-450, esp. latter part \*\*
- 290, S 14: mainly *ca.* 700-500 \*\*
- 291-292, S 14: mainly *ca.* 700-500 — \*\*
- 293, S 13: mainly 1050-900 + — \*\* (street)
- 294, V 12: EI; mainly MI-LI \*\*
- 295, T 12: *ca.* 1000-500 \*\*
- 296, T 13: mainly *ca.* 1000-500 — \*\*
- 297, V 13: mainly *ca.* 600-450 — \*\*
- 298, V 12: EB, EI; mainly *ca.* 700-500 \*\*
- 299, V 12: mainly *ca.* 600-450, esp. latter part
- 300, W 12: *ca.* 700-500, associations suggest latter part \*
- 301-302, W 12: mainly *ca.* 600-450, esp. latter part
- 304, Z 12: mainly *ca.* 1050-900 \*
- 305, Z 12: EB; mainly *ca.* 1050-900 \*
- 306, AD 14: mainly 600-450, esp. latter part — \*\*
- 307, AD 14: EB, MI, early LI \* \*\*
- 308, AD 14: mainly MI-LI \* \*\*
- 309, AD 14: EI, MI-LI \* \*\*
- 310, AC 13: EI-MI; mainly *ca.* 600-450, esp. latter part \*\*
- 313, AC 24: mainly *ca.* 1050-900 and MI-LI \*\*
- 314, AC 24: late EI; mainly late MI \* \*\*
- 315, AB 24: with sub fl. material, EB, EI-MI \* \*\*
- 316, AA 25: mainly *ca.* 600-450, esp. latter part \* \*\*
- 317, AA, AB, 25: mainly *ca.* 1050-900, & late MI \* \*\*
- 318, AA 25: *ca.* 1050-900; mainly *ca.* 600-450, esp. latter part \*\*
- 319, AA 25: *ca.* 1050-900, MI-LI \* \*\*
- 320, Z 25: mainly *ca.* 600-450 \*\*
- 321, Z 25: mainly *ca.* 600-450 — \*\* (street)
- 321, Z 25 II: EI, MI-LI \*\*
- 322-323, Z 25, AA 24: EI, MI-LI \* \*\*

## ROOMS

- 324, AA 24: mainly *ca.* 600-450, some material as late as 250 \*\*
- 325, AA 24: mainly *ca.* 600-450, esp. latter part \*\*
- 326, AA 24: *ca.* 700-450 \*
- 327, AA 24: mainly *ca.* 600-450, esp. latter part \*\*
- 328, Z 24: mainly *ca.* 600-450, esp. latter part — \*\*
- 329, Z 24: mainly *ca.* 600-450, esp. latter part \*\*
- 330, Z 24: mainly *ca.* 600-450 \*\*
- 331, AA 24: mainly *ca.* 600-450
- 332-333, AA 23: mainly *ca.* 600-450 \*\*
- 334, AA 23: mainly *ca.* 600-450
- 335-336, Z 23: mainly *ca.* 600-450 ? \*
- 337, Z 23: EB, EI; mainly *ca.* 600-450 \*\*
- 338-340, Z 23, AB 19, X 23: mainly *ca.* 600-450 ? \*
- 341, S 14: mainly *ca.* 600-450 — ? \*\*
- 342, W 13: mainly *ca.* 600-450 — ? \* \*\*
- 343, W 13: mainly *ca.* 600-450 ? \* \*\*
- 344, W 13: mainly *ca.* 600-450 \*\*
- 345, W 13: mainly *ca.* 700-500 \*\*
- 346-347, 349, W, X, 13: mainly *ca.* 700-500 \* \*\*
- 350, X 13: mainly *ca.* 600-450 — \*\*
- 352, V 13: mainly *ca.* 700-500 \* \*\*
- 353, V 13: mainly *ca.* 600-450 — \* \*\*
- 354, V 13: mainly *ca.* 600-450 — \*\*
- 355, V 14: mainly *ca.* 600-450
- 356, T 13: mainly *ca.* 600-450 \* \*\*
- 357, T 13: mainly *ca.* 700-500 \*\*
- 358, T 13: mainly *ca.* 700-500 — \*\*
- 359, T 14: mainly *ca.* 700-500 \*\*
- 360, T 14: mainly *ca.* 700-500, esp. latter part — \*\*
- 361, T 14: mainly *ca.* MI-LI \*\*
- 362, V 14: mainly *ca.* 600-450 \* \*\*
- 363, R 22: mainly MI-LI ? \*\*
- 364, R 22: mainly *ca.* 600-450 \* \*\*
- 365, R 22: mainly *ca.* 600-450 \*\*
- 366, R, S, 22: mainly *ca.* 6th cent.
- 368-370, R 22, S 22: mainly *ca.* 6th cent.
- 371, S, T, 22: EB, *ca.* 6th cent. ? \* \*\*
- 372, T 22: middle MI; mainly *ca.* 6th cent. ? \*\*
- 373, T 22: late 7th cent.; mainly *ca.* 600-450 \*\*
- 374, T, V 22: mainly *ca.* 600-450 \*\*
- 375, V 22: associations suggest latter phase of 6th cent. \*
- 376, V 23: associations suggest latter phase of 6th cent.
- 377, T 23: mainly *ca.* 600-450
- 378-380, T 23, V 23, 22: associations suggest 6th cent.
- 381, AB, AC, 19: mainly *ca.* 600-450 — \* \*\*
- 382, AC 19: mainly *ca.* 600-450 \* \*\*
- 383, AC 19: mainly *ca.* 600-450 + \* \*\*
- 384, X 12: EB, EI, MI-LI \* \*\*
- 385, AB 13, 14: EI, MI-LI \* \*\*
- 386, AB 14: mainly MI-LI
- 387, AB 14: mainly MI-LI +
- 388, AB 14: mainly *ca.* 700-500 \*
- 389-390, AB 14: mainly MI-LI — \*\*
- 391, AB 14: mainly MI-LI
- 392, AA 14: mainly MI-LI — \*\*
- 393, AA 14: mainly MI-LI + \*\*
- 394, AA 14: MI-LI \*\*
- 395, AA 14: mainly MI-LI \*\*
- 396, AZ 13: mainly MI-LI — \*\*
- 397, AA 14: mainly *ca.* 700-500 \*
- 398, Z 14: mainly *ca.* 700-500 — \*\*
- 400, V 22: associations suggest latter part of 6th cent.
- 401, AG 17: *ca.* 600-450
- Sub Rs. 401, 402: *ca.* 1050-600 \*\*
- Walls, Rs. 401, 421: *ca.* 10th cent. \*
- 402, AF 17: *ca.* 600-450 +
- Sub Rs. 401, 402: *ca.* 1050-600
- Walls, Rs. 402, 406: MI
- 403, AF 17: *ca.* 600-450 \*
- Walls, Rs. 403, 404: *ca.* 6th cent. \*
- Walls, Rs. 403, 408: MI-LI \*
- Sub Rs. 403, 404, 405: MI

## ROOMS

- 404-405, AF 17: *ca.* 600-450  
Walls, Rs. 405, 406: MI into 6th cent.  
406, AF 17: latter part *ca.* 600-450  
Sub R. 406: MI \*\*  
407, AG 17: *ca.* 600-450  
Wall, Rs. 407-424, 407-425: MI-LI ? \*  
408, AF 17: *ca.* 600-450  
409, AE, AF, 17: *ca.* 600-450, possibly toward latter part  
Wall, Rs. 409-410: 6th cent. ?  
Sub Rs. 409, 413: 6th into 5th cent. ?  
410, AE 17: mainly *ca.* 600-450, also *ca.* 7th cent. \*\*  
Sub R. 410: MI — \*\*  
411-412, AF 17: earlier part of *ca.* 600-450 ?  
Sub R. 412: *ca.* 6th cent. ?  
413, AF 17: latter part of *ca.* 600-450 ?  
Wall, Rs. 413, 427: same as R. 413 or slightly earlier  
414, AG 18: *ca.* 600-450  
Sub R. 414: *ca.* 1050-900  
Wall, Rs. 414, 417: late MI \*  
Under walls, R. 414, 421, under & in II wall: <sup>4</sup> *ca.* 1100-950  
Wall, 414, 422: MI and into 6th cent.  
415, AG 18: early part of 6th cent. \*\*  
Sub R. 415: late MI  
416, AG 18: *ca.* 6th cent.  
Wall, Rs. 416, 423: late MI \*  
Sub Rs. 416, 423, 424: EI-MI \*  
417, AG 18: 6th cent.  
Wall, Rs. 417, 418: MI ? \*  
418, AG, 18, 19: MI-LI, possibly early 6th cent.  
Sub R. 418: MI — \*\*  
419, AG 18: *ca.* 6th cent.  
420, AF 16: latter part of *ca.* 600-450 \*\*  
Sub R. 420: mainly MI  
421, AG 18: *ca.* 600-450 ? \*  
Sub R. 421: late EI & early MI  
422, AG 18: *ca.* 600-450  
423, AG 18: *ca.* 600-450 ? \*  
424, AG 18: early LI \* \*\*  
Sub R. 424: MI \*  
425, AF, AG, 18: latter part of *ca.* 600-450?  
Sub R. 425: MI ? \*  
426, AF 18: latter part of *ca.* 600-450 ?  
Wall, Rs. 426, 427: MI-LI ?  
Sub R. 426: late MI, early LI ?  
427, AF 18: 6th cent. possibly *ca.* 600-450  
Wall, Rs. 427, 428: 6th cent. ?  
Sub R. 427: MI-LI ? \*  
428-429, AF 18: latter part of *ca.* 600-450?  
Sub R. 429: mainly MI or latter part of MI into LI ? \*\*  
430, AF 18: MI-LI \*\*  
Wall, Rs. 430, 433: *ca.* MI-LI  
Wall, Rs. 430, 435, (probably 432): *ca.* MI-LI \*  
Sub R. 430: *ca.* 700-586  
431, AF, AG, 18: *ca.* 6th cent.\*  
432, AF, 18, 19: MI-LI  
Sub R. 432: MI, mainly latter part  
433, AF 19: *ca.* 700-586  
Sub R. 433: latter part of 700-586 ?  
434,<sup>5</sup> AE 17, 18: *ca.* 600-450, latter part \*\*  
Sub R. 434: *ca.* 6th cent.  
435,<sup>6</sup> AE 18: *ca.* 600-450 + \*\*  
Sub R. 435: *ca.* MI-LI  
436, AF 19: mainly MI-LI \*\*  
Sub R. 436: *ca.* 1000 into 7th cent.  
437, AF 19: MI-LI  
Sub R. 437: *ca.* 1000 into 7th cent.\*\*  
438, AF, AG, 19: late pre-exilic  
Sub R. 438: 7th cent.

## ROOMS

- 439, AF 19, 20: within 7th-6th cent.\*\*  
Sub R. 439: latter part of 7th cent.\*\*  
440, AF 19: 7th & 6th cent. ? \*\*  
Sub R. 440: 7th & 6th cent. ? \*\*  
441, AG 19: MI-LI \*\*  
442, AF 19: *ca.* 700- or 650-550 \*\*  
Sub R. 442: 8th & 7th cent.  
443, AG 19: MI-LI  
Sub R. 443: late MI  
444, AF 20, 21: *ca.* 700-586  
445-446, AF 20: mainly 7th & 6th cent. — \*\*  
447, AG 20 mainly 7th & 6th cent. + — \*\*  
448-449, AG 20: late pre-exilic  
450, AG 20: mainly 7th & 6th cent. \* \*\*  
451, AF 20: MI-LI  
452, AF 21: late MI \*  
453, AF 21: MI \*  
454, AF 21: late MI  
455, AF 21: *ca.* 7th & 6th cent. \* \*\*  
456, AF 21: 7th cent. ? \*  
457, AE 21: MI-LI \* \*\*  
458, AE 21: MI-LI to *ca.* 450 \* \*\*  
459, AE 21: MI-LI \* \*\*  
460, AE 20: *ca.* 550-450?  
461, AE 21: *ca.* 550-450 ? \*  
462, AE 20: mainly *ca.* 600-450 + \*\*  
463, AE 20: mainly *ca.* 600-450 — \*\*  
464, AE 19, 20: mainly late pre-exilic +  
Sub R. 464: *ca.* 7th cent. \*  
465-466, AD 21: mainly *ca.* 6th cent. — \*  
467, AD 21: 7th & 6th cent. \*\*  
468, AE 20: *ca.* 600-450 \*  
469, AD 21: 7th & 6th cent. \*\*  
470, Y 19: *ca.* 525-450 or 425  
471, Y 19: mainly *ca.* 600-450 \* \*\*  
472, Y 19: earlier part *ca.* 600-450 ?  
473, Y 19: latter part *ca.* 600-450 ?  
474-475, Y 18, V 17: *ca.* 600-450  
476, Y 18: earlier part 600-450 ?  
477, Y 18: *ca.* 575-450  
478, X, 17, 18: latter part *ca.* 600-450 ? \*\*  
479-481, X, V, 18: *ca.* 600-450 \*  
482, X 18: latter part *ca.* 600-450 ? \*\*  
483, Y 17, 18: earlier part *ca.* 600-450 ? \*\*  
484, Y 17: latter part *ca.* 600-450 ? \*\*  
485, Y 17: 600-450 \* \*\*  
486-487, Y 17: latter part *ca.* 600-450 ?  
488, X 17: earlier part *ca.* 600-450 ? \*\*  
489, X 17: latter part *ca.* 600-450  
490, X 17: earlier part *ca.* 600-450  
491, Y 17: 600-450 \*  
492, SW extra-mural: late pre-exilic + \*\*  
493, SW extra-mural: mainly MI-LI \* \*\*  
495, Y 16: earlier part *ca.* 600-450 ?  
496, Y 16: 600-450 \*  
497, AE 16: MI-LI ? \*\*  
498, AE 16: mainly late 7th & 6th cent. \*\*  
499, AE 16: *ca.* 1000-500 \*\*  
500, AE 16: 700-500 \*  
501, SW extra-mural: *ca.* 700-450 + \*\*  
502, AE 16: EI, MI; mainly 600 or 550-450 \*\*  
503, AE 16: *ca.* 700-500 \*  
Sub R. 503: mainly 7th cent.  
504, AE 17: mainly *ca.* 6th cent. \*  
505, AE 17: MI-LI \*  
506, AE 17: mainly 6th cent., possibly latter part of 7th  
Sub R. 506: *ca.* 1050-700 or into 7th cent. ? \*\*  
507, AE 16: *ca.* 1000-500 \*\*  
508, AE 17: *ca.* MI-LI \*  
Sub R. 508: *ca.* 900-700 \*\*  
509, AE 17: mainly *ca.* 6th cent.

<sup>4</sup> Inner city wall?<sup>5</sup> Cf. Rs. 506, 557, 561.<sup>6</sup> Cf. Rs. 559, 560.

## ROOMS

- 510, AE 17: *ca.* MI-LI  
 Sub R. 510: *ca.* 7th cent. ? \*
- Sub R. 511, AE 17: mainly *ca.* 6th cent.
- 512, AE 18: mainly MI-LI \*  
 Sub R. 512: mainly *ca.* 7th cent.
- 513-514, AE, AD, 18: *ca.* 700-586
- 515, AE 18: mainly *ca.* MI-LI \*\*
- 516, AE 19: late EI & *ca.* 700-500 \*\*  
 Sub R. 516: mainly *ca.* 1050-900, possibly MI \*\*
- 517, AE 18: MI-LI  
 Sub R. 517: late pre-exilic
- 518, AE 19: mainly late 7th & 6th cent. \*\*  
 Sub R. 518: latter part of MI
- 519, AE 19: mainly *ca.* MI-LI \*\*  
 Sub R. 519: MI into 7th cent. \*\*
- 520, AE 19: mainly MI-LI \*\*  
 Sub R. 520: late EI, MI into 7th cent. \*\*
- 521, AE 19: *ca.* 7th cent.  
 Sub R. 521: *ca.* 1050-700 \*\*
- 522, AE, AD, 19: *ca.* 700-450 + \*\*
- 523, AE 18: *ca.* 700-500 \* \*\*
- 524, AF 19: *ca.* 700-500 \*  
 Sub R. 524: mainly EI \*
- 525, AD 15: *ca.* 1000-500 \*\*
- 526, AD 15: *ca.* 850-500 \*\*
- 527, AD 15-16: *ca.* 700-500 \*\*
- 528, AD 15: *ca.* 1000-700 \*\*
- 529, AE 19: MI-LI \*
- 530-531, AC 14: *ca.* 600-450 \*\*
- 532, AC 14: *ca.* 600-450
- 533, AD 15: 700-450 \*
- 534, AC 15: 600-450, possibly latter part  
 Sub R. 534: late MI ?
- 535, AC 15: *ca.* 600-450, possibly latter part
- 536, AC 15: *ca.* 600-450
- 537, AB, AC, 15: late 7th cent. to *ca.* 450 \*\*
- 538, AC 15: *ca.* 575-450 +
- 539, AC 15, AD 15, 16: latter part *ca.* 600-450
- 540-541, AC 15: *ca.* 600-450 \*
- 542, AE 19: *ca.* 1050-700 \*
- 543, AF 18: MI-LI <sup>†</sup>
- 544, AF 17: MI-LI \*\*
- 545, AF 17: MI \* \*\*
- 546, AF 18: 1100-600, possibly into 6th cent.; mainly 7th cent. \*\*
- 547, AF 17: on stratigraphical grounds *ca.* 7th cent. + \*
- 549, AF 18: *ca.* 1050-850
- 550, AG 18: *ca.* 1050-850 ? \*
- 551, AF 17: *ca.* 1100-600, possibly into 6th cent. \*\*
- 552, AF 17: *ca.* 1050-800 ? \*
- 553, AF 18: mainly *ca.* 1100-700, possibly 7th cent. \*\*
- 554, AF 18: *ca.* 1000-700, possibly 7th cent. \*\*
- 555, AG 18: latter half of MI \*
- 556, AE, AF, 18: MI \* \*\*
- 557, AE 17: late EI; mainly MI-LI \*\*
- 559-561, AE 18: latter half of MI \*
- 562, AD 20: mainly latter half of MI + \*\*
- 563, AD 20: EI, some MI-LI \*\*
- 564, AD 20: mainly latter half of MI \*\*
- 565, AD 20: MI-LI \*\*
- 566, AC 14: mainly MI-LI \*\*
- 567, AD 20: *ca.* 600-450 \* \*\*
- 568, AD 19: mainly MI-LI, some 5th cent. \*\*
- 569, AD, AE, 19: mainly 600-450 \*\*
- 570, AD 19: late MI ? \*
- 571, AD 19: late MI
- 572, AD 19: MI-LI ? \*
- 573, AD 19: MI-LI ?
- 574, AD 20: MI-LI ? \*
- 575, 576, AD 18: mainly *ca.* 700-586 <sup>‡</sup>

## ROOMS

- 577, AD 18: mainly *ca.* 700-586 \*
- 578, AD 18: mainly *ca.* 700-586 +
- 579, AD 18: mainly *ca.* 700-586 + \*
- 580-581, AD 18: mainly *ca.* 700-586 +  
 Sub R. 582, AF 17: MI-LI \*
- 583, AD 17: MI-LI
- 584, AD 17: *ca.* 700-500 \* \*\*
- 585, AD 17: mainly *ca.* MI-LI —
- 586-587, AD 17: mainly *ca.* MI-LI \*\*
- 588, AC, AD, 17: *ca.* MI-LI  
 Sub R. 588: late MI
- 589, AD 17: associations suggest *ca.* 700-586 \*
- 590, AD 16, 17: *ca.* MI-LI
- 591, AD, AE, 17: *ca.* 700-500 \*
- 592, AD 16: *ca.* MI-LI
- 593, AD 16: *ca.* MI-LI \*
- 594, AD 16: 7th cent., MI-LI
- 595, AD 16: *ca.* 700-500
- 596, AD 16: *ca.* 700-500
- 597, AC 16: mainly latter part *ca.* 600-450 +
- 598, AC 16: mainly latter part *ca.* 600-450 ? \*
- 599, AC 16: *ca.* 600-450
- 600, AC 16: 600-450 \*
- 601, AC 16: 600-450 \*\*
- 602, AC 16: 600-450 \*  
 Sub R. 602: *ca.* MI-LI ? \*
- 603, AC 16: mainly *ca.* 600-450 \*\*
- 604, AC 16: *ca.* 600-450 + \*
- 605, AB 16: associations indicate 700-586 +
- 607, AC 17: mainly *ca.* MI-LI, esp. latter part \*\*  
 Sub R. 607: late MI ? \*
- 608, AC 17: mainly *ca.* MI-LI \*\*  
 Sub R. 608: mainly late MI \*\*
- 609-610, AC 17: mainly *ca.* MI-LI, esp. latter part \*
- 611, AC 17: mainly *ca.* MI-LI \*
- 612, AC 18: *ca.* MI-LI, esp. latter part \*
- 613, AB 15: mainly *ca.* MI-LI, esp. latter part \*\*
- 614, AB 15: associations and materials suggest late MI +
- 615, AB 16: *ca.* MI-LI \*\*
- 616, AB 16: mainly *ca.* MI-LI \*\*  
 Sub R. 616: late MI ? \*
- 617, AB 16: *ca.* MI-LI
- 618, AB 16: MI-LI \*
- 619-620, AB 16: MI-LI \* \*\*
- 621, AB 16: mainly MI-LI \*\*
- 622-623, AB 16: mainly MI-LI \* \*\*
- 624, AB 17: mainly MI-LI \*\*
- 625, AB 17: mainly *ca.* 700-586 \*\*
- 626, AB 17: *ca.* MI-LI \*\*
- 627, AB 17: mainly late MI \*
- 628, AB 17: mainly MI-LI \* \*\*
- 630, AB 18: *ca.* MI-LI +
- 631-632, AA 19: mainly *ca.* 600-450 \* \*\*
- 633, Z 19: mainly *ca.* 600-450 \*\*
- 634-635, Z 19: MI-LI ? \* \*\*
- 636, AA 19: mainly *ca.* MI-LI — \*\*
- 637, Z 19: *ca.* 600-450 ? \*
- 638, Z 19: *ca.* 600-450, esp. latter part
- 639-640, Z 19, 18, AA 19: mainly *ca.* MI-LI \*\*
- 641, Z 18: mainly *ca.* MI-LI
- 642, AA 18: mainly *ca.* MI-LI \*\*
- 643, Z 18: mainly *ca.* MI-LI
- 644, Z 17, 18: mainly *ca.* MI-LI \*\*
- 645, AA 18: mainly *ca.* MI-LI
- 646, AA 18: *ca.* 700-500 \*
- 647, Z 18: mainly *ca.* 700-500 \* \*\*
- 648, AA 18: mainly *ca.* MI-LI
- 649-650, AA, AB, 18: *ca.* MI-LI \*
- 651, AA 17, 18: mainly *ca.* 700-500 \* \*\*
- 652, AA 17: mainly *ca.* 600-450 \*
- 653, AA 17: EI, & *ca.* MI-LI \*\*
- 654, AA 17: mainly *ca.* 700-500 \*

<sup>†</sup> Note stratigraphical position of Rs. 543, 544, and 545.

<sup>‡</sup> Dating of Rs. 575-581 is by associations and materials.

## ROOMS

655, Z 17: mainly *ca.* MI-LI  
 656, Z 17: mainly *ca.* MI-LI \*\*  
 657, Z 17: mainly *ca.* MI-LI \* \*\*  
 658, AB 18: mainly *ca.* MI-LI  
 659, Z 17: mainly *ca.* MI-LI \* \*\*  
 660, AA 17: mainly 700-500 \* \*\*  
 661, Z 17: latter part 600 450

## ROOMS

662, Z 16: mainly *ca.* MI-LI \*\*  
 663-665, Z 15: mainly *ca.* MI-LI  
 667-668, AA, Z, 15: mainly *ca.* MI-LI \*\*  
 669-670, Z 15: mainly *ca.* 700-500 \* \*\*  
 671, AA 16: mainly *ca.* MI-LI \*  
 672, AA 15: mainly *ca.* 700-500 \* \*\*

## BINS, CAVES, CISTERNS, SILOS, AND TOMBS WITHIN THE WALLS

Abbreviations: Ca, cave; Ci, cistern; CT, cave tomb; Si, silo; T., tomb; comp., comparative or mainly comparative, i. e. based on parallels from other excavations.

CT 5-6: EB i-ii; iii ?  
 7: EB ? \*  
 Ci 33, AK 25: *ca.* 700-500  
 34, AL 25: MI-LI ? \*  
 36, AJ 24: *ca.* 700-586  
 37, AJ 25: late MI \*  
 38, AJ 25: late MI ? \*  
 49, AH 24: 7th cent.  
 Ci? 50, AF 24: MI-LI ?  
 51, AF 24: *ca.* 700-500 \*  
 Si 62, AH 23: mainly *ca.* 1100-900 or 850  
 Ci 78, AK 23: *ca.* 650-550, comp.  
 Sis 79, 80, 81, AK 23: *ca.* 1050-900 ?  
 Si 89, AL 23: EI-MI ? \*  
 92, AL 23: *ca.* 650-550 ?, comp.  
 103, AL 22: early EI ? \*  
 Ts. 107, 108, AL 22, AM 23: 1000-800 ? \*  
 Si 109, AL 23: 1050-850 ? \*  
 113, AL 23: EI ? \*  
 116, AL 22: 1150-1000, comp.  
 Ci 119, AK 22: *ca.* 650-550, comp.  
 127-128, AK 21: *ca.* 600-500, comp.  
 Si 134, 139, AK 22: EI ? \*  
 145, AJ 22: 1000-800 ? \*  
 Si or Ci 152, AJ 22: *ca.* 650-586 or 550, comp.  
 Ci 155, AH 20: MI-LI \*  
 156, AH, AJ, 20: *ca.* 625-550  
 Si 157: late MI ?; Greek frag. 2d half of 5th cent.  
 Ci 159, AJ 20: *ca.* 750-586 ?, comp.  
 160, AH 21: MI-LI \*  
 162, AK 22: MI + \*  
 163, AJ 21: *ca.* 650-550, comp.  
 165, AH 20: 7th-6th cent.; G. E. Wright  
 166, AG 20: *ca.* 625-550  
 T. 167, X 22: mainly *ca.* 500-400 +, comp.  
 168, Y 22: 500-400 ?, comp.  
 Si 169-170, AH 23, AJ 22: MI + \*  
 Ci 171, Q 16: *ca.* 650-550  
 Si 172, R 17: *ca.* 900-800 or 750  
 Ci 173, P 17: *ca.* 650-550  
 Bin 175, N 18: *ca.* 550-450  
 Ci 176, N 17: *ca.* 750-650  
 180, P 18: 6th cent. ? \*  
 183, P 18: *ca.* 450-200 ?  
 191, AG 25: *ca.* 625-500  
 Ca 193, AG 28: *ca.* 3200-2500 & *ca.* 950-400  
 193 A: *ca.* 3200-2500 & 10-9th cent.  
 193 B: *ca.* 3200-2500 & *ca.* 800-600  
 Ca 193 C: *ca.* 3200-2500 & *ca.* 950-700  
 193 D, E: *ca.* 3200-2500  
 193 N: *ca.* 700-400  
 Bin 195, AG 26: early LI ? \*  
 Si 203, R 17: 700-586 ? \*  
 204, R 17, II: *ca.* 900-800  
 207 A & B, Q, R, 17, II: before 800  
 209, Q 17, II: EB, EI  
 210, Q 17, II: EB-MB

212, Q 17, II: EB-MI  
 214, Q 17, II: EB, EI  
 215, Q 17: *ca.* 700-500  
 Ci 216, P 17: *ca.* 700-586, comp.  
 Si 218, P 17, II: EB, EI  
 Ci 220, Q 17: *ca.* 850 or 800-700, comp.  
 Si 222, R 16: MI  
 224, Q 16: *ca.* 550-450 ? \*  
 225, Q 17, II: *ca.* 900-700 ?  
 226, R 17: MI \*  
 Bin 227, AF, AG, 26: *ca.* 550-450 ? \*  
 Ci 231, AF 27: *ca.* 1000-850, 650-500, comp.  
 Bin 237, AD 26: MI-LI  
 Si 241, Q 16: EI ?  
 242, N 15: EB i & ii ?  
 Ca 243, N, P, 14: EB, EI  
 Si 244, N 17, II: *ca.* 3200-2900, comp.  
 247, N 18, II: 900-700  
 249, R 17, II: *ca.* 900-700  
 250, R 18: EB  
 251, Q 18: EB, IE-MI \*  
 252, Q 18, II: *ca.* 1000-800  
 254, Q 17, II: 10th cent. ?  
 256, Q 18, II: *ca.* 900-700  
 257, Q 18, II: *ca.* 1050-850  
 258, Q 18, II: *ca.* 900-700  
 259, Q 18, II: *ca.* 1000-900  
 Ci 260, Q 18, II: *ca.* 950-850, comp.  
 Si 261-262, R 18: EB, EI ? \*  
 264, Q 18: MI \*  
 271, Q 18, 19, II: *ca.* 900-700  
 Si or Ci 273, Q 19, II: *ca.* 900-700  
 Ci 276, Q 15, II: *ca.* 700-500 ? \*  
 Bin 283, AC 25: latter part MI  
 Ca 285, P 22: LI or Hellenistic ? \*  
 Ci 285, P 22: *ca.* 750-650 ?  
 Si 286, V 21: *ca.* 1100-900  
 287, T 21: 1050-900 ?  
 290, V 21: *ca.* 1100-950  
 291, W 13, II: *ca.* 1000-850  
 292, V 13, II: MI ?  
 293, V 13, II: 1050-900 or 1000-850  
 294, V 13, II: *ca.* 1100-1000  
 295, V 13, II: *ca.* 950-850 or 800  
 295 A: EI  
 295 B: *ca.* 1000-800  
 295 C: 7th cent.  
 296-297, V 13, II: MI  
 298 A & B, T 14: *ca.* 1000-850  
 299, T 14, II: *ca.* 950-850  
 300, T 14, II: *ca.* 950-800  
 301, AB 21: *ca.* 1050-900  
 Ci 302, T 14: *ca.* 8th cent.  
 Si 303, W, X, 13, II: *ca.* 900-700  
 Ci 304, AB 19: *ca.* 600-450  
 Si 305, X 13, II: MI  
 306 A & B, X 13: 7th cent.



- 306 C: *ca.* 700-650  
 307, W, X, 13, II: *ca.* 1050-900  
 308 A & B, W 13, II: *ca.* 1050-900  
 309, W 13, II: *ca.* 1050-900  
 310, X 13, II: *ca.* 950-700  
 Bin 311, AC 13: *ca.* 650-586 ?  
 Bin 312, AC 14: *ca.* 550-400  
 Si 313, X 13, II: *ca.* 800-700  
 314, X 13, II: *ca.* 900-700  
 315, X 12: EB i, ? ii  
 316, X 13, II: late 8th or 7th cent.  
 317, AB 14: *ca.* 700-586, comp.  
 318, 319, AB 14: *ca.* 700-586  
 320, AB 15, II: *ca.* 8th-7th cent., comp.  
 321, AB 14: *ca.* 700-586  
 323, AA 13: 1050-900 ? \*  
 Ci 325, AA 14, II: *ca.* 650-550  
 326, V 22: *ca.* 700-50  
 Si 327, AA 14: *ca.* 700-586  
 346-347, W 13: *ca.* 1000-800 ?  
 348, W 13, II: *ca.* 850-750 or 700  
 Bin 349, AF 17, II: *ca.* 600-550  
 Ci 351, AE 17, II: *ca.* 950-750  
 Bin 352, AD 20: *ca.* 1000-800 ?
- Si 353, AE 17, II: 900-700 ? \*  
 Ci 354, AD 18: *ca.* 700-586, or ? 8th cent.  
 Bin 355, AD 17: *ca.* 700-586  
 Ci 357, AC 15: *ca.* 700-586  
 358, AE 17: *ca.* 900-700  
 359, AD 17: *ca.* 800-700  
 361, AC 16: 5th into 4th cent.  
 Bin 362, AC 16: 5th cent. ? \*  
 Ci 363, AB 16: *ca.* 700-586 or 550, comp.  
 364, AB 15: *ca.* 700-586  
 Bin 365, 366, AB 15, 16, 17: *ca.* 700-586  
 367, AF 17: *ca.* 625-550; wall of bin *ca.* 550-500  
 Ci 368, 369, AG 19, AF 20: *ca.* 650-550, comp.  
 Ci 370, 371, AF, AG 20: *ca.* 700-586  
 Bin 372, Y 17: *ca.* 650-586  
 Si 373, SW extramural: *ca.* 700-550 ?  
 Bin 374-376, AE 16: *ca.* 700-586 ?  
 Si 377, AG 20: *ca.* 950-750  
 378, AF 19: *ca.* 900-700 ?  
 Bin 380-381, AD 15: *ca.* 1050-900  
 382, AD 15: MI or LI ? \*  
 383, AD 15: *ca.* 1000-900 or 850  
 384-385, AF 17: *ca.* 900-750  
 387, AG 18: 1050-900 ?

## TOMBS IN THE NORTH AND WEST CEMETERIES

- 2: Rom.-Byz.  
 3: MI ii \*, Hellen.  
 4: Hellen., Hellen.-Rom.  
 5: 9th-7th cent. \*  
 6: Hellen.-Byz.  
 7: MI ii  
 8: Rom. \*  
 9: Hellen.; Hellen.-Rom. \*; coin of Alexander Janneus  
 10: MI ii-Byz. ? \*  
 11: Byz.; coin of Anastasius; also EB  
 12: EB ib-ii; iii ?  
 13: Byz.  
 14: EI-MI ?; Rom.  
 15: Hellen. to Rom. \*  
 16: Rom.-Byz. ? \*  
 18: Rom. ?  
 19: MI ii-iii; Byz.  
 22: Byz.  
 23, 26: Rom. ? \*  
 29: 8th-7th cent.
- 30: Rom., Byz. \*  
 31: Rom. or Byz.  
 32: 10th-8th cent. (possibly 11th-7th); also EB and Byz.  
 33: Late Rom.; first third of 4th cent.  
 47: Rom. or Byz. ? (coin) \*  
 51: Rom. or Byz. \*  
 52: EB i-iii; iv ?  
 53: MI ii \*  
 54: 10th-9th cent. (possibly 11th-9th); EB \*  
 55: EB; MI ii-iii \*\*  
 56: Byz.  
 57-59: Hellen. or Rom. \*  
 60-62: EB i-iii ? \*  
 63: EB i \*  
 65: LC-EB iii \*  
 66: EB i; EB ii \*; EB iii ?  
 67: EB i  
 68: LC  
 69: EB, MB \*\*  
 71: Rom.



## PART II

### DESCRIPTION OF POTTERY TYPES



## CHAPTER I

### 1. ZIRS—SERIAL NUMBERS 1-122

#### PLATE 1

1 N18, II, x32. M 1101. Hard; lt red with slightly darker core; many white and dk grits; wet-smoothed out.; ins. slight rib effect, low and far apart; out. a few horizontal ridges. H. 1040 mm.+ Rims: X-2; I-21; Sub I-7; misc.-4. Handles: X-4; I-6; Sub I-2; misc.-1; T. 22-1. Bases: I-2; Sub I-1; misc.-4. (3, 5, 6, 11).

2 AJ19, x3. M 510. Reddish brown. H. 1110 mm.+ (3, 4, 5, 6, 11).

3 Z19X, x1. Med hard; out. med orange and ins. lt yellow brown over core of med gray containing some very fine white grits; wet-smoothed; weathered. D. ca. 200 mm. Rims: X-4; I-6; Sub I-3; II-1; misc.-2. (5).

4 AB25, Sub R. 228 I, x1. Hard; brown; large and med white grits; wet-smoothed. D. ca. 210 mm. (5).

5 Si 306B, X13, II, x16. Fairly soft; lt brown; med fine gray and white grits; wet-smoothed. D. ca. 200 mm. Rims: misc.-1. (5)

6 AB25, Sub R. 223 I, x43. Hard; lt orange brown with brown gray core; med gray and white grits; wet-smoothed. D. ca. 200 mm. (5).

7 AG17, Sub floor Rs. 401 and 402, I, x2. Hard; lt brown orange over core of gray brown containing a few masses of fine white, large and med brown and gray grits; orange brown slip-smoothed out. D. ca. 155 mm. Rims: X-2; I-8; II-2; misc.-2. (5).

8 AF20X, x1. Med hard; lt orange over mottled lt brown and med gray core; very fine and occ. small white grits; wet-smoothed. D. ca. 210 mm. Rims: X-1; I-3; Sub I-2; misc.-1. (5).

9 Z15X, x1. Med hard; lt orange brown over core of lt brown drab; occ. very fine and fine white grits; wet-smoothed; weathered. D. ca. 185 mm. Rims: X-1; I-4; Sub I-1; misc.-1. (5).

10 AB16, R. west of R. 613, x83. Med hard; out. lt orange brown, ins. lt brown orange over core of lt brown drab; very many very fine white grits; wet-smoothed. D. ca. 150 mm. Rims: X-2; I-4; Sub I-1; misc.-1. (5).

11 AG21X, x3. Med hard; out. lt brown, ins. med brown, core lt gray brown; many very fine white grits; wet-smoothed. D. ca. 200 mm. Rims: I-5; Sub I-3; misc. I-1. (5, 8).

12 AF19, Sub floor R. 437, I, x2. Med hard; lt brown; some very fine white grits and a few large gray grits; wet-smoothed. D. ca. 195 mm. Rims: X-3; I-5; Sub I-4; misc. I-1, II-1, Ci 369-1. (5).

13 R. 313, AC24, I, x1. Hard; lt brown with lt gray core; med gray and white grits; wet-smoothed. D. ca. 175 mm. Rims: X-1; I-6; Sub I-3; misc. I-3, II-2. (5).

#### PLATE 2

14 R. 298, V12, I, x5. Lt red orange, gray brown core; large gray grits; wet-smoothed. D. ca. 200 mm. Rims: X-5; I-8; Sub I-3; II-1; misc. II-1. (5).

15 AD15X, x2. Med hard; med brown drab, core of med gray drab; very many very fine and occ. fine and small white grits; wet-smoothed. D. ca. 175 mm. Rims: X-2; I-4; Sub I-1; misc. I-1. (5).

16 R. 420, AF16, I, x2. Hard; out. lt orange brown, ins. lt brown over lt brown gray core; very fine and occ. small white grits; wet-smoothed. D. ca. 200 mm. Rims: X-3; I-4; Sub I-3; misc. I-1, II-1. (5, 7).

17 Y12X, x53. Lt orange brown, gray core; large and very fine white grits. D. ca. 225 mm. Rims: X-1; I-1. (5, 7).

18 Z12X, x15. Coarse; mottled dk red brown and dk gray surface; large and med white grits. D. ca. 220 mm. Rims: X-1; I-2; Sub I-1. (5, 7).

19 R. 563, AD20, I, x4. Med hard; out. med orange, ins. lt brown drab, core med gray drab; very many very fine and occ. fine and small white grits; wet-smoothed. D. ca. 195 mm. Rims: X-3; I-15; Sub I-6; misc. I-6, II-2. (5, 7).

20 AA12, Sub I, x16. Hard; lt red orange, dk gray core; large black and white grits; wet-smoothed. D. ca. 220 mm. Rims: I-2. (5, 7).

21 S13X, x3. Lt reddish brown, gray core; med white and gray grits; wet-smoothed. D. ca. 180 mm. (5, 7).

22 R. 516, AE18, I, x2. Med brown, core of med gray drab; some very fine and occ. small white grits and fine scintillating particles; wet-smoothed. D. ca. 190 mm. Rims: X-2; I-5; Sub I-1; II-1. (5, 7).

23 R. 447, AG20, I, x1. Med hard; out. orange-brown, ins. lt brown, over gray core; many very fine and occ. small and large white and gray grits; wet-smoothed. D. ca. 200 mm. Rims: X-1; I-3; misc. I-1, II-1, Si 295A-1. (5, 7).

24 Si 292, V13, II, x2. Hard; lt brown surface, thick dk gray core; fine white grits. D. ca. 175 mm. (5).

25 R. 296, T13, I, x2. Lt brown out., gray-brown core; med and fine dk grits; wet-smoothed. D. ca. 180 mm. Rims: I-1. (5, 8).

26 Z12X, x14. Lt orange brown out., gray core; med white grits; wet-smoothed. D. ca. 225 mm. Rims: Sub I-1. (5, 7).

27 R. 294, V12 and 13, I, x4. Buff out., red brown core; large white and brown grits, fine gray and white grits; wet-smoothed. D. ca. 210 mm. (5, 7).

28 Si 62, AH23, x46. Brown with gray core; black grits; wet-smoothed. D. ca. 200 mm. Rims: X-2. (5, 7).

29 Street 321, Z25, II, x4. Hard; lt orange brown, brown core; large white and fine white grits. D. ca. 150 mm. Rims: I-2; Sub I-1; misc. I-1. (5).

30 Si 294, V13, II, x1. Hard; lt orange brown, dk gray core; med fine white and dk gray grits; wet-smoothed. D. ca. 165 mm. Rims: X-1; I-3; Sub I-1. (5).

31 X12X, E. of wall, x53. Hard; lt brown, dk gray core; med white and dk gray grits; wet-smoothed. D. ca. 190 mm. Rims: X-2; misc. I-1. (5).

32 R. 377, T23, I, x1. Fairly soft; lt red brown, lt brown core; small gray and white, fine white grits; wet-smoothed. D. ca. 220 mm. Rims: I-1; Sub I-1. (5).

#### PLATE 3

33 Si 157, x4. Brown. D. ca. 275 mm. Rims: I-4; misc. I-1. (5, 9).

34 AE19, Sub floor R. 519, I, x1. Hard; lt brown-red out., core med gray; very many very fine and occ. small

and large white grits; remains of greenish buff slip. D. ca. 190 mm. Rims: I-1. (5, 9).

35 Rs. 414 and 422, AG18, from walls between, x5. Med hard; lt brown; rim and ins. firing lt orange to a depth 92 mm. below rim; many very fine and occ. small and large white grits; wet-smoothed. D. ca. 230 mm. Rims: I-1. (5, 9, 13).

36 AA14X, x6. Very hard; lt brown out., lt brown under surface, gray core; very fine white grits. D. ca. 250 mm. Rims: Sub I-1. (5, 9).

37 R. 643, Z18, I, x4. Med hard; lt orange, core of med gray drab; very many very fine white grits and occ. white grits of other sizes; wet-smoothed; weathered. D. ca. 270 mm. Handle: X-1. (5, 9).

38 R. 239, Q15, I, x6. M 1093. Hard, sandy; lt red with lt brown core, out. below handles burned buff; occ. med white grits, and very many fine white grits; ins., and on out. of shoulder very slight rib effect; on top of right side handle are two finger impressions near wall attachment. H. 872 mm. Si 134-1. Rims: X-18; I-17; Sub I-2; misc. I-5, Ci 361-1, II-2. Handles: I-11; misc. I-4, II-1. Bases: X-2; I-4; Sub I-3; II-1; misc. I-2, II-2. T. 32-2. (3, 4, 5, 6, 8, 11).

39 R. 559, AE18, II, x2. Med hard; surfaces lt brown, core of med gray; very many very fine and occ. small and large white grits; wet-smoothed. D. ca. 135 mm. Rims: X-3; I-5; Sub I-1; II-1; misc. I-1. (5).

40 R. 462, AF20, I, x1. Med hard; out. lt brown orange, ins. lt red orange, core of med brown drab; occ. small and large white grits; wet-smoothed. D. ca. 170 mm. Rims: I-2. (5, 8).

41 R. 535, AC15, I, x1. Hard; out. lt orange brown, ins. lt brown orange, core of med red orange; very many very fine white grits; wet-smoothed. D. ca. 180 mm. Rims: I-1; Ci 361-2. (5).

42 AA12X, x7. Lt orange brown; med gray and brown grits; wet-smoothed. D. ca. 175 mm. Rims: I-1. (5).

43 AE17, Sub floor R. 412, I, x2. Med hard; med red orange, core med brown; many white grits of various sizes; wet-smoothed. D. ca. 175 mm. Rims: I-3; Sub I-3. (5).

44 R. 441, AG19, I, x3. Med hard; out. lt brown, ins. and core med gray brown; very many very fine white grits in core; wet-smoothed. D. ca. 200 mm. Rims: X-1; I-1; misc. II-1. (5, 6).

45 R. 514, AE18, I, x3. Med hard; lt brown, core of lt brown drab; many very fine white grits; wet-smoothed. D. ca. 165 mm. Rims: X-1; I-3; Sub I-2. (5, 6).

46 AA18X, x1. Med hard; lt yellow orange, core of lt yellow gray; many very fine and occ. small and large white grits; wet-smoothed; weathered. D. ca. 225 mm. Rims: X-2; I-6; Sub I-2; II-1; misc. I-1, II-1. (5).

#### PLATE 4

47 Z13, S. E. Corner, 91-105 cm., x50. Med hard; lt brown; core med gray drab; some white grits of various sizes; wet-smoothed; weathered. D. ca. 195 mm. Rims: X-3; I-6; Sub I-2; II-3; misc. I-1. (5).

48 Z13, S. E. Corner, 106-120 cm., x65. Hard; lt orange-brown, core of lt gray drab; many very fine and occ. fine and small white grits; wet-smoothed; weathered. D. ca. 180 mm. Rim: I-1. (5).

49 Z13, S. E. Corner, 151-165 cm., x121. Hard; lt orange brown, core lt brown; many very fine and occ. fine white grits; wet-smoothed; weathered. D. ca. 150 mm. Rims: X-2; I-3; Sub I-1. (5, 6).

50 AA13X, x25. Fairly soft; lt brown and brown, dk

brown core; very many very fine white grits; wet-smoothed. D. ca. 160 mm. Rims: X-1; I-4; Sub I-1; misc. II-1; Ci 285-1. (5, 8).

51 AC16X, x1. Med hard; lt brown, core lt brown drab; many very fine white grits; wet-smoothed; weathered. D. ca. 170 mm. Rims: X-1; I-12; Sub I-1; misc. I-1. (5, 8).

52 AF19, Sub floor R. 436, I, x3. Hard; med brown, core lt gray drab; fine, small, and large white grits; wet-smoothed. D. ca. 180 mm. Rims: I-3; II-1; misc. I-1. (5, 8).

53 AB17X, x3. Med hard; out. lt orange brown, ins. lt yellow brown, core lt brown; very many very fine and occ. small and large white grits; wet-smoothed. D. ca. 180 mm. Rims: X-1; I-2; Sub I-1. (5).

54 Z13, S. E. Corner, 136-150 cm., x107. Med hard; lt brown, core lt gray-brown; fine and small white grits and scintillating particles; wet-smoothed. D. ca. 170 mm. Rims: X-3; I-6; Sub I-1. (5).

55 R. 432, AF18, I, x10. Med hard; out. lt brown, ins. lt orange brown, med brown core; very many very fine and occ. large white grits; wet-smoothed. D. ca. 210 mm. Rims: I-2; misc. I-1. (5, 6, 10).

56 R. 671, AA16, I, x1. M 2878. Med hard; surfaces mottled lt orange, buff and lt brown, core of lt brown; very many white grits of various sizes and many large black grits; wet-smoothed; finger impression on one handle; the other handle bears faint incised cross. H. 990 mm. D. of rim 160 mm. Rims: X-3; I-4; Sub I-3; Ci 369-1. Handles: X-10; I-8; Sub I-2; misc. I-3, II-5; Ci 325-1. Bases: X-3; I-7; Sub I-2; II-3; Si 348-1. Ca. 750-450 B. C. (3, 4, 5, 10, 11).

57 R. 432, AF18, I, x9. Med hard; lt brown, med brown core; very many very fine white grits; wet-smoothed. D. ca. 200 mm. Rims: I-16; Sub I-1; misc. I-1, II-1. Ci 320-1. (5, 10).

58 AA17X, x2. Med hard; lt orange brown, core of med brown drab; some very fine and fine white grits; wet-smoothed; weathered. D. ca. 200 mm. Rims: I-1; misc. I-1. (5, 10).

59 AA18X, x3. Med hard; med red orange, core lt red-brown; very many very fine white grits and occ. scintillating particles; wet-smoothed; weathered. D. ca. 170 mm. Rims: X-1; I-3. (5, 10).

60 AF18, Sub floor R. 430, I, x2. Med hard; out. lt red, ins. lt brown, core lt brown drab; many very fine and occ. large white grits; wet-smoothed. D. ca. 200 mm. Rims: X-3; I-8; Sub I-1. (5, 10).

61 Z13, S. E. Corner, 106-120 cm., x63. Med hard; lt brown and lt orange, core of med gray drab; very many very fine and occ. fine and small white grits; wet-smoothed. D. ca. 185 mm. Rims: X-1; I-4; Ci 361-1. (5, 10).

#### PLATE 5

62 AD17X, x5. Med hard; lt red orange out., lt orange brown ins., core lt brown; white grits of various sizes; wet-smoothed. D. ca. 175 mm. Rims: X-1; I-3; misc. I-1. (5, 10).

63 AC15X, x2. Med hard; lt brown drab out., med brown drab ins., core lt gray drab; very many very fine and occ. small and large white grits; wet-smoothed. D. ca. 165 mm. Rims: X-3; I-4; II-1. (5, 10).

64 R. 406, AF17, I, x12. Med hard; lt gray brown, med gray core; very many very fine white grits, also occ. extra large lt brown and white grits; wet-smoothed. D. ca. 200 mm. Rims: I-1. (5, 10).



65 AA13X, x40. Hard; lt brown, gray core; very many very fine white grits; wet-smoothed; incised decoration. D. ca. 220 mm. (5, 10).

66 AE17, Sub floor R. 412, I, x1. Med hard; out. and core of med brown, ins. lt orange brown; very many very fine white grits and occ. fine, small, and large white grits; wet-smoothed; both surfaces smoke blackened. D. ca. 200 mm. Rims: I-3; Sub I-1; II-1. (5, 10).

67 AE18X, x11. Med hard; lt brown, core lt brown drab; very many very fine and occ. fine white grits; wet-smoothed; weathered. D. ca. 180 mm. Rims: X-7; I-21; Sub I-3; misc. I-1. (5, 10).

68 AF19, Sub floor R. 436, I, x2. Med hard; lt brown drab, core med brown drab; occ. very fine and large white grits and scintillating particles; wet-smoothed. D. ca. 135 mm. Rims: X-7; I-20; Sub I-3; II-3; misc. II-2. (5, 10).

69 AD17X, x4. Med hard; lt brown; very many very fine and small white grits; wet-smoothed. D. ca. 150 mm. Rims: X-3; I-11; Sub I-1; II-1. (5, 10).

70 Si 306A, X13, II, x2. Fairly hard; lt brown, gray core; very fine white grits; wet-smoothed. D. ca. 190 mm. Rim: X-1. (5, 10).

71 X13, East of R. 347, x20. Hard; lt red brown; med gray, fine white grits; wet-smoothed. D. ca. 220 mm. Rims: X-9; I-15; II-2; misc. I-1, II-1; Ci 370-1; T. 168-1. Handles: X-5; I-13; Sub I-5; II-1; misc. I-5; Si 348-1; Ci 369-1. (5, 10, 11).

72 AB17X, x1. Med hard; lt brown drab out., lt orange brown ins., core med brown drab; very many very fine and occ. fine and small white grits; wet-smoothed. D. ca. 185 mm. Rims: X-1; I-8; Sub I-2; Si 348-1. (5, 10).

73 AA19X, x1. Med hard; lt yellow brown out., lt yellow orange ins., core lt brown; very many very fine and occ. fine white grits; wet-smoothed; weathered. D. ca. 150 mm. Rims: X-3, I-6; Sub I-1; II-1; misc. II-1. (5, 10).

74 Z13, S. E. Corner, 136-150 cm., x106. Med hard; lt orange brown, core lt brown; many very fine white grits; wet-smoothed; weathered. D. ca. 170 mm. Rims: X-1; I-10; Sub I-2; Ci 369-1. (5, 10).

75 AE20X, x3. Hard; lt brown, core lt gray brown; very many very fine and occ. small and large white grits; wet-smoothed; weathered. D. ca. 230 mm. Rims: X-1; I-2; Sub I-1. (5, 10).

76 Z19X, x2. Med hard; lt yellow orange, core lt brown drab; many very fine white grits; wet-smoothed; weathered. D. ca. 180 mm. Rims: X-2; I-3; Sub I-1; misc. II-1. (5, 10).

77 AC16X, x3. Med hard; lt gray drab, core lt brown drab; very many very fine white grits; wet-smoothed; weathered. D. ca. 170 mm. Rims: X-7; I-14; misc. I-1; Si 348-1; T. 9-1. (5, 10).

78 AB16X, x2. Med hard; lt orange brown, core med brown; very many very fine white grits; wet-smoothed. D. ca. 180 mm. Rims: X-3; I-5; Sub I-2. (5, 10).

79 AB17X, x2. Med hard; lt orange brown, core lt gray; very many very fine white grits; wet-smoothed. D. ca. 215 mm. Rims: X-10; I-24; Sub I-1; misc. I-1. (5, 10).

80 R. 410, AE17, I, x9. Med hard; lt red orange, core lt brown; very many very fine and occ. small and large white grits; wet-smoothed. D. ca. 175 mm. Rims: X-1; I-9. (5, 10).

81 R. 414, AG18, I, x3. Med hard; lt brown, core lt gray; many white grits of various sizes; wet-smoothed; weathered. D. ca. 225 mm. Rims: I-1. (5, 10).

## PLATE 6

82 AB15X, x1. Med hard; med red brown, core lt gray; some very fine and large white grits; wet-smoothed; weathered. D. ca. 180 mm. Rims: I-2; Sub I-1. (5, 10).

83 AG20X, x1. Med hard; lt orange brown, core med brown; many very fine white grits; wet-smoothed. D. ca. 200 mm. Rims: X-2; I-5; Ci 320-1. (5, 10).

84 R. 337, Z23, I, x1. Very hard; lt brown, orange brown core; fine white grits; wet-smoothed. D. ca. 175 mm. (5, 10).

85 AB16X, x1. Med hard; med brown drab, core med brown; very many very fine and occ. small and large white grits; wet-smoothed; weathered. D. ca. 170 mm. Rims: X-1; Ci 361-1. (5, 10).

86 AD17X, x2. Med hard; lt orange brown, core lt brown drab; very many very fine white grits; some fine and small white grits; wet-smoothed. D. ca. 190 mm. Rims: I-1; misc. I-1. (5, 10).

87 R. 655, Z17, I, x3. Med hard; lt brown orange, core lt brown drab; some very fine and occ. fine and small white grits; wet-smoothed; weathered. D. ca. 195 mm. Rim: I-1. (5, 10).

88 AE18X, x12. Med hard; lt orange brown, core lt gray drab; very many very fine and occ. small and large white grits; wet-smoothed. D. ca. 180 mm. Rims: X-7; I-15; Sub I-3. (5, 10).

89 R. 643, Z18, I, x1. M 2877. Med hard; buff and lt orange-brown out., ins. and core lt brown to drab; very many very fine and some small and large white grits; wet-smoothed. D. of mouth 140 mm. at narrowest point. H. 1150 mm. Rims: X-13; I-19; Sub I-1; misc. I-1, II-1; Ci 370-1. Handles: X-4; I-19; misc. I-6. Bases: I-1; misc. I-1. Ca. 700-450 B.C. (3, 4, 5, 10, 11).

90 R. 643, Z18, I, x3. Hard; med brown orange, core med brown; very many very fine and occ. fine white grits; wet-smoothed; weathered. D. ca. 150 mm. Rims: X-4; I-2. Handles: X-3; I-4; Sub I-2; Si 348-1. (3, 4, 5, 10, 11).

91 AD15X, x1. Med hard; med brown drab, core med gray drab; very many very fine and occ. large white grits; wet smoothed. D. ca. 170 mm. Rims: X-5; I-15; misc. I-1; Ci 370-1. (5, 10).

92 R. 402, AF17, I, x12. Med hard; lt yellowish orange out., lt red orange ins., red orange core; many very fine white grits; slip-smoothed. D. ca. 190 mm. Rims: X-1; I-1. (5, 10).

93 AF18X, x49. Med hard; lt brown, med gray core; very many very fine white grits; wet-smoothed. D. ca. 220 mm. Rims: I-2; Ci 325-1, Ci 369-1. (5, 10).

## PLATE 7

94 R. 341, S14, I, x1. Hard; drab core, lt brown surface; fine white grits; wet-smoothed. D. ca. 175 mm. Rims: X-4; I-11; Sub I-1; misc. II-1; Si 295C-1. (5, 10).

95 X12X, above and east of city wall, x68. Fairly hard; lt orange brown, lt red brown core; fine white grits; nearly entire surface closely burnished. H. ca. 570 mm. Rims: X-4; I-5; Sub I-1; misc. II-1; Ci 370-1. Handles: X-2; I-1. Bases: X-1. (1, 3, 4, 5, 10, 11, 12, 13, 14).

96 AC14X, x11. Hard; lt orange brown, brown core; few fine white grits; wet-smoothed; impressed design. D. ca. 180 mm. Rims: X-10; I-1; Ci 361-1. (1, 5, 10, 13).

97 AE17, Sub floor R. 506, I, x3. Med hard; med orange brown out., lt brown ins., core med gray drab; some very fine and occ. small and large white grits; wet-smoothed. D. ca. 150 mm. Rims: I-1; Sub I-1. (8).

98 AG18, Sub floor R. 424, I, x2. Hard; lt brown out., lt yellow brown ins., core med gray drab; many very fine white grits; wet-smoothed. D. ca. 160 mm. Rims: I-1; Sub I-1; misc. I-2, II-1; Si 295A-1. (8).

99 AE19X, x1. Med hard; med brown drab, core lt brown drab; occ. white grits of various sizes and fine scintillating particles; wet-smoothed. D. ca. 160 mm. Rims: I-2. (8).

100 R. 426, AF18, I, x9. Med hard; lt orange brown and lt brown mottled out., core and ins. lt brown; very many very fine white grits; wet-smoothed. D. ca. 250 mm. Rims: I-1. (1).

101 R. 433, AF19, I, x1. Hard; lt brown orange out., lt. brown orange ins., core med brown; very many very fine and occ. small white grits; wet-smoothed; weathered. D. ca. 238.5 mm. (1).

102 R. 337, Z23, I, x2. Very hard; brown surface, drab core; fine brown grits; wet-smoothed; ribbed decoration, conical shaped knob on lowest rib. D. ca. 250 mm. (1).

103 R. 506, AE17, I, x2. Med hard; lt red, core lt brown drab; very many very fine and occ. small white grits; wet-smoothed. D. ca. 175 mm. (1).

104 R. 624, AB17, I, x4. Med hard; lt orange brown; very many very fine and occ. small white grits; wet-smoothed. D. ca. 190 mm. Rims: I-2. (1).

105 AD14X, W. of City Wall, x18. Brown surface; med brown grits; wet-smoothed. D. ca. 240 mm. (1).

106 AA14X, x5. Hard; lt brown; fine white and small gray grits; wet-smoothed. D. ca. 160 mm. (1).

107 R. 478, X18, I, x1. Med hard; lt brown; core med gray drab; very many very fine and occ. small and large white gray grits; wet-smoothed. Handles: I-2; II-1.

108 R. 519, AE19, I, x4. Med hard; lt brown out., med brown ins., core merging; very fine and occ. small white grits, small and med brown grits; wet-smoothed. Handles: X-1; I-1.

109 R. 436, AF19, I, x33. Hard; lt red out., red brown ins., core brown; many very fine white grits; greenish cream slip on outer surface. Handle: I-1.

110 R. 562, AD20, I, x4. Hard; brown, core darker brown; very many white grits of various sizes; greenish cream slip on outer surface. Handles: I-2.

#### PLATE 8

111 R. 662, Z16, I, x4. Med hard; lt brown orange; very many very fine and some fine, small, and large white grits; wet-smoothed; weathered. Handles: I-2. (11).

112 R. 478, X18, I, x2. Med hard; lt brown out., lt orange brown ins., core med brown; many very fine white grits; wet-smoothed. Handles: X-2; I-1; misc. I-1. (1, 11).

113 Ca 193, AG28, E. Slope, Basket 12, x28. Sandy; red with lt brown core; many med white and dk masses. L. 195 mm. (11).

114 T. 32, E. Strip, x4. Very hard; brown, lt gray core; small and fine white grits. (11).

115 AG18, Sub floor R. 414, I, x2. Med hard; lt orange brown, core lt gray drab; some very fine and occ. small white grits; wet-smoothed. Bases: X-1; I-2. (1, 12).

116 R. 653, AA17, I, x5. Med hard; lt yellow orange out., lt gray ins., core merging; many white grits of various sizes; wet-smoothed; weathered. Bases: I-2; misc. II-1. (1, 12).

117 T. 7, x3. Fairly soft; brown with dk brown core;

small and fine white grits; wet-smoothed; fire-blackened in one spot. (12).

118 T. 32, S. Strip, x76. Fairly soft; lt brown, lt gray core; large and fine white grits; wet-smoothed. Bases: I-1; misc. I-1. (12).

119 R. 274, T23, I, x12. Base of zîr with hole (possibly used as funnel). Fairly hard; lt red brown, lt brown core; med gray and fine white grits; wet-smoothed. Bases: I-1; Sub I-2; misc. I-1. (12).

120 Bin 387, AG18, x2. Med hard; lt brown out., lt brown drab ins., core med gray; occ. very fine white grits; wet-smoothed. Bases: X-2. (1, 12, 43 note 40).

121 R. 234, AC24, I, x1. Fairly soft, flaky; lt orange brown, gray core; med black grits; wet-smoothed; weathered. D. ca. 65 mm. Bases: I-2. (1, 12, 43 note 40).

122 R. 475, Y18, I, x2. Med hard; lt brown core, mottled lt brown and lt gray drab; occ. very fine white grits and some large and small gray brown and white grits; wet-smoothed; badly weathered. (12).

#### 2. HANDMADE JARS—SERIAL NUMBERS 123-186

123 CT 5, AK26, x3. M 77. Ledge handle, pushed-up folded; lt orange brown, coarse, flaky; med and large white and brown grits. H. 340 mm. Rims: X-2; Sub I-1; T. 54-1. Handles: Si 306C-1; T. 61-2. (18 notes 9 and 10, 24).

124 T. 67, x1. Ledge handle, pushed-up folded; med hard; lt yellow brown and lt orange brown out., ins. and core lt brown drab; some very fine white grits; wet-smoothed; weathered. Calculated H. 325 mm. Rims: I-1; misc. 1; Cave-R. 68-1. Handles: X-2; I-1; Sub I-2; misc. 1; T. 12-3. Bases: X-1; T. 63-1. (18 note 10, 24).

125 T. 12, x1. M 1553. Fairly soft; lt orange brown; med brown grits; wet-smoothed; weathered. H. 273 mm. Handles: X-3; I-2; Sub I-1; misc. 1; T. 32-2. Bases: Cave-R. 68-1; T. 61-1. (19).

#### PLATE 9

126 CT 5, AK26, x5. M 79. Indented ledge handles, vertical spout, and small ledge handle on shoulder opposite spout; soft; mottled buff to lt orange brown, small, med, and large white and brown grits; surface smoothed with blunt instrument. H. 207 mm. Bases: X-1; I-1; Cave-R. 68-1. (19).

127 T. 12, x2. M 1554. Two ledge handles; small knob handle on shoulder; fairly hard; brown, red brown surface in places; med white grits; wet-smoothed. H. 325 mm. Rim: Misc. 1. Handles: X-2. Bases: X-4; I-3; misc. 2; Ts. 54-1, 61-2. (19).

128 T. 12, x7. M 1559. Two protuberances on shoulder—[female (?) jar]; two ledge handles; false spout; fairly soft; brown; med brown grits; wet-smoothed. H. 245 mm. Base: T. 63-1. (19).

129 CT 6, AK26, x2. M 4. False spout, two plain ledge handles, vertical ridge opposite spout; moderately fired; reddish buff; large white grits and minute brown; reddish buff slip; red painted horizontal and diagonal lines. H. 138 mm. (19).

130 CT 6, AK26, x59. M 62. False spout, two plain ledge handles; buff; large grits of white and gray; uneven and pitted surface; buff slip; linear decoration in dk red paint. H. 112 mm. (19).

131 CT 6, AK26, x15. M 18. Two plain ledge handles tilting from the horizontal in opposite directions;

moderately fired; buff, no grits visible; lt creamy slip; linear decoration in red to grayish brown paint. H. 93 mm. (20).

132 CT 6, AK26, x33. M 36. Plain ledge handles; buff; with white grits; ladder decoration in dk red paint. H. 95 mm. (20).

133 CT 6, AK26, x51. M 54. Plain ledge handles; buff; some grits; strongly blackened from fire; lattice decoration in dk (red?) paint. H. 104 mm. (20).

134 CT 6, AK26, x24. M 27. Med rough surface; lt brown with creamy spots; few med and small white grits; wet-smoothed; remains of small vertical and diagonal red painted lines on body starting from base of rim. H. 87 mm. (20).

135 CT 6, AK26, x7. M 10. Fairly fine texture; lt brown; few med white grits; wet-smoothed carefully; out. and rim covered with red slip. H. 105 mm. (20).

136 Ca 193, AG28, x38. M 935. Rather hard; lt brown to orange; a few med white and brown grits; irregular horizontal and vertical red painted lines on out. H. 127 mm. Rim and wall: T. 32-1. (20).

137 CT 6, AK26, x49. M 52. Two chipped ledge handles probably pushed up (?); moderately fired; grayish buff; coarse clay with numerous white grits; air holes visible on surface. H. 117 mm. (20).

138 CT 6, AK26, x58. M 61. Soft; mottled lt brown and lt orange brown; some small, med, and large white grits. H. 106 mm. (20).

139 T. 66, x1. M 2685. Med hard; lt yellow brown; occ. white grits of various sizes, some extra large; wet-smoothed; weathered. H. 163+ mm. Handle: T. 55-1. (20).

140 T. 67, x3. M 2724. Med hard; lt yellow brown; some very fine white grits; wet-smoothed; weathered. H. 117 mm. (20).

141 T. 67, x2. M 2723. Med soft; buff; occ. very fine white grits; wet-smoothed; weathered. H. 158 mm. Handle: T. 63-1. (20).

142 P15, II, x6. M 825. Lt brown; some med and large white and brown grits. H. 55 mm.+ (20).

143 Ca 193C, Debris S, Si C, AG28, x35. M 947. Handmade in two sections; coarse; lt orange brown. H. 80 mm. (20).

144 CT 5, AK26, x8. M 82. Coarse; lt orange brown surfaces, lt gray brown beneath; small med and large white and brown grits. H. 158 mm. (20).

#### PLATE 10

145 CT 6, AK26, x12. M 15. Well fired; red with traces of burning; rather fine clay, small grits and occ. large lumps; dk red slip, mostly worn, heavy lime deposit (wash?). H. 242 mm. (21).

146 CT 5, AK26, x7. M 81. Mottled lt brown and lt orange brown; small, med, and large white and brown grits; clear evidence of chopped straw; wet-smoothed, some evidence of red slip. H. 180 mm. Rim: T. 61-1. (21).

147 CT 6, AK26, x48. M 51. Reddish; painted in red stripes. H. 115 mm. Handle: I-1. (21).

148 Q18X, II, x53. Rim and basket handle frag. Weathered seal or mark on top side of handle near rim. Probably handmade; coarse; orange brown, black core; med grits of dk material. (21).

149 CT 5, AK26, x30. M 0133. Hard; mottled lt brown and lt orange brown; some small to large white and brown grits. H. 300 mm. Bases: X-6; I-2; misc. 2; Cave-R. 68-1; T. 61-1. (22).

150 T. 61, x1. Hard; lt orange brown; occ. med and fine white grits; wet-smoothed; weathered. D. ca. 210 mm. Rim: X-1. (22).

151 T. 61, x2. Med hard; lt orange brown, core mottled lt brown drab and lt orange brown; an occ. very fine white grit and some med brown grits; wet-smoothed; diagonal incisions on out. D. 150 mm. Rims: X-2; misc. II-1. (22).

152 T. 61, x3. Med hard; lt brown orange; a few very fine and occ. large white grits; wet-smoothed; weathered. D. ca. 135 mm. (22).

153 Cave-Room 68, x2. Med hard; lt orange yellow out., lt orange brown ins., core merging; occ. fine and small white grits; wet-smoothed; weathered. D. ca. 150 mm. (22).

154 Cave-Room 68, x3. Med hard; coarse lt yellow brown; small and med brown grits; wet-smoothed; weathered. D. ca. 135 mm. (22).

155 T. 54, x10. Med hard; lt brown orange out., lt brown drab ins., core merging; white and yellow brown grits of various sizes; wet-smoothed. D. ca. 220 mm. Rims: X-3; I-1; T. 51-1. (22).

156 Cave-Room 68, x4. Soft; lt orange brown; occ. white and brown grits of various sizes; weathered. D. ca. 240 mm. Rims: I-1; misc.-1. (22).

157 Cave-Room 68, x5. Soft; lt brown orange out., med brown drab ins., core merging; some white grits of various sizes; wet-smoothed; rope-like band at shoulder. D. ca. 120 mm. (22).

158 Cave-Room 68, x7. Med hard; lt brown orange, lt brown drab, and dk gray out., lt brown orange ins., core merging; many white grits of various sizes and med and large gray and brown grits; wet-smoothed; weathered. D. ca. 190 mm. Rim: Cave-R. 68-1. (22).

159 Cave-Room 68, x6. Soft; mottled lt brown drab and lt gray out., lt brown orange ins., core merging; many white grits of various sizes; wet-smoothed; weathered. D. ca. 240 mm. (22).

160 Cave-Room 68, x12. Med hard; lt orange brown out., dk gray ins., core merging; occ. fine and small white grits; imp. as drawn; wet-smoothed; weathered. D. ca. 185 mm. (22).

161 Dump, AB25 and 26, Sub I, x5. Buff surface, gray core; med white and gray grits; wet-smoothed; two blunt holes imp. near rim ca. 31 mm. apart. (22).

162 R. 120, N16, I, x10. Buff; depressions along edge. (22).

163 T. 66, x2. Med hard; lt orange brown; occ. white grits of various sizes; imp. as drawn; wet-smoothed; weathered. D. not determined. (23).

164 Cave-Room 68, x10. Med hard; med brown drab; many very fine and large white grits and some very fine scintillating particles; imp. as drawn; wet-smoothed; surfaces slightly smoke blackened. (23).

165 Cave-Room 68, x11. Med hard; lt brown out., lt orange brown ins., core merging; white, gray, and brown grits of various sizes; imp. as drawn; wet-smoothed; inner surface somewhat blackened. (23).

#### PLATE 11

166 Cave-Room 68, x8. Med hard; lt brown drab, core med brown drab; white and gray grits of various sizes and fine scintillating particles; wet-smoothed; slightly smoke blackened. D. ca. 275 mm. (23).

167 Cave-Room 68, x9. Med hard; lt orange brown; occ. white and gray grits of various sizes; wet-smoothed; band with diagonal imp. (23).

168 T. 12, x8. Small cone near rim; soft; brown, gray core; large and small silicate grits; wet-smoothed. D. ca. 130 mm. Rims: Ts. 12-1, 63-1. (23).

169 T. 61, x4. Med hard; out. and core of med brown, ins. lt brown orange; many small and large white grits and scintillating particles. D. ca. 270 mm. (23).

170 T. 63, x2. Soft; med gray brown; many fine small and large white grits and fine scintillating particles; wet-smoothed; weathered. (23).

171 N.E. Necropolis from under a ledge, x2. Med soft; surfaces lt brown, lt orange brown core; many white grits of various sizes and scintillating particles; wet-smoothed; evidence of smoke blackening on rim; much weathered. D. ca. 215 mm. (23).

172 N.E. Necropolis from under a ledge, x3. Med soft; lt orange to med brown; many fine and large white and gray scintillating particles; wet-smoothed (?); weathered. (23).

173 AA12X, x43. Mottled brown and gray; large white and med crystal grits; wet-smoothed. D. ca. 300 mm. (23).

174 Dump S12, 13, 14, T13, 14, V12, 13, I, x27. Lt orange brown surface, brown core; few small gray grits; wet-smoothed; edge of rim and top of ridge have impressed decoration. (23).

175 Cave-Room 68, x14. Med hard; lt yellow brown; some white grits of various sizes; wet-smoothed; weathered. D. of spout 17.5 mm. (23).

176 CT 5, AK26, x17. M 91. Fairly soft; orange-red; many med and small gray grits. H. 167 mm.+ (23).

177 T. 52, x25. In fragments; hard; lt orange brown, brown core; few fine white grits; wet-smoothed. H. 148 mm. Rim: T. 67-1. (23).

178 R. 137, Q16, x4. Ledge handle, slightly finger waved (wavy type?); coarse; lt orange brown; some med brown grits. L. 115 mm. Handles: X-7; I-4; Cave-R. 68-1; misc.-1. (24).

179 N14, from the City Wall, V layer, x15. Orange red; many med gray grits and some small scintillating particles. L. 85 mm. Thumb indented see SAOC, 10. Handles: I-1; II-1. (24).

180 Q16X, II, x23. Lt red; med white grits; weathered. Small-thumb indented. Handles: X-1; Sub I-1. (24).

181 R17X, II, x4. Hard; lt orange brown; med and small white grits. L. 90 mm., W. 28 mm. Pushed up type see SAOC, 10. Handles: X-1; I-3; Sub I-3; misc. 2. (24).

182 R. 470, Y19, I, x6. Soft; lt brown; small med and large white and gray grits; wet-smoothed; weathered. Handle: Sub I-1. (16, 25).

183 Ca 193, Hole D, AG28, x15. Hard, coarse; orange; top of handle has two lines of closely placed round incisions, probably made by use of grass stem. Handles: X-2; misc.-1. (16, 25).

184 Cave-Room 68, x19. Soft; lt orange brown out., buff ins., core merging; occ. very fine white grits; wet-smoothed; weathered. (25).

185 P22X, x11. Fairly soft; lt orange brown, gray core; large and small white grits; wet-smoothed. D. ca. 230 mm. Bases: I-2; misc. II-2; T. 11-1. (25).

186 Entrance of T. 54, x1. Med soft; lt orange brown, core med gray drab; very many very fine white grits and occ. small white grits; wet-smoothed. D. 105 mm. (25).

### 3. HANDMADE AMPHORAE—AMPULLAE—SERIAL NUMBERS 187-225

187 CT 6, AK26, x1. M 3. Moderately fired; reddish-buff; large gray and white grits; red slip; vertical and horizontal lines painted in dk red. H. 117 mm. (28).

188 CT 5, AK26, x18. M 92. Soft; mottled lt brown and lt orange brown; some indication of burnishing, painted red stripes. H. 109 mm. CT 5-1. (28, 31).

189 CT 6, AK26, x26. M 29. Fairly hard; lt brown; few small and med gray grits; wet-smoothed; outer surface from neck almost to bottom decorated with red painted horizontal, vertical and diagonal lines. H. 91 mm. (28, 31).

190 CT 5, AK26, x13. M 87. Soft; lt brown; a few small and med white and gray grits; dull red painted lines. H. 110 mm. (28, 31).

191 CT 5, AK26, x1. M 75. Fairly soft; lt orange brown; some small and med brown grits. H. 108 mm. (28, 31).

192 CT 5, AK26, x11. M 85. Fairly hard; mottled lt brown and lt orange brown; a few small and med white grits; closely burnished horizontally and diagonally. H. 118 mm. (28, 31).

#### PLATE 12

193 CT 5, AK26, x15. M 89. Fairly hard; lt orange brown; some small and med white and brown grits; closely burnished by hand horizontally. H. 155 mm. (28, 31).

194 CT 5, AK26, x46. Fairly hard; lt orange brown; occ. small white and gray grits; wet-smoothed. H. 206 mm. (28, 31).

195 CT 5, AK26, x12. M 86. Fairly soft; lt orange brown; some small, med, and large white grits; some remains of red slip; weathered. H. 175 mm. (28, 31).

196 CT 5, AK26, x4. M 78. Soft; mottled lt orange brown and orange brown; small, med, and large white and gray grits; weathered. H. 178 mm. (28, 31).

197 CT 6, AK26, x5. M 7. Soft; buff; many fine, med, and large gray grits; remains of red (hematite) slip on outer surface; closely burnished; weathered. H. 151 mm. (28, 31).

198 CT 6, AK26, x5a. M 8. Lt buff; minute dk grits; traces of burnished red slip. H. 155 mm. CT 5 -1. Rim: Misc. II-1. Handle: T. 67-1. (28).

199 T. 32, E. Strip, x552. M 2180. Fairly hard; lt brown; med fine white grits; wet-smoothed. H. 142 mm. (28, 31).

200 CT 5, AK26, x45. Flaky orange red; med red and white grits; out. covered with red slip and vertically burnished; ins. of flaring bell mouth painted in vertical radiating red stripes sometimes as much as 1/2 cm. in W. Weathered. H. 80 mm.+ (28).

201 P15X, II, x13. Orange red, brown core; band of incised decorations running out from handle. (29).

202 T. 67, x8. M 2725. Med hard; surfaces lt red orange, lt brown drab and lt gray; occ. white grits of various sizes; wet-smoothed; weathered; outer surface mottled due to uneven firing. H. 255 mm. (29).

203 T. 52, x1. M 2372. Handmade (?); fairly hard; red brown; small and fine white grits; wet-smoothed; red (hematite) slip. H. 207 mm. (29, 31).

204 CT 6, AK26, x63. M 66. Buff; occ. small grits; faint linear (horizontal, vertical, and diagonal) decoration in lt brown paint. H. 95 mm. (29).

205 CT 6, AK26, x108. About half of handmade amphora-ampulla. Shows attachment of one horizontal ear

handle, probably had two. Neck and body made separately. Orange red; med white and red grits; horizontal and vertical red painted lines. H. 126 mm.+ (29).

206 CT 5, AK26, x24. M 98. Soft; mottled buff and lt orange brown; many very fine white and some fine to large white grits; painted pattern in red. H. 87 mm. (29).

207 T. 67, x19. M 2732. Med hard; lt yellow brown; occ. very fine white grits; wet-smoothed; outer surface shows weathered evidence of lt orange slip-smoothing. H. 75 mm. T. 67-1. (29).

208 T. 66, x14. M 2696. Soft; buff; many very fine white grits and a few small and large red grits; wet-smoothed; outer surface shows faint evidence of red (hematite) slip; very badly weathered. H. 57.5 mm.+ (29).

209 T. 66, x13. M 2695. Soft; lt orange brown; occ. fine white and med brown grits; surfaces very badly weathered. H. 112.5 mm. (29).

210 T. 66, x12. M 2694. Soft; lt orange brown; some white grits of various sizes; some evidence of burnished slip (red?); badly weathered. H. 107.5 mm. X-1; misc.-1. (29).

211 T. 67, x22. M 2734. Med hard; lt orange brown, lt yellow brown, and med gray; white grits of various sizes; wet-smoothed; red (hematite slip; very badly weathered. H. 140 mm. (29).

212 T. 66, x10. M 2692. Med soft; lt brown; occ. white grits of various sizes; burnished red (hematite) slip; weathered, slip now orange color. H. 102.5 mm. T. 52-2. Handle: I-1. (29).

213 T. 66, x11. M 2693. Soft; lt orange brown; fine, small, and med white and brown grits; wet-smoothed; red (hematite) slip and probably burnished; weathered. H. 112.5 mm. T. 52-2. Handles: I-1; misc.-1. (29).

214 T. 52, x9. M 2379. Fairly hard; lt orange brown; some fine to large white grits; evidence of burnishing and possibly red slip. H. 150 mm. T. 52-1. (29).

215 T. 52, x2. M 2373. Fairly soft; lt red brown; small lt gray and white grits; wet-smoothed. H. 128 mm. (29).

#### PLATE 13

216 T. 52, x6. M 2377. Fairly hard; lt brown; fine white and gray grits; some evidence of burnishing; weathered. H. 110 mm. Rim: T. 52-1. (29).

217 T. 52, x3. M 2374. Soft; mottled lt brown and lt orange-brown; small to large gray, brown, and white grits; possibly burnished; weathered. H. 108 mm. (29).

218 T. 66, x8. M 2691. Med hard; one half lt orange brown which merges into dk gray of other half; some white grits of various sizes; some evidence of burnishing; weathered. H. 87 mm. (29).

219 CT 6, AK26, x37. M 40. Well baked; reddish-buff surface, red beneath; small white grits. H. 77 mm.+ (30).

220 T. 67, x25. M 2735. Med hard; med gray drab; occ. fine and very fine white grits; wet-smoothed; very badly weathered and covered with deposit. H. 110 mm. (30).

221 T. 32, S. Strip, x376. M 2100. Fairly hard; lt brown; med fine white grits; remains of burnishing. H. 100 mm. Handle: X-1. (30, Chap. IV 27).

222 T. 32, below late entrance s. end, x553. M 2181. Fairly hard; lt red brown; med and small white grits; wet-smoothed; fire blackened. H. 111 mm. (31).

223 Si 315, X12, II, x2. M 1847. Fairly soft; mottled brown, lt orange brown; small and fine lt brown grits; wet-smoothed; fire blackened. H. 111 mm. (31).

224 T. 32, below late entrance s. end, x554. M 2182. Soft; lt red brown; med fine gray and white grits; wet-smoothed. H. 115 mm. (31).

225 T. 32, N. Strip, x551. M 2179. With spout and two horizontal loop handles; soft; lt red brown, brown core; med and small white grits; wet-smoothed. H. 225 m. Rim: X-1. (31).

#### 4. AMPHORAE—SERIAL NUMBERS 226-231

226 Si 225, Q17, x2. M 872. End of spout 2 cm. from vessel wall. Hard, sandy; buff; few med white grits; H. 215 mm. (34).

227 Si 348, W13, II, x15. Fairly hard; lt brown; med white and med and small gray grits; wet-smoothed. D. ca. 75 mm. (34).

228 R. 441a, AG19, I, x51. Med hard; lt brown, core lt gray brown; very many very fine white grits; wet-smoothed. D. ca. 150 mm. (34).

229 Dump from S12, 13, and 14, T13 and 14, V12 and 13, I, x14. Fine texture; orange red. H. ca. 19 mm.+ (34).

230 Ci 363, AB16, I, x48. M 2891. Hard, paste like; lt brown; some very fine white grits; lt orange slip burnished; faint traces of horizontal painted (?) lines; weathered. H. 66 mm. (34).

231 Ci 119, AK22, x6. M 155. Hard; lt orange brown; some fine to large white grits; three horizontal brown painted lines on each side of a red line; closely burnished horizontally. H. 65 mm.+ (34, Chap. II 63).

#### 5. JARS—SERIAL NUMBERS 232-382

232 AG16X, x1. Lt red orange; fine white grits; wet-smoothed. H. ca. 500 mm.+?. Rims: X-13; I-10; misc. I-1; Ci 285-1, Ci 361-1, T. 11-1. Handles: X-26; I-49; Sub I-7; misc. I-6, II-7; Ci 285-3, Si 295B-1, C-1; Ci 361-1; Ci 369-1; Ts. 7-1, 11-1, 54-1. (36).

233 X12, above and E. of City Wall, x71. Fairly hard; red brown, lt brown surface; fine white grits; wet-smoothed; vertically burnished surface near handle and part way around vessel. H. 195 mm.+ Rims: X-7; I-23; Ci 285-1; Ci 361-1; T. 6-1. Handles: X-11; I-30; Sub I-7; II-5; Ci 370-1; Ts. 10-1, 11-1, 54-1. (37, 39, 55).

#### PLATE 14

234 Y18X, x2. Med hard; lt brown orange out., lt brown ins., core lt gray; very many fine white grits; wet-smoothed; badly weathered. D. ca. 110 mm. Rims: X-6; I-15; Sub I-2; misc. I-1. (37).

235 Y17X, x3. Hard; lt brown orange out., lt yellow brown ins., core lt gray drab; some very fine white grits and occ. fine scintillating particles; wet-smoothed. D. ca. 125 mm. Rims: X-7; I-4; Ci 361-1; T. 6-1. (37).

236 AF19X, x15. Med hard; lt brown, med brown core; many fine white grits; wet-smoothed. D. ca. 120 mm. Rims: X-4; I-1; Ci 285-1; T. 32-1. (37).

237 T. 32, S. Strip, x84. Soft; dull lt red brown; small and fine white and gray grits; wet-smoothed. H. 375 mm.+ Handles: X-8; I-7; Sub I-1; misc. I-4, II-1. Bases: I-1; Sub I-1; misc. I-1; Si 295A-1; T. 54-1. (38).

238 T. 32, E. Strip, x66. M 1902. Fairly hard; lt brown to lt orange brown; very fine to med white grits; wet-smoothed; weathered. H. 370 mm. Handles: I-2; Sub I-1; misc. I-2. Bases: X-1; I-2. Ca. 1100-900 at TN. (38).



**239** AC13, E. of City Wall, x30. M 1439. Fairly hard; lt orange brown; well levigated, very many very fine and some small and med white grits; wet-smoothed. H. 440 mm. Rims: X-10; I-19; Sub I-2; Ci 285-1, Ci 370-1. Handles: X-8; I-15; Sub I-3; II-3. Ca. 650-Hellenistic. (39, 55).

**240** T. 168. M 592. Hard; buff to lt orange brown; well levigated, very many very fine and some small to large white grits; wet-smoothed, surface somewhat ridged. H. 685 mm. Rims: X-6; I-20; Sub I-3; misc. I-2; Ci 285-1, Si 295C-1. Handles: X-12; I-28; Sub I-2; misc. I-2, II-1; Ci 304-1, Ci 361-1, Ci 363-1; Ts. 32-1, 56-1. Ca. 600-Hellenistic. (40, 49, 55).

**241** R. 601, AC16, I, x7. Med hard; lt brown out., ins. and core med brown; very many fine and occ. small white grits; wet-smoothed. D. ca. 90 mm. Rims: X-3; I-5; Ci 285-2.

**242** R. 354, V13, I, x2. Very hard; lt orange brown; fine white grits; wet-smoothed. D. ca. 90 mm. Rims: X-1; I-6; misc. II-1; T. 32-1.

**243** R. 378, T23, I, x5. Fairly hard; red brown, brown surface; fine white grits; wet-smoothed. D. ca. 100 mm. Rim: T. 11-1.

**244** AD21X, I, x3. Med hard; lt brown orange, core med brown; many very fine white grits; wet-smoothed, weathered. D. ca. 125 mm. Rims: X-2; I-1; Sub I-1; misc. I-1.

**245** R. 324, AA24, I, x5. Fairly hard; drab with brown surface; fine white grits; wet-smoothed. D. ca. 90 mm. Rims: X-1; I-11; II-1; misc. I-1.

**246** R. 432, AF18, I, x14. Med hard; lt red orange; a few white grits, very fine to med in size; wet-smoothed. D. ca. 120 mm. Rims: X-2; Ci 370-1.

#### PLATE 15

**247** R. 302, W12, I, x2. Lt orange buff, brown core; wet-smoothed. D. ca. 110 mm. Rims: X-5; I-8; Sub I-1; misc. II-1.

**248** AB16, W. of R. 613, x84. Med hard; lt orange brown; very many very fine white grits; wet-smoothed; weathered. D. ca. 90 mm. Rims: X-2; I-2; misc. I-1.

**249** Y19X, x2. Med hard; lt brown, core med brown; very many very fine and occ. large white grits; wet-smoothed; weathered. D. ca. 100 mm. Rims: X-4; I-10; Sub I-1.

**250** AD19X, x4. Hard; lt brown, med brown drab, core med brown, very many fine and occ. fine white grits; wet-smoothed. D. ca. 105 mm. Rims: X-3; I-6; Ci 368-1.

**251** AE16, Sub fl. R. 503, x3. Med hard; lt olive cream out., ins. and core of lt brown; very many very fine white grits; wet-smoothed. D. ca. 95 mm. Rims: X-1; I-9; II-1; misc. I-1, II-2; Ci 285-1, Ci 370-1; T. 32-1.

**252** R. 440, AF19, I, x7. Hard; dk gray drab; many very fine and occ. small white grits; wet-smoothed. D. ca. 100 mm. Rims: X-3; I-14; Sub I-1; misc. I-1; Ci 304-1.

**253** R. 497, AE16, I, x1. Hard; lt red orange out., mottled lt brown and lt red orange ins., core med brown drab; occ. fine white grits and scintillating particles; wet-smoothed. D. ca. 120 mm. Rims: X-1; I-12.

**254** R. 498, AE16, I, x29. Med hard; lt brown; very many very fine and occ. fine white grits; wet-smoothed. D. ca. 95 mm. Rims: X-7; I-17; misc. I-1; Ci 285-2, Ci 368-1, Ci 370-1; T. 54-1.

**255** Z13, S. E. Corner, 76-90 cm., x33. Hard; buff out., lt orange brown ins., core med brown; very many very fine and occ. fine white grits; wet-smoothed. D. ca. 85 mm. Rims: X-7; I-19; Sub I-1; II-1; misc. I-1.

**256** Si 81, AK23, x1. Brown. H. 222 mm.+ Handles: X-2; I-17; Sub I-2; II-1; Ci 304-1, Ci 363-1. (39).

**257** Rs. 413, 427, walls, AF17, I, x1. Hard; lt brown drab, core med brown; very many very fine white grits; wet-smoothed; weathered. D. ca. 110 mm. Rims: X-1; I-1.

**258** R. 405, AF17, I, x2. Med hard; lt yellow orange out., med brown ins., core lt brown to med brown; fine white grits; wet-smoothed. D. ca. 135 mm. Rims: X-3; I-4; Sub I-2.

**259** AG18, Sub fl. Rs. 416, 423, 424, I, x4. Hard; lt orange brown, core med brown; very many very fine and some fine white grits; wet-smoothed. D. ca. 120 mm. Rims: X-3; I-11; Si 348-1, Ci 304-1, Ci 361-1.

**260** R. 412, AF17, I, x1. Hard; lt brown out., lt red orange ins., med brown core; many very fine white grits and an occ. large orange brown grit; wet-smoothed. D. ca. 115 mm. Rims: X-5; I-9; Sub I-3; misc. I-1, II-1; Ci 370-1.

**261** R. 473, Y19, I, x4. Med hard; lt brown out., lt red orange ins., core med brown; many very fine white grits; wet-smoothed. D. ca. 110 mm. Rims: X-1; I-1; Ci 361-1; T. 51-1.

**262** Ci 370, AF20, I, baskets 32-40, x140. Med hard; surfaces med red orange, core lt brown; a few fine white grits; wet-smoothed. H. 265 mm.+ Rims: X-4; I-8; Sub I-1; Ci 361-1. Handles: X-2; I-16; misc. I-1, II-1; Ci 369-1, Ci 370-1. (41, 43, 52).

**263** AD15X, x6. Hard; lt brown, core med orange; many very fine and occ. fine white grits; wet-smoothed. D. ca. 95 mm. Rims: X-2; I-6.

**264** R. 525, AD15, I, x5. Med hard; lt brown, core med brown; very many very fine and occ. small white grits; wet-smoothed; weathered. D. ca. 115 mm. Rims: I-2; T. 57-1.

**265** R. 297, V13, I, x22. Very hard; dk brown, lt brown surface; fine white grits; wet-smoothed. D. ca. 90 mm. Rims: X-6; I-7; misc. I-1.

#### PLATE 16

**266** R. 329, Z24, I, x7. Very hard; lt brown out., drab beneath, red brown core and ins., fine white grits; wet-smoothed. D. ca. 120 mm. Rims: X-1; I-3.

**267** AB16X, x7. Hard; lt orange brown, core lt gray; some very fine and fine white grits; wet-smoothed. D. ca. 110 mm.

**268** R. 333, AA23, I, x1. Hard; lt orange brown; fine white grits; wet-smoothed. D. ca. 100 mm. Rims: I-4; misc. II-1.

**269** R. 580, AD18, I, x4. Med hard; med brown; very many very fine and occ. fine and small white grits; wet-smoothed. D. ca. 90 mm. Rims: X-2; I-5.

**270** R. 472, Y19, I, x1. Med hard; mottled lt brown and lt orange out., lt brown ins., core dk gray brown; some very fine white grits and occ. fine scintillating particles; wet-smoothed; weathered. D. ca. 105 mm. Rims: X-4; I-2.

**271** AA24X, x14. Fairly hard; lt orange brown; fine white grits; wet-smoothed. D. ca. 110 mm. Rims: X-5; I-4; Ci 285-1, Ci 320-1.

**272** AD19X, x5. Hard; lt brown, core of med brown; many very fine and some fine and occ. large white grits; wet-smoothed. D. ca. 95 mm. Rims: X-2; I-5; Sub I-2.

**273** X18X, x2. Hard; lt orange brown; many very fine white grits; wet-smoothed; weathered; surface badly corroded. D. ca. 110 mm. Rims: X-4; I-1.



**274** Z24X, x2. M 1500. Inscribed; fairly hard; lt brown, drab core; fine white grits; wet-smoothed. D. out. ca. 90 mm. Rim: Si 295B-1.

**275** X12X, above and E. of City wall, x72. Fairly hard; lt red brown, lt brown surface; fine white grits; wet-smoothed. D. 123 mm. Rims: X-3; I-5; Sub I-1; misc. I-1, II-1; Si 348-1; T. 54-1.

**276** R. 509, AE17, I, x1. Med hard; lt red brown; very many very fine and occ. small and large white grits; wet-smoothed. D. ca. 110 mm. Rims: X-3; I-8; misc. I-1.

**277** AF17, Under floor, Rs. 409, 413, I, x4. Hard; lt brown; very many very fine and occ. fine white grits; wet-smoothed. D. ca. 105 mm. Rims: I-3; Sub I-1.

**278** X12, above and E. of City Wall, x69. Fairly hard; lt red brown, lt brown surface; fine white grits; wet-smoothed. D. 120 mm. Rims: X-1; I-7.

**279** R. 337, Z23, I, x9. Very hard; lt brown; med gray and small white grits; wet-smoothed. D. ca. 110 mm. Rims: X-13; I-32; Sub I-3; Ci 361-1, Ci 368-1; T. 55-1.

**280** AF15X, x4. Soft; lt orange brown; few med white grits; wet-smoothed. D. ca. 80 mm. Rims: X-4; I-4. (54).

**281** T. 29, x1. M 1748. Fairly hard; greenish drab; very many very fine and some small to large white grits; wet-smoothed; weathered. H. 388 mm. Rims: X-7; I-15; misc. I-2; Ci 370-1. Handles: I-2; Sub I-1; T. 54-1. Bases: I-2; Ci 304-1, Ci 361-1. (42).

#### PLATE 17

**282** AF19, Sub floor R. 432, I, x6. Med hard; out., core, and ins. of rim lt brown orange and ins. med brown drab; occ. small white grits and a few large white grits; wet-smoothed; ins. very badly weathered. D. ca. 75 mm. Rims: X-2; I-8; misc. I-1; Ts. 32-1, 54-1. (42).

**283** Z16X, x8. Med hard; lt orange brown, core med orange; very many very fine and occ. fine white grits; wet-smoothed; weathered. D. ca. 105 mm. Rims: X-8; I-15; II-1; Ci 363-1, Ci 369-1, Ci 370-1. (42).

**284** R. 430, AF18, I, x6. Med hard; lt brown out., ins. and core dk brown; very many very fine white grits; wet-smoothed. D. ca. 125 mm. Rims: X-6; I-8; Sub I-3; II-3; misc. II-2; Ci 361-1; T. 54-1. (42).

**285** R24X, x37. Hard; lt brown, brown inner half; many very fine white grits; wet-smoothed. D. ca. 150 mm. Rim: X-1.

**286** R. 474, Y18, I, x5. Med hard; lt brown orange, core med brown drab; very many very fine white grits; wet-smoothed. D. ca. 160 mm. Rims: X-1; misc. I-1.

**287** Si 299, T14, II, x5. Hard; red brown; fine white, small white, and gray grits; wet-smoothed. D. 140 mm.

**288** AE19, Sub floor R. 521, I, x5. Med hard; lt yellow brown; few white grits of various sizes; wet-smoothed. D. ca. 100 mm. Rim: misc. I-1.

**289** R. 376, V23, I, x3. Fairly hard; red brown, lt brown surface, dk brown core; fine white grits; wet-smoothed. D. ca. 80 mm.

**290** R. 424, AG18, I, x3. Med hard; lt reddish orange; many very fine, fine, small, and some med white grits; wet-smoothed. D. ca. 90 mm. Rims: I-3; misc. I-1.

**291** Ci 176, N17, basket 61, x58. M 1032. Mottled buff and drab sandy ware. H. 385 mm. Rims: X-1; I-2; misc. II-1; T. 7-1. Handles: X-2; I-3; misc. I-1. (43).

**292** Ci 285, P22, baskets 60-74, x78. Fairly hard; green buff; small white grits; wet-smoothed. H. 355 mm. Rims: X-2; I-1. Handles: X-1; I-11; Sub I-5; Ci 285-1. Base: misc. I-1. (43).

**293** AG18, under and in second wall—inner city wall,

Rs. 421-414, x2. Med hard; lt orange, core lt yellow orange; occ. very fine and small white grits; wet-smoothed; weathered. D. ca. 80 mm. Rims: I-1; Ci 363-1.

**294** Ci 363, AB16, I, x5. Med hard; dk gray drab; very many very fine white grits; wet-smoothed. D. ca. 90 mm. Rims: I-2.

**295** Ci 285, P22, baskets 75-87, x86. M 1715. Fairly hard; lt red brown; few large and med fine white grits; wet-smoothed. H. 460 mm. Rims: X-1; misc. I-1. Handles: X-3; I-5; misc. I-2. (43).

**296** T. 32, E. Strip, x41. Very hard; lit orange brown surface, lt gray brown core; few very fine white grits; wet-smoothed. D. ca. 100 mm. Rim: Ci 47-1. (47).

**297** Dump, V12 and W12, I, x22. Lt orange brown, lt brown core; fine texture; wet-smoothed. D. ca. 80 mm. (51).

**298** AF20X, x6. Med hard; med orange ins., lt yellow drab out., gray brown core; many very fine white grits; wet-smoothed. D. ca. 102.5 mm. Rims: X-2; I-1; misc. I-1; T. 10-1. (51).

**299** Y17X, x5. Med hard; lt yellow brown; occ. very fine white grits; wet-smoothed. D. ca. 100 mm. Rims: X-1; I-1; II-1.

#### PLATE 18

**300** R. 458, AE21, I, x4. Med hard; lt yellow orange, core med gray brown; occ. small white grits, also occ. grits of silicon; wet-smoothed. D. ca. 80 mm.

**301** R. 475, Y18, I, x7. Med hard; lt orange brown, core of lt red orange; many very fine white grits; wet-smoothed; weathered. D. ca. 120 mm. Rims: X-2; misc. I-2; Ci 363-1.

**302** Dump AE15, II, x1. Fairly hard; lt brown surface, dk gray core; wet-smoothed; upper painted band dk red brown, lower dk gray or black. D. ca. 110 mm. Rim: Sub I-1. (54).

**303** Ci 285, P22, baskets 44-48, x54. M 1711. Hard; lt red, brown core; very many very fine white grits and some small and med white grits; wet-smoothed. H. 332. Rims: X-3; I-7; Sub I-3; misc. I-1, II-1; Ci 285-1. Handles: X-4; I-7; Sub I-1; Ci 361-1. (54).

**304** R. 639A, Z19, I, x16. Hard; lt red orange, core med brown; many white grits of various sizes; wet-smoothed. D. ca. 85 mm. Rims: X-4; I-9; Sub I-1; misc. I-2, II-4; Ci 320-1; Ts. 54-1, 56-1.

**305** Ci 285, P22, baskets 75-87, x102. Fairly hard; brown beneath lt brown surface; very fine white grits, occ. large white grits; wet-smoothed. D. ca. 85 mm. Rims: X-2; I-8; Sub I-4; II-1; misc. II-1; Ci 320-1.

**306** AD16X, x3. Med hard; lt brown orange, core med brown drab; many very fine white grits; wet-smoothed; weathered. D. ca. 90 mm. Rims: X-1; I-2; Sub I-1.

**307** AB17X, x5. Med hard; lt orange brown; very many very fine white grits; wet-smoothed. D. ca. 100 mm. Rims: X-6; I-15; Sub I-3; II-1; misc. I-5, II-1; Ci 304-1.

**308** R. 357, T13, I, x1. Fairly hard; brown with gray core; med gray and white grits; wet-smoothed. D. ca. 95 mm. Rims: X-2; I-2.

**309** R. 520, AE19, I, x5. Hard; med brown drab out., med red orange ins., core mottled buff and lt red orange; many very fine and occ. small white grits; wet-smoothed; outer surface lt greenish cream slip-smoothed. D. ca. 100 mm. Rim: I-1.

**310** R. 661, Z16, I, x2. Hard; lt orange brown out., med brown orange ins., core lt brown drab; some very fine and occ. small and large white grits; wet-smoothed. D. ca. 100 mm.

**311** R. 376, V23, I, x18. M 1727. Fairly hard; mottled lt brown and lt orange red; fine white grits, and many very fine white and brown grits; wet-smoothed. H. 520 mm. Rims: X-5; I-7; Sub I-1; II-1; misc. II-1; Ci 369-1, Ci 370-1. Handles: X-3; I-14; Sub I-2; Ci 320-1, Ci 363-1, Ci 369-1. Base: I-1. Major phase ca. 700-Hellenistic. (44, 55).

**312** R. 376, V23, I, x5. Hard; lt brown surface, two red brown cores; fine white grits, occ. med brown grits; wet-smoothed. H. 495 mm. Rims: I-3. Handles: I-4; Sub I-1; Ci 370-1. Base: I-1. Major phase ca. 700-Hellenistic. (44, 55).

## PLATE 19

**313** R. 380, V22, I, x1. M 1709. Fairly hard; dk gray core, dull brown surface, red brown under surface; small white and dk gray grits; wet-smoothed. H. 445 mm. Rims: X-5; I-16; Sub I-4; misc. I-1. Handles: X-1; I-12; Sub I-9; misc. I-1; Ci 368-1, Ci 369-2, Ci 370-1; T. 54-1. (40, 52 note 56, 55).

**314** R. 288, AB23, I, x2. Hard; brown surface, dk brown beneath; very many fine white grits, med white and gray grits; wet-smoothed. D. ca. 80 mm. Rims: X-6; I-11; Sub I-1; II-1; misc. I-1; Ci 325-1.

**315** Ci 320, AB15, II, x20. Very hard; brown; many very fine white grits; buff slip. D. ca. 120 mm. Rims: X-1; I-1.

**316** AF21X, x5. Med hard; med gray drab; very many very fine white grits; wet-smoothed; weathered. D. ca. 120 mm. Rims: X-9; I-27; Sub I-2; II-2; misc. I-1.

**317** R. 418, AG18, I, x7. Med hard; med brown; very many very fine white grits; wet-smoothed. D. ca. 120 mm. Rims: X-2; I-9; II-1; Ci 361-1.

**318** R. 578, AD18, I, x5. Med hard; lt brown ins. and core of lt orange brown; very many very fine white grits; wet-smoothed. D. ca. 115 mm. Rims: X-4; I-4; Sub I-3; II-1; T. 7-1.

**319** R. 394, AA14, I, x6. Very hard; brown; med fine white grits; buff slip. D. ca. 135 mm. Rims: X-3; I-6; Sub I-1; II-2.

**320** Z17X, x1. Med hard; lt yellow brown out., ins. and core med gray drab; very many very fine and occ. fine and small white grits; wet-smoothed; weathered. D. ca. 85 mm. Rim: I-1.

**321** AB15X, x6. Med hard; lt yellow brown out., ins. and core lt brown drab; very many very fine and fine white grits; wet-smoothed. D. ca. 100 mm. Rims: I-4; misc. I-1.

**322** R. 588, AD17, I, x14. Hard; lt brown out., med gray drab ins., core merging; very many very fine and some med white grits; wet-smoothed. D. ca. 200 mm. Rims and handles: I-3. Handles: X-1; I-3. (35, 45, Chap. III 60).

**323** R. 381, AB19, I, x6. Very hard; lt red brown with brown core; many very fine white grits; wet-smoothed. D. ca. 175 mm. Rims: X-3; I-10; Sub I-1; misc. I-1, II-1. (35, 45, Chap. III 60).

**324** R. 633, Z19, I, x1. Med hard; lt orange brown out., lt brown drab ins., core merging; very many very fine and occ. small masses of white grits; wet-smoothed; weathered. D. ca. 145 mm. Rims: X-1; I-5; Sub I-1. Handles: X-1; I-3. (35, 45, Chap. III 60).

**325** R. 608, AC17, I, x1. Med hard; lt brown drab out., med gray drab ins., core merging; very many very fine white grits; wet-smoothed. D. ca. 160 mm. Rim: I-1. (35, 45, Chap. III 60).

**326** R. 405, AF17, I, x4. Very hard; med brown out.,

brownish orange color ins., grayish brown core; many small white grits; wet-smoothed. D. ca. 180 mm. Rims: X-2; I-1; II-1. (35, 45, Chap. III 60).

**327** R. 410, AE17, I, x18. Med hard; lt brown drab out., med brown drab ins., core merging; very many very fine and occ. small white grits; wet-smoothed. Rim: I-1. Handles: X-2; I-3. (35, 45, Chap. III 60).

**328** R23X, x67. Very hard; brown with orange red core; few fine white grits; wet-smoothed, buff slip. D. ca. 125 mm. (45, Chap. III 60).

**329** AF19X, x6. Med hard; lt red orange, core of med brown; very many very fine white grits; wet-smoothed. D. ca. 120 mm. Rims: X-2; I-5; Ci 363-1. (51).

**330** AG21X, x20. Hard; lt buff out., med brown ins., core gray brown; occ. ultra-fine white grits; wet-smoothed. D. ca. 110 m. Rims: I-5; Sub I-1; Ci 320-1. (51).

**331** Dump from AC17X, x1. Hard; lt red brown, core med brown drab; occ. very fine white grits; wet-smoothed. D. ca. 97.5 mm. Rims: X-2; I-2; Sub I-1. (51).

## PLATE 20

**332** R. 499, AE16, I, x4. Buff, core of med brown; very many very fine and occ. small and large white grits; well levigated; wet-smoothed. D. ca. 110 mm. (51).

**333** R. 479, Y18, I, x1. Med hard; lt orange brown out., med brown drab ins., core merging; many very fine white grits; wet-smoothed; weathered. D. ca. 100 mm. Rim: X-1. (51).

**334** R. 306, AC, AD14, I, x6. Lt orange brown; well levigated; few black med and fine grits. D. ca. 100 mm. (51).

**335** R. 578, AD18, I, x9. Hard; dk gray with some tinges of red brown; core of lt gray; very many very fine, fine, and occ. small white grits; wet-smoothed; weathered; upper surface of rim decorated with five incised concentric circles. D. ca. 90 mm. Rims: X-2; I-3. (51).

**336** R. 425, AG18, I, x7. Hard; lt yellow orange, lt brown core; very many very fine white grits and an occ. large white mass; wet-smoothed. D. ca. 120 mm.

**337** R. 446, AF20, I, x5. Hard; lt yellow orange out., lt brown gray ins., core merging; many fine white grits; wet-smoothed. D. ca. 100 mm. Rims: X-1; I-5.

**338** R. 464, AE20, I, x9. Med hard; lt brown, core med gray drab; very many very fine and occ. large white grits; wet-smoothed; weathered. D. ca. 90 mm. Rims: X-2.

**339** R. 410, AE17, I, x11. Med hard; lt brown out., lt red orange ins., lt red brown core; very many very fine and occ. large white grits; wet-smoothed. D. 100 mm.

**340** Z25, Sub R. 320, I, x4. Hard; orange brown; very fine white and gray grits; wet-smoothed. D. ca. 180 mm. Rims: X-1; I-1. (35, Chap. III 62).

**341** N14, N. Trench, x11. Very hard; sandy buff, gray core. (35, Chap. III 62).

**342** X16X, x1. Med hard; lt red orange; very many very fine white grits; wet-smoothed. D. ca. 195 mm. Rims: X-6; I-2. (35, Chap. III 62).

**343** Dump, V12 and W12, I, x21. Lt orange brown, brown core; fine silicate grits; wet-smoothed; incised rope design along rim. D. ca. 175 mm. (35, Chap. III 62).

**344** R. 337, Z23, I, x19. Hard; lt brown; fine white grits; wet-smoothed. D. ca. 170 mm. (35, Chap. III 62).

**345** Z24, N. of R. 328, I, x27. Hard; lt brown; few fine lt brown grits; wet-smoothed. D. ca. 155 mm. Rim: I-1. (35, Chap. III 62).

**346** R. 474, Y18, I, x12. Med hard; lt brown, core of dk brown; some very fine and occ. small white grits; wet-smoothed; weathered. D. ca. 210 mm. Rim: I-1. (35, Chap. III 62).

**347** Dump AG17X, x3. Hard; gray surface; med and fine gray grits; wet-smoothed; impressed design. D. ca. 210 mm. Rim: Sub I-1. (35, 54, Chap. III 62).

**348** R. 290, S14, I, x14. Hard; lt orange brown; many fine white grits; wet-smoothed; impressed design. (35, 54, Chap. III 62).

**349** T. 167, X22, x34. Reddish brown; impressed design. D. ca. 220 mm. (35, 54, Chap. III 62).

**350** X25X, x27. Hard; lt brown; some fine white grits; thin red slip on both surfaces; painted brown band, 5 mm. wide below rim on surface; ins. blackened. D. ca. 120 mm. (35, Chap. III 62).

**351** Ci 361, AC16, basket 24, x24. M 2829. Hard; surfaces mottled buff and lt orange brown, core lt brown; very fine white and black grits; well levigated; wet-smoothed; somewhat weathered. H. 650 mm.+ Handle: Ci 304-1. Base: I-1. Major phase as now known ca. 500-300 B. C. (41, 55).

## PLATE 21

**352** T. 15, x1. Jar frags. Very hard; brown; small gray and white grits. H. ca. 595 mm. Rims: X-1; Ts. 16-1, 33-2. Handles: misc. 1; Ts. 32-1, 33-1. (39, 47, 54).

**353** R. 206, AG26, I, x5. M 853. Frags. of jar. Hard; mottled buff and lt orange brown; very many very fine and some small and med white grits; well levigated; wet-smoothed. H. 430 mm.+ Wall frags: Ci 172-2. Handles: X-10; I-31; Sub I-3; misc. I-6, II-3; Si 348-1; Ci 348-1, Ci 369-1; T. 7-1. Bases: X-2; I-1; misc. I-1; Si 295-1; T. 54-1. (47).

**354** R. 418, AG18, x12. Med hard; lt brown out., med brown ins., core med brown; very many very fine white grits; wet-smoothed. H. 455 m.+ Handles: X-6; I-37; Sub I-6; misc. I-4; Ci 370-1. Bases: I-1; misc. I-1. Ca. 1200-500 B. C. (48).

**355** R. 422, AG18, x4. Med hard; lt red orange, lt brown orange core; many very fine white grits; wet-smoothed. H. 510 mm.+ Handle and wall: misc. I-1. Handles: X-12; I-25; Sub I-2; II-1; misc. I-3; Si 295B-1; Ci 285-1, Ci 304-1, Ci 361-1, Ci 370-1. Base: X-1. Apparently ca. 650-Hellenistic. (49, 55).

## PLATE 22

**356** R. 478, X17, I, x3. Med hard; lt brown, core lt brown drab; some fine and occ. large white grits; wet-smoothed. H. 550 mm.+ Handles: X-6; I-22; Sub I-2; II-1; Ci 361-2. Bases: I-2. Mainly ca. 650-Hellenistic. (39, 52 note 56, 55).

**357** R. 74, AH20, x4. M 396. Four handles on diameters. Hard; red brown, drab gray beneath surface; many fine to small white grits; wet-smoothed. Each handle has seal impression on top near attachment. Impressions are poor but of single-wing *lemelekb* type, three having some letters remaining of this word. However, lower field of impressions is blank. H. 493 mm.+ Handles: X-5; I-13; Sub I-1; misc. I-1, II-2; Ci 285-1, Ci 368-1, Ci 370-2. Base: misc. I-1. Ca. 700-586 B. C. (49).

**358** Ci 304, AB19, I, basket 16, x21. Fairly hard; lt brown; med gray and fine white grits; vertically burnished body surface. H. 300 mm.+ Handles: I-2; Sub I-1; T. 10-1. Possibly LI. (50).

**359** Ci 191, AG25, x124. M 862. Hard; gray; fine

to large white grits; greenish cream slip; weathered. H. 375 mm.+ Body: I-1; misc. I-1. Handles: X-2; I-5; Sub I-1; misc. I-1; Ci 325-1. Major phase ca. 700-500 B. C. (48, 52).

**360** T. 71, x1. Med hard; med orange; some very fine white grits; wet-smoothed. H. 310 mm.+ Body: Ci 47-1. (39, 47, 54).

## PLATE 23

**361** R. 326, AA24, I, x6. Soft; lt red brown, brown core; fine white grits; wet-smoothed. (52).

**362** R. 392, AA14, I, x2. Hard; gray brown; large, very fine, white grits; wet-smoothed. Handles: I-6; Sub I-1; misc. II-1; T. 51-1. (52).

**363** AF17, Sub floor R. 406, I, x4. Hard; med brown, core med brown drab; very many very fine and occ. small white grits; wet-smoothed. Handles: X-1; I-2; Sub I-1. (52).

**364** R. 466, AD21, I, x3. Med hard; lt brown orange; occ. very fine white grits; wet-smoothed; handle crudely attached. (52).

**365** R. 538, AC15, I, x2. Hard; med brown out., ins. and core med gray drab; very many very fine and occ. small and large white grits; wet-smoothed. Handles: I-6; Sub I-1; II-1. (52).

**366** R. 417, AG18, I, x4. Med hard; out. very lt orange and buff, ins. and core lt brown; very many very fine and fine white grits; wet-smoothed, badly weathered. Handles: X-3; I-14; Sub I-1. (52).

**367** R. 526, AD15, I, x4. Hard; lt brown; very many very fine and occ. small and large white grits; wet-smoothed. Handle: I-1. (52).

**368** R. 576, AD18, I, x11. Hard; out. and core of med brown, ins. lt brown; very many very fine and some fine and occ. small and large white grits; wet-smoothed. Handles: misc. I-1; Ci 363-1. (52).

**369** R. 379, V23, I, x8. Hard; brown, dk gray core; small lt brown grits; wet-smoothed. Handles: X-1; Ci 370-1. (52).

**370** AB25, 26, Sub R. 221, x10. Hard; red brown; fine white grits; wet-smoothed; evidence of horizontal and vertical burnishing. Handle: I-1. (52).

**371** Bin 374, AE16, I, x5. Hard; lt orange out., med brown drab ins., core merging; many very fine and occ. small white grits; wet-smoothed. (52).

**372** R. 501, Extra Mural S. W., I, x6. Soft; lt orange brown; many very fine and some small and med white grits; wet-smoothed; weathered. (52).

**373** AD20X, x5. Med hard; lt orange brown; very many very fine and occ. fine and small white grits; wet-smoothed; weathered. Handles: X-5; I-27; Sub I-5; Ci 369-2. (52).

**374** T. 32, E. Strip, x56. Hard; lt brown surface, lt gray core; very fine white grits; wet-smoothed. Handles: Ts. 21-1, 32-2. (52).

**375** R. 494, Extra Mural S. W., x2. Hard; med brown, core med gray drab; some very fine and occ. fine white grits; wet-smoothed; wheel-marks prominent. (47, 52, 54).

**376** R. 494, Extra Mural S. W., x3. Hard; buff out., med brown ins., core med gray drab; many very fine white grits; wet-smoothed; wheel-ridges prominent. Handles: X-1; misc. 1. (47, 52, 54).

**377** T. 32, Center, x95. Fairly soft; red brown, gray core; med and fine white grits; wet-smoothed. Bases: X-2; I-2; Sub I-1; T. 54-1. (53).

**378** R. 413, AF17, I, x3. Hard; lt yellowish brown

out., lt cream yellow ins., lt yellowish brown core; wet-smoothed. D. ca. 60 mm. (53).

**379** R. 315, AB24, I, x1. Fairly hard; lt orange brown surface, base burned to lt red; med and fine white and gray grits; wet-smoothed. D. ca. 100 mm. (53).

**380** Street 293, S13, I, x6. Orange brown, yellow brown core; small silicate grits and few brown grits. Bases: X-2; Sub I-1. (53).

**381** Ci 304, AB19, I, baskets 7-19, x30a. Fairly soft; brown, lt brown surface; few med and very fine lt brown grits; wet-smoothed. Base: X-1. (53).

**382** Ci 361, AC16, I, baskets 16-41, x41. Hard; lt red orange out., med brown drab ins., core med brown; very many very fine and fine white grits; wet-smoothed. (53).

#### 6. CYLINDRICAL JARS—SERIAL NUMBERS 383-437

**383** AF21X, x6. Hard; lt red; very many very fine white grits; wet-smoothed. D. ca. 150 mm. Rims: X-5; I-12. (58).

**384** X12X, x42. Lt orange red; very fine white grits; wet-smoothed. D. ca. 160 mm. Rims: X-1; I-2; misc. I-1. (58).

**385** Ci 363, AB16, I, x37. Hard; out. mottled lt red orange and lt gray, ins. and core of lt red orange; very many very fine white grits; wet-smoothed. D. ca. 150 mm. Rims: X-11; I-14; misc. I-1; Ci 363-1, Ci 369-1, Ci 370-2. (58).

**386** R. 402, AF17, I, x11. Med hard; lt red orange, brownish gray core; many very fine white grits; wet-smoothed. D. ca. 175 mm. Rims: X-3; I-6; Ci 370-2. (58).

#### PLATE 24

**387** Ci 363, AB16, I, x27. M 2884. Hard; mottled lt brown drab and lt orange brown out., med brown drab ins., core med brown; very many very fine and fine white grits and occ. large white grits; wet-smoothed; lt greenish cream slip-smoothed; weathered. H. 320 mm. Ci 363-1. Rims: X-6; I-10; Sub I-2; Ci 363-2, Ci 369-2, Ci 370-2. (58).

**388** Ci 176, N17, basket 60, x57. M 1031. Hard, sandy; mottled lt red and buff; wet-smoothed. H. 320 mm. Rims: X-28; I-39; Sub I-1; misc. II-1; Ci 325-1, Ci 363-1. Base: Ci 363-1. (58).

**389** Ci 191, AG25, x123. M 852. Hard, sandy; mottled drab and lt red; very many very fine white grits; wet-smoothed; fire blackened in places after vessel was completed; some indication of greenish cream slip. H. 298 mm. Mouth elliptical, 192 x 206 mm. Rims: X-1; I-6; Ci 370-1. (58).

**390** AG20X, x4. Med hard; lt yellow brown; many very fine and occ. small and large white grits; wet-smoothed. D. ca. 175 mm. Rims: X-3; I-4. (58).

**391** AB15X, x7. Med hard; lt yellow orange out., ins. and core of med gray; many very fine white grits; wet-smoothed. D. ca. 160 mm. Rims: X-2; I-2; misc. I-1. (58).

**392** R. 443, AG19, I, x16. Hard; med brown; many very fine white grits; wet-smoothed; smoke blackening on outer surface and rim. D. ca. 150 mm. Rims: X-2; I-1. (58).

**393** Ci 176, N17, baskets 89, 92, 93, x86. M 1048. Hard; drab with pinkish areas on surface; med white grits; two holes bored through wall below rim, one on each side,

bored after firing. H. 320 mm. + Rims: X-4; I-5; Sub I-1; misc. I-2. (58).

**394** Ci 325, AA14, II, x12. Hard; lt red, dk gray core; large and fine white grits; wet-smoothed. H. 280 mm. Rims: X-10; I-14; misc. I-1; Ci 370-1.

**395** R24, above burnt layer, N. of Gate, x48. Very hard; brown with lt brown surface; fine and occ. med white grits; wet-smoothed. D. ca. 150 mm. Rims: I-4; Si 348-1; Ci 361-1.

**396** Z16X, x15. Med hard; lt orange; very many very fine and occ. fine and small white grits; wet-smoothed; weathered. D. ca. 175 mm. Rims: X-8; I-22; Sub I-1; misc. I-6; Ci 363-1; T. 9-1. (58).

**397** R. 502, AE16, I, x10. Med hard; lt brown; very many very fine and occ. small white grits; wet-smoothed. D. ca. 190 mm. Rims: X-1; I-1. (58).

**398** R. 522, AE19, I, x16. Med hard; out. buff, ins. lt orange brown, core lt brown; very many very fine white grits and occ. very fine scintillating particles; wet-smoothed. D. ca. 160 mm. Rim: I-1. (58).

**399** R23X, E. of City Wall, x20. Hard; lt red brown; med and fine white grits; wet-smoothed. D. ca. 120 mm. Rims: I-2. (58).

#### PLATE 25

**400** Ci 176, N17, basket 138, x129. M 1059. Below rim two holes through walls, one on each side, seem to have been drilled partly from either side of wall. Hard, sandy; mottled drab and buff; some med and large white grits; wet-smoothed. H. 323 mm. Rims: X-1; I-14.

**401** R24, below burnt layer, N. of Gate, x40. Fairly hard; brown with dk gray core; med white and dk gray and occ. large white grits; wet-smoothed. D. ca. 130 mm. Rims: I-3; misc. 1.

**402** AB17X, x9. Med hard; lt brown orange out., med gray ins., core merging; very many very fine and occ. small and large white grits; wet-smoothed. D. ca. 145 mm. Rims: X-8; I-16; misc. I-1; Ci 363-1.

**403** R. 415, AG18, I, under floor, x9. Med hard; lt brown; very many very fine white grits; wet-smoothed. D. ca. 120 mm. Rims: I-5; Sub I-1. (58).

**404** R24X, N. Revetment, x6. Fairly hard; lt orange brown out., brown ins., gray core; fine white grits; wet-smoothed. D. ca. 150 mm. Rims: X-12; I-21; Sub I-1; Ci 325-1.

**405** AE18, Sub floor R. 523, I, x6. Hard; lt brown drab, core lt gray drab; many very fine and occ. small white grits; wet-smoothed. D. ca. 150 mm. Rims: X-1; I-5.

**406** Z26, Revetment below base, x8. Very hard; pink brown with brown core; med and fine white grits; wet-smoothed. D. ca. 170 mm. Rims: X-2; I-3. (58).

**407** R. 492, SW, Extra Mural, x8. Hard; lt orange red, core lt brown; very many very fine white, some med gray and brown grits; wet-smoothed. D. ca. 175 mm. Rims: X-3; I-8; Sub I-3; misc. I-1; Si 348-1. (58)

**408** R. 435, AE18, I, x13. Med hard; lt red orange, core med brown; many very fine and occ. small and large white grits; wet-smoothed. D. ca. 170 mm. Rim: Sub I-1. (58).

**409** AD20X, x9. Med hard; lt orange brown, core med brown; grits med brown; weathered. D. ca. 150 mm. Rims: I-1; misc. 1. (58).

**410** Ci 363, AB16, I, x28. M 2885. Hard; out. buff and lt orange brown, ins. and core of lt brown; many white grits of various sizes; wet-smoothed. H. 285 mm. Rims: X-4; I-3. (58).

**411** AA19X, x6. Med hard; out. lt brown drab, ins.

lt orange brown, core lt brown; very many very fine and occ. fine, small and large white grits; wet-smoothed; weathered. D. ca. 200 mm. Rims: X-4; I-14; Ci 363-1.

412 R. 482, X18, I, x2. Med hard; lt yellow brown; very many fine white grits; wet-smoothed; weathered. D. ca. 160 mm. Rims: I-4.

413 Ci 363, AB16, I, x29. M 2886. Hard; lt brown; many white grits of various sizes; wet-smoothed; lt greenish cream slip. H. 274 mm. Rims: X-3; I-5.

414 Z26, Revetment below base, x7. Fairly hard; red brown with brown core; small white and occ. large white grits. D. ca. 185 mm. Rims: X-8; I-8; misc. I-2; Ci 369-1.

415 Dump from Y-18, I, x2. Med hard; surfaces, out. mottled lt brown and lt red orange, ins. and core lt brown; many fine white grits; wet-smoothed. D. ca. 150 mm. Rims: X-14; I-19; Cis 320-1, 325-1.

416 Ci 36, AJ 24, x5. M 125. Hard; mottled buff and lt orange red; very many very fine and some med and large white grits; wet-smoothed. H. 312 mm. Rims: X-16; I-64; Sub I-2; misc. I-3; Cis 285-1, 325-1, 363-2; 369-4.

417 Ci 363, AB16, I, x35. Hard; out. mottled buff, lt orange brown, and lt orange, ins. lt brown drab, core lt brown; many white grits of various sizes; wet-smoothed. H. 335 mm. Rims: X-11; I-10; Sub I-1.

418 AA17X, x5. Med hard; lt brown orange; very many very fine and occ. fine white grits; wet-smoothed; weathered. D. ca. 175 mm. Rims: X-9; I-17.

419 V12X, x28. Buff with red brown core; very fine white grits; wet-smoothed. D. ca. 130 mm.

420 R. 594, AD16, I, x5. Hard; med red brown, core lt brown; very many very fine white grits, and occ. fine, small, and large white grits; wet-smoothed. D. ca. 175 mm. Rim: I-1.

#### PLATE 26

421 Ci 363, AB16, I, x25. Med hard; med red orange; very many very fine and fine white grits; wet-smoothed. H. 320 mm. Rims: X-4; I-5. Bases: Ci 325-2.

422 S13X, x11. Hard; buff with drab core; many very small white grits; wet-smoothed. D. ca. 150 mm.

423 R. 607, AC17, I, x10. Med hard; lt brown; very many very fine and occ. fine, small, and large white grits; wet-smoothed; weathered. D. ca. 140 mm. Rims: X-1; I-3.

424 Ci 369, AF20, I, baskets 1-10, x11. Med hard; out. mottled lt orange and lt brown, ins. med red orange, core lt brown; very many very fine white grits; wet-smoothed. D. ca. 150 mm. Rims: X-1; I-2.

425 R. 436, AF19, I, x4. Hard; lt red orange, core gray brown; very many very fine and occ. small white grits; wet-smoothed. D. ca. 160 mm. Rims: X-4; I-5; Sub I-1; misc. I-1; Si 348-1; Cis 304-2, 325-1.

426 AC17X, x9. Med hard; lt brown, core drab; many white grits of various sizes; wet-smoothed. D. ca. 200 mm. Rims: I-4; Sub I-1.

427 R. 443, AG19, I, x19. Med hard; med red orange; many very fine white grits; wet-smoothed. D. ca. 190 mm.

428 R. 562, AD20, I, x14. Med hard; lt orange red, core lt brown; very many very fine and occ. fine, small, and large white grits; wet-smoothed. D. ca. 160 mm. Rims: Ci 370-1.

429 R23X, x41. Fairly hard; lt red brown; fine white grits; wet-smoothed. D. ca. 200 mm. Rims: X-1; I-4; Ci 325-1.

430 Z13, S. E. Corner, 106-120 cm., x67. Hard; lt orange red, core gray; very many very fine and occ. fine white grits; wet-smoothed. D. ca. 190 mm. Rims: X-1; Sub I-1; misc. I-1.

431 Ci 166, AG20, x28. Red. H. 192 mm. + Rims: X-4; I-9. (58).

432 Z16X, x19. Med hard; lt brown; very many very fine and occ. fine white grits; wet-smoothed. D. ca. 175 mm. Rims: X-5; I-21; Sub I-1; Cis 369-1, 370-2.

433 AG21X, x23. Med hard; lt orange brown; many very fine and occ. large white grits; wet-smoothed. D. ca. 175 mm. Rims: X-3; I-6; II-1; Ci 369-1.

434 AE20X, x13. Med hard; lt brown, core lt gray drab; several fine white grits; lt orange slip-smoothing; weathered. D. ca. 215 mm. Rims: X-10; I-6; Sub I-2; misc. II-1.

435 X12X, x5. Lt brown red, brown red core; many very fine white grits; wet-smoothed. D. ca. 175 mm. Rims: X-1; I-1.

436 R. 592, AD16, I, x6. Med hard; lt yellow brown, core med brown; very many very fine white grits; wet-smoothed. D. ca. 225 mm. Rims: X-4; I-6.

437 R. 648, AA18, I, x7. Med hard; lt orange brown out., med brown ins., a few very fine white grits; wet-smoothed. D. ca. 185 mm. Rims: I-3.

#### 7. CONICAL JARS—SERIAL NUMBERS 438-467

438 T. 29, x3. M 1749. Fairly soft; red brown; small white, fine gray grits; wet-smoothed. H. 195 mm. Rims: X-2; I-1; II-2; misc. II-1. Handles: X-1; I-1. Bases: misc. I-2; Ci 361-1. Mainly ca. 1000-500 B. C. (62).

439 R. 562, AD20, I, x13. M 2722. Med hard; mottled buff and lt red; very many very fine and occ. fine white grits; burnished vertically; weathered. H. 190 mm. Rims: I-4; II-2. Handles: X-1; I-2; T. 7-1. Bases: X-2; I-4; Sub I-1. Mainly ca. 1000-500 B. C. (62).

440 AF19, Sub floor R. 432, I, x14. Med hard; lt red brown; some very fine and occ. small white grits; wet-smoothed; red (hematite) slip; very badly weathered. H. 170 mm. + Body: I-1. Handles: X-4; I-4; misc. II-1; T. 54-1. Mainly ca. 1000-500 B. C. (62).

441 T. 5, x263. Sandy; orange red; many small brown and gray grits; wet-smoothed; weathered. H. 137 mm. + Body: T. 5-1. Mainly ca. 1000-500 B. C. (62).

442 R. 435, AE18, I, x15. Med hard; lt brown orange, core lt brown drab; some fine white grits; red (hematite) slip, irregularly vertically burnished. H. 160 mm. + Handles: X-1; I-3; T. 54-1. Bases: X-2. (62).

#### PLATE 27

443 Ci 363, AB16, I, x14. Med hard; mottled buff and med orange, lt orange brown core; some very fine and large white grits; wet-smoothed; weathered. H. 236 mm. + Handles: I-2; Sub I-1. Ca. 800-550 B. C. (62, 63).

444 Ci 163, AJ21, x5. Lt brown; red slip (?), ring burnished. H. 268 mm. + Rims: X-6; I-12; Sub I-1; misc. I-2, II-1; Cis 325-1, 369-1. Bases: X-2; I-2; misc. I-1; T. 3-1. Mainly ca. 600 into Hellenistic. (65).

445 Ci 78, AK23, x7. M 145. Lt orange red; some small to large white and gray grits; irregular horizontal ring burnishing out. H. 326 mm. Rims: X-1; I-1. Bases: X-2; I-3; Cis 369-1, 370-1. Mainly ca. 600 into Hellenistic. (65).

446 R. 341, S14, I, x6. M 1527. Hard; red brown; small white and gray grits; horizontally burnished to ribbed base part, parts of neck ring-burnished. H.



285 mm.+ Rims: X-1; I-4. Mainly *ca.* 600 into Hellenistic. (65).

**447** Ci 119, AK22, x4. M 152. Brown, gray core. H. 362 mm. Rims: X-6; I-5; Ci 361-1. Bases: X-1; I-4; misc. I-1; Ci 304-2, 325-1. Mainly *ca.* 600 into Hellenistic. (65, 66).

**448** Ci 370, AF20, I, baskets 53-68, x231. Med hard; lt brown drab, core lt gray drab; occ. very fine white grit; wet-smoothed. H. 123 mm.+ Rims: X-2; I-1; misc. I-1. (65).

**449** AE14X, x8. Lt red orange; fine white grits; wet-smoothed. D. 85 mm. (65).

**450** AA12X, x28. Fine texture; lt brown surface; wet-smoothed. H. 60 mm.+ (65).

**451** Ci 304, AB19, I, baskets 7-19, x31. Fairly hard; lt brown, lt red brown under surface, lt gray core; very fine white grits; wet-smoothed. H. 140 mm.+ Rims: I-2; Ci 370-1. (65).

**452** Ci 368, AG19, I, baskets 14-19, x44. M 2472. Med hard; out. lt gray brown and lt orange red, ins. lt brown orange, core of gray; some small and large grits; horizontally burnished; badly weathered. H. 322 mm. Rims: X-1; I-8; misc. I-2; Ci 368-1. Mainly *ca.* 650 into Hellenistic. (65, 66).

**453** T. 3, x47. M 1136. Fairly hard; orange brown; small, med, and large white grits and a few small pebbles; wet-smoothed; slightly weathered. H. 290 mm. Rims: X-3; I-6; Ci 363-1. Base: X-1. Mainly *ca.* 650 into Hellenistic. (65).

**454** R. 476, Y18, I, x6. Med hard; lt brown; some very fine and occ. small white grits; wet-smoothed. H. 62.5 mm.+ Rims: I-3; Ci 304-1. (65).

**455** R. 455, AF21, I, x2. Med hard; lt orange, core med brown; many very fine white grits; wet-smoothed. D. *ca.* 115 mm. (65).

**456** R. 490, X17, I, x4. Med hard; lt brown core; very many very fine white grits; wet-smoothed. D. 135 mm. Rims: X-1; I-3; Ci 361-1. (65).

**457** R. 632, AA19, I, x2. Med hard; lt orange, core med gray; very many very fine white grits; wet-smoothed; weathered. D. *ca.* 110 mm. Rim: I-1. (65).

**458** T. 6, x22. Hard; lt orange brown, lt brown core; few fine white grits; wet-smoothed. D. *ca.* 90 mm. Rim: T. 8-1. (65).

**459** Ci 368, AG19, I, baskets 1-8, x3. Hard; med brown; many very fine and occ. small white grits; wet-smoothed. D. *ca.* 90 mm. (65).

**460** Ci 326, V22, I, x6. Fairly hard; gray brown; very fine white grits; wet-smoothed; dk gray red brown painted bands. D. *ca.* 90 mm. Rim: I-1. (65).

**461** R. 415, AG18, I, x2. Med hard; out. lt reddish orange, ins. med reddish orange, core med grayish brown; few small white grits and an occ. black grit; wet-smoothed. H. 92.5 mm.+ Rims: I-1; Ci 370-1. (65).

**462** AF20X, x3. Hard; lt yellow brown, core med brown; occ. very fine white grits; wet-smoothed. H. 90 mm.+ Rims: X-2; I-2; II-1. (65).

**463** Si 152, AJ22, x5. M 334. Hard; mottled orange brown and brown; many small to large white grits; evidence of fairly close horizontal burnishing; painted juxtaposed bands (horizontal) red-white-red on shoulder and body and red band around neck; weathered. H. 140 mm. (67).

**464** Dump V23, 24, I, x1. Hard; dull red brown; few fine white grits; horizontally burnished. H. 82 mm.+ Bases: X-8; I-9. Apparently mainly *ca.* 550 into Hellenistic. (67).

**465** R. 415—drain of AG18, I, x35. Lt orange brown out., grayish black ins., core lt brown orange; many white grits of all sizes, but those of smaller variety predominate; wet-smoothed; badly weathered. H. 110 mm.+ Bases: X-1; Sub I-1. (67).

**466** AF19X, x36. Med hard; lt red orange; wet-smoothed. H. 75 mm.+ Bases: X-3; I-2; Ci 183-1, 370-1. (67).

**467** E. of Burg, x4. Brown. H. 120 mm.+ (67).

## 8. SMALL JARS—SERIAL NUMBERS 468-522

### PLATE 28

**468** V12X, x26. Lt red brown, lt brown core; med dk gray grits; wet-smoothed. D. *ca.* 100 mm. (70).

**469** AF19, Sub floor R. 524, I, x2. Med hard; med red orange, core lt yellow; an occ. fine, small, and large white grit; wet-smoothed. D. *ca.* 115 mm. (70).

**470** R. 516, AE18, I, x14. Med hard; out. mottled lt brown and dk gray, ins. and core dk gray; many very fine and some small white grits; wet-smoothed; smoke blackened. Rim and handle: I-1; misc. I-1, II-1. (70).

**471** AA12X, x29. Lt red orange, gray core; black med grits; wet-smoothed. D. *ca.* 70 mm. Rim and handle: X-1; Sub I-1. (70).

**472** R. 313, AC24, I, x12. Fairly hard; lt brown; very fine white grits; wet-smoothed. D. *ca.* 110 mm. (70).

**473** AC15X, x8. Hard; lt brown out., lt brown drab ins., core med gray drab; very many very fine and occ. small white grits; wet-smoothed. D. *ca.* 115 mm. (70).

**474** AD19X, x16. Hard; out. and core of med brown, ins. lt yellow brown; very many very fine and occ. fine and small white grits; wet-smoothed.

**475** Ci 231, AF27, baskets 23-27, x11. Hard, sandy; lt red, gray core. D. to edge of rim *ca.* 170 mm. Rim and handle: Misc. I-1. (71).

**476** Ci 361, AC16, baskets 16-41, x25. Major portion; hard; lt yellow brown out., lt orange brown ins., core med brown; very many very fine and occ. fine and small white grits; wet-smoothed. H. *ca.* 362 mm. Rim and handle: I-1. Rims: X-1; I-3. Bases: X-1; I-1; Sub I-1; II-1; Ci 370-1; T. 54-1. Apparently LI and Hellenistic. (71).

**477** T. 32, E. Strip, x29. Soft; lt orange brown; large and fine white grits; wet-smoothed; weathered. H. 320 mm.+ Bases: X-3; I-6; Sub I-6; II-1; misc. II-2. Apparently mainly EI. (71).

**478** T. 54, x32. Med hard; lt brown orange, core med gray drab; some very fine and occ. fine and small white grits; wet-smoothed. D. 140 mm. Bases: Sub I-1; T. 53-1. (71).

**479** Dump from AD19, I, x4. Med hard; lt orange brown, core lt brown gray; some white grits of various sizes and a few large brown and gray; wet-smoothed out. but some evidence of burnishing remains ins. so may be from large bowl or crater; weathered. D. 150 mm. Bases: X-1; I-2; Sub I-2. (71).

**480** Rs. 414-421, AG18, I, Under wall between Rs., x4. Med hard; lt yellow brown, core dk gray; many very fine and occ. fine and small white grits; wet-smoothed; weathered. D. 150 mm. Bases: I-4; Sub I-3; II-1. (71).

**481** Si 307, X13, II, x6. Fairly hard; lt brown, lt gray core; small gray, very fine white grits; wet-smoothed. D. 100 mm. Bases: X-1; I-5; Sub I-1; misc. I-1. (71).

**482** R. 223, AB25, I, x2. Hard; lt red-brown, purple gray core; fine silicate, large gray, fine white grits; wet-smoothed; weathered. D. *ca.* 140 mm. Bases: X-1; I-2; Sub I-1; T. 54-1. (71).



**483** T. 54, x38. Med hard; lt brown drab and lt orange brown out., lt orange ins., core lt brown; very many very fine and several small white grits; wet-smoothed. H. 110 mm. + Bases: I-2; Sub I-1.

**484** R23X, x3. Very hard; dk brown, with lt brown surfaces; small white grits; wet-smoothed. D. 80 mm. Bases: I-5; Ci 285-1. (71).

#### PLATE 29

**485** R. 507, AE16, I, x4. Hard; lt brown drab out., ins. and core dk gray; many very fine and occ. small and large white grits; wet-smoothed. D. 150 mm. Bases: X-3; I-8; Sub I-2.

**486** AG18, Sub floor Rs. 416, 423, 424, I, x6. Hard; lt orange brown out., dk gray ins., core merging; many very fine white grits; wet-smoothed. D. 105 mm. Bases: X-2; I-4; Sub I-1; T. 54-1.

**487** R. 530, AC14, I, x7. Hard; lt orange brown, core med gray drab; many very fine and occ. small and large white grits; wet-smoothed; weathered. D. 115 mm. Bases: X-2; I-4; Sub I-2; misc. I-1; Ci 325-1.

**488** R. 234, AC24, I, x2. Fairly hard; lt brown surface; med white grits; wet-smoothed. D. ca. 90 mm. Base: I-1.

**489** R. 514, AE18, I, x25. Med hard; lt orange brown core dk gray; many very fine and occ. fine white grits; wet-smoothed. D. 110 mm. Bases: X-6; I-4; Sub I-1; misc. II-1.

**490** R. 332, AA23, I, x4. Hard; red brown surface; small white grits; wet-smoothed. D. ca. 50 mm.

**491** T. 54, x37. Med hard; lt yellow brown, out., med gray ins., core merging; some very fine and occ. fine and small white grits; wet-smoothed. D. 110 mm. Bases: X-3; I-1; Sub I-2.

**492** R. 546, AF18, II, x12. Hard; lt orange brown out., med gray ins. core merging; very many very fine white grits; wet-smoothed. D. 80 mm.

**493** R. 402, AF17, I, x13. Med hard; lt yellowish orange, brownish gray core; an occ. small white grit. D. ca. 95 mm. Bases: X-2; I-4; Sub I-1; misc. I-1.

**494** R. 406, AF17, I, x8. Med hard; lt orange, med brown core; many very fine and occ. med. white grits; wet-smoothed. D. 140 mm. Base: misc. I-1.

**495** AF16, Sub floor R. 420, I, x7. Hard; lt red orange out., lt orange brown ins., core med gray; some very fine and occ. fine white grits; wet-smoothed. D. 135 mm. Bases: X-2; I-7; misc. I-1.

**496** Ci 326, V22, I, x11. Hard; brown, lt brown surface; small fine white grits; wet-smoothed. D. ca. 190 mm.

**497** AA13, X S. of the Tower, x11. Fairly hard; lt red orange; black core, med gray grits; wet-smoothed. D. ca. 120 mm. Bases: X-3; I-5; Sub I-3.

**498** AB26, Sub R. 220, I, x3. Hard; faded brown surface, grits weathered out; few fine white grits; wet-smoothed. D. ca. 270 mm.

**499** AD13X, x14. Lt red brown, brown core; very fine white grits; wet-smoothed. D. ca. 150 mm.

**500** AA26X, x14. Hard; brown; many very fine white grits. D. ca. 170 mm. Bases: X-3; I-3; misc. I-1; Ci 183-1. Apparently mainly ca. 600-Hellenistic. (71 note 76, Chap. III 43).

**501** R. 310, AC13, I, x6. Lt orange brown; very fine black and white grits; wet-smoothed. D. ca. 140 mm. Apparently mainly ca. 600-Hellenistic. (71 note 76, Chap. III 43).

**502** R. 374, T22, I, x7. Fairly hard; brown, two lt

red cores; many fine white grits; wet-smoothed. D. 180 mm. Apparently mainly ca. 600-Hellenistic. (71 note 76, Chap. III 43).

**503** AB12, x15. Lt orange brown surface; fine white grits. D. ca. 140 mm. Apparently mainly ca. 600-Hellenistic. (71 note 76, Chap. III 43).

**504** R. 568, AD19, I, x13. Med hard; med brown, core med gray drab; very many very fine and occ. fine and small white grits; wet-smoothed. D. ca. 130 mm.

**505** R. 412, AF17, I, x6. Med hard; lt red orange out., med brown ins., lt gray core; very many very fine white grits and an occ. large dk mass; wet-smoothed. D. 135 mm. Bases: X-1; I-1; Sub I-1; misc. II-1; Si 295A-1. (71 note 76, Chap. III 43).

**506** AA26, x25. Base made in two parts. Hard; lt brown; fine white grits; wet-smoothed. D. ca. 170 mm. Apparently mainly ca. 600-Hellenistic. (71 note 76, Chap. III 43).

**507** Ci 370, AF20, I, baskets 32-40, x145. Med hard; lt brown orange, med gray drab core; some very fine and occ. small white grits; wet-smoothed; out. lt cream slip-smoothed; weathered. D. 140 mm.

**508** R. 278, AC24, I, x6. Fairly hard; lt brown, dk gray core; small and fine white grits; wet-smoothed. H. 138 mm. + Base: X-1.

**509** AA18X, x15. Med hard; lt yellow orange out., lt orange brown ins., core lt brown; many very fine and occ. fine and small white grits; wet-smoothed. D. 50 mm. Base: I-1.

**510** AD13X, x4. Lt brown surface; fine brown and white grits; wet-smoothed. D. ca. 70 mm. Base: I-1.

**511** Ci 361, AC16, I, baskets 16-41, x40. Very hard; lt brown out., med brown drab ins., core med red orange; some very fine and small white grits; well levigated; wet-smoothed. Base: I-1. Common phase in LI and later periods. (71).

**512** T. 13, x2. Fairly hard; orange brown with brown core; occ. small white grits; wet-smoothed. D. ca. 100 mm.

**513** S25, X E. of the Revetment of the Tower, x5. Fairly soft; brown; very many very fine white grits; wet-smoothed. D. ca. 160 mm.

**514** R. 563, AD20, I, x7. Leg and base-wall fragment of 3-legged jar. Med hard; lt orange brown out., med brown drab ins., core merging; very many very fine and occ. fine, and large white grits; greenish cream slip over out. D. 82 mm. Base: X-1. (71).

**515** R. 191, Q18, x4. Fragment of handle? Sandy; red.

**516** N18X, II, x13. Frag. of vessel wall and handle resembling three stubs of tree limbs; hard, sandy; lt red; few med grits.

**517** T. 32, below entrance, x567. Soft; lt orange brown; med fine white and gray grits; red slip out. and in neck. H. 52 mm. +

#### PLATE 30

**518** R. 581, AD18, I, x11. Spout, rim, and wall frag. Med hard; lt orange brown out., ins. and core lt brown drab; many fine white grits; wet-smoothed. D. ca. 97.5 mm.

**519** AF19, Sub floor R. 432, I, x11. Hard; lt brown drab out., ins. and core med gray; very many very fine and several fine and an occ. small white grit; wet-smoothed; some evidence of irregular burnishing on outer surface below attachment point of spout to wall. D. of spout rim ca. 80 mm. Spout: Ci 176-1.

**520** R. 410, AE17, I, x22. Hard; lt gray; some ultra-

fine white grits; out. black and badly weathered. D. of rim 65 mm.

**521** R. 134, Q16, x14. Frag. of small jar, pouring spout. Opening in wall for outlet poorly made. Orange red; med white grits. Spout: X-1; Ci 183-1.

**522** Ci 183, P18, baskets 16-20 inc., x35. Pouring spout from small vessel resembling face in front view. Sandy; lt red; decorative incised lines on out.

#### 9. THREE-HANDLED JARS—SERIAL NUMBERS 523-538

**523** Q14, II, x32. M 1418. Hard, sandy; buff; dk brown and red painted horizontal lines. H. 435 mm. Rims and handles, rims: X-2; I-5; misc. I-2; Cis 369-1, 370-1; T. 54-2. Bases: X-1; I-6; Sub I-2; II-1. Possibly mainly *ca.* 850-650 B. C. (75, 77).

**524** T. 32, N. Strip, x69. M 1903. Soft; lt brown; med and small lt gray, fine white grits; weathered and pitted. H. 385 mm. Rims and handles, rims: X-2; I-4; misc. I-2; Ci 285-1. Bases: X-1; I-1; Sub I-1; II-1; T. 54-1. Possibly mainly *ca.* 1000-850 B. C. (75, 77).

**525** Ci 320, AB15, II, x42. Very hard; lt brown surface brown beneath; very fine white grits; wet-smoothed. H. 123 mm.+ Rims and handles, rims: X-2; I-2; Sub I-2.

**526** T. 54, x29. Med hard; med brown drab, core lt brown; very many very fine and occ. small and large white grits; wet-smoothed. H. 170 mm.+ Rims and handles, rims: I-1; Sub I-2. (75 note 78, 77).

**527** R. 625A, AB17, I, x32. Med hard; out. lt brown to lt red brown, ins. and core med brown drab; very many very fine and some fine and small white grits; wet-smoothed. H. 100 mm.+ Rims and handles, rims: X-1; I-1; misc. I-1. Possibly mainly *ca.* 750-550 B. C. (75, 77).

**528** R. 440, AF19, I, x11. Med hard; lt brown, core lt red orange; very many very fine and occ. large white grits; wet-smoothed; out. of neck just above spout attachment bears 6 mm. brown painted line; rim spout shows evidence of 10 mm. brown painted line; weathered. H. 65 mm.+ Rims: I-3; Sub I-1; misc. II-1.

**529** R. 536, AC15, I, x6. Med hard; out. lt yellow, ins. and core lt red orange; very many very fine white grits; wet-smoothed; med brown 16 mm. painted band above handle. H. 75 mm.+ Rims: I-1; Sub I-1.

**530** R. 554, AF18, II, x2. Hard; lt brown drab, core med brown drab; very many very fine and several large white grits; wet-smoothed. H. 42.5 mm.+ Rims: I-1; misc. I-2.

**531** Ci 119, x26. M 194. Mottled lt red to buff out. and lt gray ins.; many fine and small and some med and large white grits; wet-smoothed; some evidence of fairly thick burnished greenish cream slip. H. 272 mm.+ Bases I-2; Sub I-1. (76).

#### PLATE 31

**532** R. 594, AD16, x9. Med hard; lt orange brown; many white grits of various sizes; wet-smoothed. D. *ca.* 215 mm. Bases: X-1; I-1; Misc. I-1, II-1.

**533** T. 54, x36. Med hard; lt orange brown to buff, core lt brown; very many very fine white grits and occ. small white grits; wet-smoothed. D. *ca.* 190 mm. Bases: X-3; I-1; II-1.

**534** AC17X, x13. Med hard; lt brown out., lt orange brown ins., core med orange; very many very fine white grits; wet-smoothed; weathered. D. *ca.* 175 mm. Bases: I-1; misc. I-1.

**535** R. 438, AF19, I, x22. Hard; lt brown drab; very many very fine and occ. small and large white grits; wet-smoothed; some evidence of greenish cream slip. D. *ca.* 145 mm. Bases: X-1; misc. I-1.

**536** R. 617, AB16, I, x14. Med hard; lt brown out., lt orange brown ins., core med brown; many very fine and occ. fine white grits; wet-smoothed; weathered. D. *ca.* 135 mm. Bases: I-2.

**537** R. 499, AE16, I, x7. Med hard; lt greenish cream; some very fine red grits, gray grits, and white grits; wet-smoothed; weathered. D. *ca.* 165 mm.

**538** AG19X, x13. Med hard; lt orange, core med brown; many very fine white grits; wet-smoothed; weathered. D. *ca.* 220 mm. Bases: X-3.

## CHAPTER II

### 1. PITCHERS—SERIAL NUMBERS 539-605

**539** T. 67, x10. One half of handmade pitcher. Med hard; mottled lt orange and lt brown; occ. fine and small white and brown grits; wet-smoothed; weathered. H. 135 mm. Apparently mainly *ca.* EB i and ii. (3).

**540** T. 67, x9. M 2726. Handmade pitcher. Med hard; lt yellow brown; occ. very fine white grits; wet-smoothed; weathered. H. 152.5 mm. Apparently mainly *ca.* EB i and ii. (3).

**541** S. 346, W13, II, x1. Hard; gray core, orange brown under surface, red brown surface; med white and gray grits; wet-smoothed. H. 110 mm. + Mainly EI and MI. (4).

**542** T. 32, Middle, x233. M 1961. Fairly soft; lt orange brown surfaces and lt red beneath; fine to large white grits; wet-smoothed; weathered. H. 184 mm. T. 32-1. Rim and handle: I-3; Sub I-1; Si 348-1. Bases: X-1; misc. II-1; Si 348-1; Ci 285-1. Mainly EI and MI. (1, 4).

**543** T. 32, S. strip, x231. Fairly soft; red brown; very many very fine white grits; wet-smoothed. H. 190 mm. T. 32-1. Rim and handle: T. 32-1. Bases: I-4. Mainly EI and MI. (1, 4).

**544** Ci 285, P22, baskets 75-87, x91. M 1720. Fairly hard; lt red brown, buff surface; very many very fine white grits and some fine and large white grits; wet-smoothed. H. 227 mm. Misc. I-1; Cis 176-1, 285-3; T. 32-1. Rim and handle: I-2; Sub I-1; Si 348-1; Cis 176-1, 285-1; T. 7-1. Bases: I-1; Sub I-1. Mainly EI and MI. (4).

**545** Ci 285, P22, baskets 60-74, x76. M 1714. Fairly hard; brown, lt brown and brown surface; fine white and gray grits; wet-smoothed. H. 237 mm. Misc. I-1. Rim and handle: X-1; Sub I-1. Bases: X-1; I-2; Sub I-2; Ci 285-1; T. 7-1. Mainly EI and MI. (4).

**546** Z25, Underneath floating walls, x47. Very hard; brown; fine white and gray grits; wet-smoothed. H. 163 mm. + Rim and handle: X-3; I-6; Sub I-2; Ci 361-1. Major phase possibly late MI into Hellenistic. (4).

**547** R. 514, AE18, I, x11. Med hard; lt orange brown, core med orange brown; some very fine and fine and occ. small white grits; wet-smoothed. H. 85 mm. + Rim and handle: X-1; I-1; Ci 285-1. Rim: Sub I-1. (4).

**548** Ci 176, N17, basket 49, x46. M 1029. Hard, sandy; mottled gray drab and green drab with circular orange spot *ca.* 30 mm. in D. in body wall; very many fine white grits; closely burnished vertically. H. 225 mm. Rim and handle: Ci 363-1. Bases: I-4; Ci 363-1. (4).

**549** Ci 159, AJ20, x72. Brown, baking pinkish on surface; wet-smoothed. H. 226 mm. Bases: X-4; I-2; Cis 285-1, 304-1, 320-1, 368-1, 370-1. Mainly late EI and MI. (1, 4).

**550** Ci 176, N17, baskets 120-123, x112. M 1052. Hard sandy; mottled buff and drab; wet-smoothed. H. 240 mm. Rim and handle: X-1. Bases: X-2; I-3; Sub I-1. Possibly late MI and later. (4, 6).

**551** T. 69, x1. M 2772. Med hard; lt brown orange, core med brown drab; very many very fine white grits; wet-smoothed; horizontal combing on out., probably eight teeth in comb-like object. H. 310 mm. + Mainly MB ii. (5, 13).

### PLATE 32.

**552** T. 69, x2. M 2773. Med hard; mottled lt yellow brown, and lt red orange; core with very many very fine and occ. small and large white grits; wet-smoothed; weathered. H. 195 mm. Mainly MB ii. (1, 5).

**553** T. 32, S. Strip, x151. M 1960. Fairly hard; red brown; few med fine white grits; vertically burnished; painted bands (white between red) under handle around vessel. H. 134 mm. Possibly *ca.* 1050-700 B. C. (1, 5, 13, 23, 33, 35).

**554** T. 5, x218. M 1386. Orange brown; some fine to large white grits; out. covered with red slip (hematite), possibly burnished; weathered. H. 135 mm. Possibly *ca.* 1050-700 B. C. (1, 5, 13, 23, 33, 35).

**555** Ci 285, P22, x113. M 1724. Fairly hard; orange brown; fine and small white, occ. large white grits; wet-smoothed. H. 185 mm. Possibly *ca.* 1050-700 B. C. (5, 13, 23, 33, 35).

**556** Ci 320, AB15, II, x49. M 2359. Fairly hard; brown; med, very fine white grits; wet-smoothed. H. 200 mm. Base: Sub I-1. Possibly *ca.* 1050-700 B. C. (1, 5, 13, 33).

**557** Ci 320, AB15, II, x28. Hard; red brown, brown core; very fine gray, fine white grits; vertically burnished. H. *ca.* 220 mm. Possibly *ca.* 1050-700 B. C. (1, 5, 13, 33).

**558** T. 32, E. Strip, x195. M 1943. Pinched lip; fairly soft; lt brown; small and fine white grits, occ. med and large white grits and masses; wet-smoothed; weathered and pitted. H. 247 mm. T. 32-1. Rim and handle: I-1; Sub I-1; misc. I-1; Ts. 32-1, 54-1. Bases: X-1; Sub I-1; T. 54-1. (6, 8, 23).

**559** T. 32, S. Strip, x196. M 1945. Fairly soft; lt brown; very many very fine and many med to large grits; remains of greenish cream slip; weathered and pitted. H. 243 mm. Ci 176-2; T. 32-1. Rim and handle: X-1; misc. I-1; T. 32-1. Bases: X-2; I-2. (6).

**560** Ci 320, N. hole, AB15, II, x55. M 2365. Fairly hard; lt brown; small very fine white grits; wet-smoothed. H. 222 mm. Ci 320-1; T. 32-1. Rim and handle: I-1; Ci 285-1. Bases: I-2. (6).

**561** T. 32, E. Strip, x192. M 1940. Pinched lip; fairly soft; buff; few small gray and fine white grits; wet-smoothed; weathered. H. 233 mm. T. 32-6. Rim and handle: T. 32-7. Bases: X-3; I-12; Sub I-1; Cis 285-2, 370-1. (6, 8).

**562** T. 29, x33. Fairly hard; lt brown; fine gray grits; remains of hematite slip. H. *ca.* 185 mm. Bases: I-1; Ci 363-1. (6).

**563** T. 29, x31. M 1766. Pinched lip; fairly soft; orange brown; many fine and small and some med and large white grits; wet-smoothed; weathered. H. 190 mm. Ci 285-1. Rim and handle: I-1; Sub I-1; misc. I-1; Ci 325-1; T. 32-1. (6).

**564** Ci 176, N17, basket 47, x44. M 1027. Slight compression of rim; hard, sandy; mottled lt orange brown and buff with lt brown core; very many very fine and a few med and large white grits; wet-smoothed. H. 275 mm. Cis 176-3, 320-1, 363-1. Rim and handle: Misc. I-1. Bases: X-10; I-23; Sub I-5; misc. I-1; Cis 285-1, 320-1, 325-1, 361-1. (6).

**565** Ci 320, AB15, II, x50. M 2360. Fairly hard; mottled orange red and lt brown; very many very fine and some large white grits and occ. brown grits; wet-smoothed. H. 290 mm. Rim and handle: Sub I-1; misc. 1; Ci 363-1. Bases: I-4; Sub I-1; misc. I-1; Cis 285-1, 304-1, 368-3. (6).

**566** Ci 285, P22, baskets 75-87, x96. M 1722. Pinched lip; very hard; mottled brown and lt brown surfaces, lt gray brown core; very many very fine, some med and large white grits; wet-smoothed. H. 225 mm. Cis 176-1, 320-1; T. 5-4. Rim and handle: I-2; misc. I-1, II-1; Ts. 5-3, 54-1. Base: Sub I-1. (6).

**567** Ci 285, P22, baskets 75-87, x99. M 1723. Rim slightly compressed for pouring; hard; buff with lt brown gray core; very many very fine and some large and med white grits; wet-smoothed. H. 213 mm. Cis 172-1, 285-1, 320-1. Rim and handle: Cis 320-1, 363-1. Bases: X-7; I-5; Sub I-1; Ci 320-1. (6).

**568** Ci 285, P22, baskets 75-87, x114. M 1725. Fairly hard; lt red brown; large, small white grits; wet-smoothed. H. 185 mm. T. 32-1. Bases: X-1; I-2; Ci 285-1. (6).

### PLATE 33

**569** Ci 176, N17, basket 126, x117. M 1055. Heavy, hard, sandy; mottled drab and buff; few med white grits; wet-smoothed. H. to highest part of rim 217 mm. Rim and handle: T. 54-1. Bases: X-1; I-1; misc. I-1. Late MI (?). (1, 6).

**570** T. 5, x226. M 1391. Slightly indented rim; hard, sandy; lt red; out. smooth. H. 240 mm. Bases: I-2; T. 7-1. (6).

**571** T. 32, below the late entrance, S. end, x238. M 1964. Soft; dull lt orange brown; some large, med, and fine white grits; wet-smoothed; badly weathered and pitted. H. 280 mm. Rim and handle: Ci 361-1?; T. 32-1. Bases: Sub I-2. Possibly mainly EI. (7).

**572** T. 32, E. Strip, x234. M 1962. Pinched lip; fairly hard; lt brown core, out. lt orange brown, lt brown, and buff gray; fine white grits; wet-smoothed. H. 205 mm. T. 32-1. Rim and handle: T. 32-1. Bases: I-2; Sub I-2; II-1. Possibly mainly EI. (7).

**573** T. 32, E. Strip, x208. M 1950. Pinched lip; fairly soft; mottled lt orange brown and lt brown; small white and lt brown grits; wet-smoothed. H. 174 mm. Rim and handle: Ci 325-1. Bases: Ci 361-1; T. 32-1. (1, 8).

**574** T. 32, N. Strip, x218. M 1953. Pinched lip; fairly hard; lt red brown to lt brown surface; small gray, white and very many very fine white grits; wet-smoothed; weathered but some slight evidence of horizontal burnishing. H. 157 mm. Base: Ci 304-1. (8).

**575** T. 32, E. Strip, x206. M 1949. Pinched lip; fairly soft; lt brown, brown core; small, med, and fine white and lt brown grits; wet-smoothed; weathered, pitted. H. 182 mm. Rim and handle: I-1. Bases: I-3; Sub I-1; misc. II-1. (8).

**576** T. 29, x32. M 1767. Pinched lip; fairly soft; lt red; few med and very many very fine white grits; wet-smoothed; remains of some horizontal burnishing. H. 160 mm. (8).

**577** T. 32, N. Strip, x226. M 1958. Soft; mottled lt brown and lt orange brown; small white and lt brown grits; horizontally burnished below handle on surface. H. 150 mm. Rim and handle: T. 32-1. (1, 4).

**578** T. 54, x42. Med hard; out. mottled lt red orange and lt brown drab, ins. and core of lt red orange; very

many very fine white grits; wet-smoothed; some evidence of vertical burnishing on out. H. 147 mm. + (1, 4).

**579** T. 32, Middle Strip, x190. M 1939. Pinched lip; fairly soft; lt brown (one side lt orange brown); med and large white and gray grits; wet-smoothed; some slight evidence of vertical burnishing; weathered and pitted. H. 215 mm. Bases: X-1; misc. I-1; Ci 320-1. Possibly EI-MI. (9).

**580** T. 32, S. Strip, x186. M 1937. Pinched lip; soft; orange brown; large, med, and small white and gray grits; wet-smoothed; weathered and pitted. H. 235 mm. T. 32-1. Rim and handle: T. 32-1. Base: X-1. Possibly EI-MI. (9).

**581** T. 32, N. Strip, x181. M 1936. Pinched lip; soft; lt brown; small and very fine white grits; wet-smoothed; some evidence of burnishing; weathered and pitted. H. 207 mm. Rim and handle: T. 32-1. Possibly EI-MI. (9).

**582** T. 32, E. Strip, x179. M 1935. Pinched lip; fairly soft; lt orange brown; fine white grits; wet-smoothed. H. 205 mm. Rim and handle: I-1; Sub I-1. Base: I-1. Possibly EI-MI. (9).

**583** Ci 363, AB16, I, x42. M 2887. Med hard; mottled lt red orange and med brown drab; very many very fine and occ. fine and small white grits; wet-smoothed. H. 223 mm. I-1; T. 3-1. Rim and handle: I-1; Sub I-1; Ci 285-2. Bases: X-1; I-7; Sub I-1; misc. I-1; Cis 320-1, 363-1. Major phase possibly ca. 700-500 B.C. (9).

**584** Ci 119, AK22, x5. M 154. Pinched lip; lt red, gray core. H. 252 mm. Rim and handle: X-1; Ci 368-1. Bases: X-1; I-7; Sub I-2; Cis 304-1, 361-1. Major phase apparently ca. 700-500 B.C. (10, 23).

**585** Ci 127, AK21, x7. M 249. Pinched lip; very hard; brown with buff surface; some fine to med white grits; well levigated; wet-smoothed. H. 233 mm. Misc. I-3. Rim and handle: Misc. I-6, II-1; Cis 325-1, 363-1, 368-3, 370-2. Bases: X-12; I-13; Sub I-2; misc. I-1; Cis 325-1, 368-2, 369-1, 370-1. See S 584. (10, 23).

**586** Ci 363, AB16, I, x49. M 2892. Hard; lt red; very many very fine and fine and some small white grits; wet-smoothed. H. 264 mm. Misc. I-2. Rim and handle: X-1; I-3; misc. I-1. Bases: X-3; I-5; Sub I-1; misc. I-3; Ci 368-1. See S 584. (10, 23).

**587** Ci 36, AJ24, x7. M 0161. Pinched lip; hard; surfaces buff to lt brown red; very many very fine and some med and large white grits; wet-smoothed. H. 257 mm. Bases: X-1; I-5. See S 584. (10).

**588** Ci 127, AK21, x21. M 262. Pinched lip; very hard; surfaces red brown to brown drab and drab beneath; very many very fine and some med and large white grits; wet-smoothed. H. 242 mm. Rim and handle: Misc. II-2. Bases: X-1; I-7; Sub I-1; misc. I-12; Cis 368-1, 370-1. See S 584. (10, 23).

### PLATE 34

**589** R. 341, S14, I, x26. Brown surface, orange brown under surface; fine white grits; wet-smoothed. H. 100 mm. + Rim and handle: I-1; Ci 304-1. (23).

**590** Ci 361, AC16, I, baskets 16-41, x63. Hard; lt yellow brown, core med orange; grits of various sizes and many fine scintillating particles; wet-smoothed. H. 110 mm. + Rim and handle: X-1; I-2; Ci 361-3. LI (?). (11).

**591** Ci 304, AB19, I, baskets 7-19, x32. Pinched lip; hard; brown, lt brown surface; fine brown and white grits; wet-smoothed. H. 130 mm. + LI (?). (11).

**592** R24X, x19. Hard; brown, dk gray core; fine

white grits, med (occ.) white grits; wet-smoothed. H. 80 mm.+ LI and Hellen. (?). (11).

**593** Ci 285, P22, baskets 88-90, x103. Hard; lt brown; very many very fine white grits; wet-smoothed. H. 285 mm.+ (11).

**594** T. 167, X22, x2. Yellowish brown; ribbed. H. 263 mm.+ Hellen.-Rom. (?). (1, 11).

**595** Si 157, x2. Reddish brown; wet-smoothed; ribbed. H. 105 mm.+ Hellen.-Rom. (?). (11).

**596** Ci 361, AC16, I, baskets 16-41, x62. Extra hard; lt brown drab, core med brown; very many very fine white grits; wet-smoothed; holes bored for repairing. H. 110 mm.+ Rim and handle: Misc. I-1. LI and Hellen. (?). (11).

**597** T. 13, x3. Fairly hard; lt brown; few small white grits; wet-smoothed. H. 120 mm.+ Rim and handle: T. 32-1. (11).

**598** AE15X, x24. Lt brown; wet-smoothed; finger impression. D. ca. 110 mm.

**599** Dump, N, P, Q13, 14, 15, I, x42. Sandy; red. D. ca. 60 mm.

**600** R. 566, AC14, I, x1. Med hard; lt orange brown; many very fine and some small and occ. large white grits; wet-smoothed. H. 75 mm.+ Rims: X-1; I-1.

**601** V23X, x14. Hard; orange brown, dk brown core; fine white grits, occ. med white; wet-smoothed. D. ca. 85 mm. Rims: X-1; I-3.

**602** T. 32, N. Strip, x141. Fairly hard; lt brown; fine white grits; wet-smoothed. H. 212 mm.+ (5).

**603** Si 347, W13, II, x8. Soft; dull red brown, gray core; med white grits; wet-smoothed. H. 185 mm.+

**604** Ci 363, AB16, I, x56. Med hard; lt orange brown; some very fine and small white grits; wet-smoothed. H. 167 mm.+

**605** T. 54, x143. M 2614. Pinched lip; med hard; lt brown; very many very fine white grits; wet-smoothed; out. very badly weathered. H. 157 mm. (1).

## 2. RED JUGS—SERIAL NUMBERS 606-614

**606** Ci 368, AG19, I, baskets 19-22, x69. M 2478. Med hard; lt orange brown; some fine white grits; red (hematite) slip out. H. 175 mm. Misc. I-3. Rim and handle: I-2; Ci 368-1. Bases: X-1; Cis 320-1, 368-1. Major phase apparently ca. 700-500 B. C. (17).

**607** Ci 216, P17, basket 26, x53. M 990. Lt orange brown; few med white grits; out. and ins. of neck covered with red (hematite) slip. H. 165 mm. Misc. I-1. Rim and handle: I-2; misc. I-4. Rim: I-1. Bases: I-1; misc. I-3. See S 606.

**608** Ci 304, AB19, I, baskets 20-28, x66. Fairly hard; lt brown; small lt brown grits; wet-smoothed; weathered hematite slip. H. 140 mm. Rim and handle: X-1; misc. I-1. Bases: X-4; I-1. See S 606.

**609** Ci 216, P17, basket 26, x54. M 991. Fairly hard; lt orange brown; few med white grits; and ins. of neck covered with red (hematite) slip. H. 168 mm. Rim and handle: Misc. I-1. See S 606. (16 note 7).

**610** R. 369, S22, I, x1. Fairly hard; dull red brown; med and small lt brown grits; red (hematite) slip. H. 148 mm. Rim and handle: Ci 368-1. Bases: X-5; I-6; Sub I-1; misc. I-2. See S 606. (16 note 7).

**611** R. 417, AE18, I, x21. Med hard; lt red orange; some very fine white grits; wet-smoothed; red (hematite) slip; weathered. H. 73 mm.+ Base: X-1. See S 606.

## PLATE 35

**612** Ci 363, AB16, I, x15. M 2881. Med hard; lt brown; occ. very fine white grits; wet-smoothed; out., also ins. rim and neck has red (hematite) slip. H. 212 mm. Misc. I-1; Ci 320-2. Rim and handle: Ci 370-2. See S 606.

**613** Ci 216, P17, baskets 13-16, x36. M 983. Fairly hard; lt orange brown; few med white grits; red (hematite) slip out. and part way ins. neck. H. 192 mm. Misc. I-2; Ci 368-1. Rim and handle: Misc. I-2; T. 3-1. See S 606.

**614** Ci 176, N17, baskets 36-38, x39. Fairly hard; orange red; med white grits; some remains of red (hematite) slip out.; badly weathered. H. ca. 160 mm. Bases: Misc. I-2. See S 606.

## 3. JUGS—SERIAL NUMBERS 615-732

**615** T. 12, x3. M 1555. Handmade; soft; orange brown; small brown grits; wet-smoothed; polished surface. H. 265 mm.+ T. 21-1. Mainly EB i and ii. (20).

**616** T. 66, x3. M 2686. Handmade; hump opposite handle; soft; mottled lt orange to med gray; white grits of various sizes; wet-smoothed; weathered; out. smoke blackened in spots. H. 243 mm. Note: jug contained—bones—human, one phalanx, reptile, one vertebra, bead, D. 6 mm. boring 2.5 mm. Mainly EB i and ii. T. 52-1. (20).

**617** T. 66, x4. M 2687. Handmade; soft; mottled lt orange brown and lt brown with some gray spots; white grits of various sizes; wet-smoothed; weathered. H. 260 mm. Note: jug contained—bones: human, one phalanx, animal, unidentified, L. 30 mm.+ T. 52-1. Mainly EB i and ii. (20).

**618** T. 66, x5. Handmade; soft; mottled buff and lt orange brown; white and brown grits of various sizes; wet-smoothed; badly weathered. H. 150 mm.+ Mainly EB i and ii. (20).

**619** T. 52, x20. M 2390. Handmade; fairly soft; lt brown, gray core; med fine white grits; wet-smoothed. H. 145 mm. Mainly EB i and ii. (20).

**620** T. 32, S. Strip, x166. M 1930. Fairly hard; lt orange brown; many very fine to large white grits; closely horizontally burnished body and vertically burnished neck; painted gray bands around body apparently from handle to base but irregular and smudged in places; weathered. H. 232 mm. Bases: I-3; T. 54-1. EI-MI. (21).

**621** T. 32, S. Strip, x150. M 1926. Jug with spout at right angle to the handle; soft; brown with lt brown surface; med fine white grits; wet-smoothed. H. 200 mm.+ EI-MI. (21).

**622** T. 54, x1. Soft; lt orange brown, gray core; few large, very fine white grits; wet-smoothed. H. 216 mm.+ Base: I-1. EI-MI. (21).

**623** T. 5, x116. M 1307. Base made to keep vessel upright counter balancing heavy anterior portion; pinched lip; sandy; buff; neck and handle vertically burnished, body horizontally; decorated with red and dk brown painted lines partly weathered off. H. 203 mm. T. 32-1. Apparently mainly ca. 1100-900 B. C. (22).

**624** T. 32, E. Strip, x115. M 1908. Pinched lip; fairly soft; mottled lt red and lt brown; very many very fine and many small and fine white grits; possibly burnished, but weathered. H. 243 mm. Bases: X-1; I-5; Sub I-1; Misc. I-1; T. 32-1. EI and MI. (23, 27, 38).

**625** T. 32, S. Strip, x143a. M 1922. Fairly soft; lt brown; few med and small brown grits; wet-smoothed; dk

gray and red brown painted bands. H. 290 mm. EI. (23, 27, 38).

## PLATE 36

**626** T. 32, N. Strip, x132. M 1916. Soft; lt orange brown; very many very fine and some small white grits; greenish cream slip apparently burnished; four painted horizontal bands around body, alternate red and black; weathered. H. 214 mm. Bases: I-2; Sub I-1; Ci 320-1. EI and MI. (23, 27, 38).

**627** T. 29, x6. M 1751. Fairly soft; lt brown and lt red brown; med fine white grits; wet-smoothed. H. 179 mm. Rim and handles: T.54-1. Bases: X-1; T. 54-1. EI and MI. (23, 27, 38).

**628** T. 29, W. Cemetery, x8. Fairly hard; brown; few med fine white grits; vertically burnished surface and handle. H. 199 mm. Body: Ci 370-1. Bases: I-5. EI-MI. (23, 27, 38).

**629** T. 32, E. Strip, x129. M 1915. Fairly hard; lt orange brown; many fine and small gray and brown grits; fairly closely vertically burnished; red slip; black painted decoration. H. 257 mm. Bases: X-1; I-1. EI and into MI. (24, 38).

**630** T. 29, x5. M 1750. Fairly soft; lt brown; fine white and occ. med brown grits; wet-smoothed. H. 225 mm. T. 32-2. Rim and handle: T. 32-2. Base: I-1. Common phase possibly EI. (25, 38).

**631** T. 32, S. Strip, x145. M 1923. Fairly soft; lt brown and lt orange brown; very many very fine and many small to large white grits; some evidence of burnishing and horizontal black and red painted bands; weathered and pitted. H. 205 mm. Rim and handle: T. 54-1. Bases: I-4. See S 630. (25, 38).

**632** T. 32, E. Strip, x112. M 1905. Soft; lt brown and lt orange brown; many very fine white grits; evidence of alternate black and red painted horizontal bands around body; weathered. H. 230 mm. T. 32-3. Rim and handle: Ts. 32-5, 54-1. Rim: Si 348-1. Handle: X-1. Bases: X-1; I-1; misc. II-1; T. 32-1. See S 630. (25, 38).

**633** T. 32, E. Strip, x114. M 1907. Fairly soft; lt orange brown and lt brown; small and very fine white grits; some traces of horizontal painted bands; weathered. H. 216 mm. Rim: I-1. Bases: X-1; I-5. See S 630. (25, 38).

**634** T. 32, S. Strip, x133. M. 1917. Fairly soft; lt brown; very fine white grits; wet-smoothed; painted gray-brown bands. H. 268 mm. T. 32-2. Rim and handle: T. 54-3. Bases: X-2; I-4; misc. II-1. See S 630. (25, 38).

**635** T. 32, N. Strip, x136. M 1919. Fairly hard; lt brown; med white, very many very fine white grits; wet-smoothed, traces of painted red horizontal bands around body and neck; weathered. H. 254 mm. See S 630. (25, 28, 38).

**636** T. 32, N. Strip, x137. M 1920. Soft; lt orange brown; very many very fine and some small to large white grits; possibly traces of horizontal painted bands; much weathered and pitted. H. 247 mm. Rim and handle: Misc. I-1; T. 32-1. Handles: I-1; II-1. Bases: I-4; Ci 285-1. See S 630. (25, 28, 38).

**637** T. 32, E. Strip, x117. M 1910. Fairly hard; lt brown; med and small white grits; wet-smoothed. H. 226 mm. Rim and handle: I-1. Handle: I-1. Bases: I-5; Sub I-1. See S 630. (25, 38).

**638** T. 32, E. Strip, x128. M 1914. Fairly soft; mottled lt orange brown and lt brown; some small to large white,

very many very fine white grits; vertically burnished; weathered and pitted. H. 230 mm. Rim and handle: T. 32-2. Bases: X-1; I-4. See S 630. (25, 28, 38).

**639** T. 32, x138. M 1921. Soft; lt orange brown; very fine white grits; wet-smoothed; weathered. H. 227 mm. T. 5-1. Rim and handle: X-1. Rims: I-1; Ci 363-1. Bases: X-3; I-4; II-1; misc. I-1, II-1; Ci 361-1. See S 630. (25, 38).

**640** T. 32, E. Strip, x109. M 1904. Fairly soft; lt brown; few fine white and gray grits and very many very fine white; evidence of burnishing; weathered. H. 262 mm. T. 32-1. Rim and handle: Misc. I-1. Handle: I-1. Bases: X-4; I-4; Ci 370-1. See S 630. (25, 38).

**641** T. 32, S. Strip, x146. M 1924. Fairly soft; lt brown and lt orange red; very many very fine and many small to large white grits; weathered and pitted. H. 251 mm. Note: exterior wall has leaf impression. Bases: X-6; I-5; Sub I-2; T. 54-1. See S 630. (25, 38).

**642** T. 32, S. Strip, x148. M 1925. Fairly soft; dull orange red and lt gray core; many fine to large white grits and some large gray grits; some evidence of burnishing; weathered and pitted. H. 198 mm. Bases: X-1; I-5. Common phase possibly ca. 1000 B. C.-LI. (25, 38).

**643** T. 5, x212. M 1380. Hard; sandy, buff; few med white and red and very many very fine white grits; wet-smoothed, two incised grooves on shoulder. H. 175 mm. See S 642. (25, 38).

**644** T. 5, x217. M 1385. Soft; mottled buff and lt red; very many very fine and some small and med white and gray grits; possibly evidence of horizontal burnishing, but weathered. H. 190 mm. Base: X-1. See S 642. (25, 28 note 28, 38).

**645** T. 5, x215. M 1383. Sandy; buff; few med white grits many of which have weathered out; wet-smoothed. H. 180 mm. See S 642. (25, 28 note 28, 38).

**646** T. 5, x214. M 1382. Lt orange brown; med white, gray, and brown and very many very fine white grits; weathered. H. 188 mm. Bases: X-1; I-3; Sub I-3; Ci 361-1. See S 642. (25, 28, 38).

**647** T. 5, x213. M 1381. Sandy, lt red; out. to rim horizontally burnished; weathered. H. 183 mm. Base: T. 7-1. See S 642. (25, 28, 38).

## PLATE 37

**648** T. 5, x259. Hard, sandy; buff. H. 220 mm. Rim and handle: T. 29-1. Bases: X-1; Sub I-1. See S 642. (25, 38).

**649** T. 54, x50. M 2586. Med hard; lt brown; very many very fine and occ. small and large white grits; wet-smoothed; evidence of close vertical burnishing; weathered. H. 190 mm. T. 32-1. Rim and handle: T. 32-1. Bases: X-1; I-8; Sub I-1; Ci 370-1. See S 642. (25, 38).

**650** T. 54, x49. M 2585. Med hard; med red orange, ins. and core lt brown drab; some very fine, small, and large white grits; wet-smoothed; weathered. H. 207 mm. T. 32-1. Rim and handle: T. 32-2. Bases: I-6; Sub I-2; II-1; misc. I-1. See S 642. (25, 28, 38).

**651** Ci 363, AB16, I, x45. M 2888. Med hard; mottled buff, lt brown, lt orange brown; very many very fine and some small to large white grits; wet-smoothed. H. 226 mm. Rims: I-2. Bases: X-1; I-6. Apparently late MI. (31, 38).

**652** Si 259, Q18, II, basket 5, x2. M 1066. Fairly hard; coarse; orange brown, gray core; many med and large gray grits; wet-smoothed; weathered. H. 230 mm. Rim and neck: Ci 325-1; Ts. 32-2, 54-1. Rim: X-1. Major phase apparently EI. (31, 38).



**653** T. 32, Middle Strip, x177. M 1934. Soft; lt brown, patches of lt orange brown; fine white and gray grits; wet-smoothed. H. 192 mm. Rim and handle: T. 32-1. Bases: Si 295C-1; Ci 361-1; Ts. 32-1, 54-1. See S 652. (31, 38).

**654** Ci 216, P17, x63. Hard, coarse; brown, reddish at surface, gray core; many med white grits. H. 220 mm.+ Rim and handle: I-1. Rim: Si 348-1. (31, 38).

**655** T. 32, E. Strip, x131. Soft; orange brown and buff, lt red brown core; very many very fine white grits; wet-smoothed; weathered. H. 216 mm.+ Bases: I-7; II-1; Ci 183-1 (?). (31, 38).

**656** T. 32, W. Strip, x158. Soft; lt brown; gray core; med, fine, white grits; wet-smoothed. H. 197 mm.+ Bases: X-2; I-2. (31, 38).

**657** T. 32, E. Strip, x42. Hard; brown, red brown core; few very fine white grits; wet-smoothed. D. ca. 100 mm. (32).

**658** AD26X, II, x5. Hard; drab; out. ridged. D. at mouth ca. 56 mm.

**659** AF19, Sub floor R. 432, I, x16. Med hard; out. med red orange, ins. med brown drab, core merging; occ. fine white grits and scintillating particles; wet-smoothed; out. badly weathered; two 8 mm. knobs placed at lower handle attachment.

**660** R. 513, AF18, I, x34. Pinched lip; med hard; lt brown orange, core lt brown gray; occ. very fine white grits; wet-smoothed; red (hematite) slip, closely burnished vertically; brown painted horizontal band at base of handle. H. 92 mm.+

**661** Ci 159, AJ20, x61. M 484. Hard; lt orange brown; many small and med gray, brown, and white grits; wet-smoothed. H. 244 mm. Rim and handle: X-1; I-2. Rims: I-2; misc. I-1. Bases: I-1; Ci 369-1. Mainly MI-LI. (32).

**662** Dump from AF18, I, x29. Med hard; lt red, lt brown core; very many very fine white grits; wet-smoothed. H. 50 mm.+

**663** R. 498, AE16, I, x10. Soft; lt red brown; very many very fine and fine and several small and large white grits; wet-smoothed; very badly weathered. H. 70 mm.+ Rims: X-1; I-2.

**664** Y12X, x11. Lt orange brown, orange brown core; buff grits; wet-smoothed. D. ca. 65 mm.

**665** R. 336, Z23, I, x4. Fairly hard; drab; fine white grits; wet-smoothed. H. 95 mm.+ Rim and handle: I-3; Ci 361-1. Rims: X-3; misc. I-2. MI-LI (?). (32).

**666** R. 488, X17, I, x15. Med hard; out. lt orange brown, ins. med gray black, core merging; occ. very fine scintillating particles; wet-smoothed. H. 110 mm.+ Rim and handle: I-1; Ci 361-1. Rims: X-4; I-3; Ci 361-1. Handle: I-1. MI-LI (?). (32).

**667** R. 624, AB17, I, x10. Med hard; out. buff, ins. lt drab, core med gray brown; some very fine and fine and occ. small white grits; wet-smoothed; possibly burnished; weathered. H. 65 mm.+ Rim and handle: I-2; misc. II-1.

**668** AF18, Sub floor R. 430, x11. Med hard; lt red orange; very many very fine and occ. small white grits; wet-smoothed. H. 117 mm.+

**669** R. 502, AE16, I, x20. Med hard; out. lt orange brown, ins. lt brown, core merging; some very fine white grits; wet-smoothed; red (hematite) slip; weathered. H. 95 mm.+

**670** R. 197, N18, I, x2. Sandy; red; painted decoration black and red lines. H. 123 mm.+ Rim and handle: X-2.

**671** Ci 191, AG25, x20. Rather hard; orange red; occ. med white grits; out. of neck below handle shows some vertical burnishing but not all way around. H. 73 mm.+

**672** Ci 320, AB15, II, x12. M 2355. Very hard; mottled red brown and lt brown; fine white grits; wet-smoothed. H. 260 mm. Rim and handle: Ci 320-1. Bases: X-7; I-3; Sub I-1; misc. I-2; Cis 285-1, 368-1. Major phase apparently ca. 700-500 B. C. (5, 23, 33).

**673** Ci 368, AG19, I, baskets 14-19, x50. M 2473. Med hard; surfaces gray drab and greenish in places with red brown core; fine and large white grits; wet-smoothed; out. very badly weathered. H. 270 mm. Ci 127-4. Bases: X-3; I-2; misc. I-1; T. 32-1. See S 672. (5, 23, 33).

**674** Ci 78, AK23, x3. M 142. Hard; lt red brown; very many very fine and some large white grits; wet-smoothed. H. 246 mm. Bases: X-4; I-7; Cis 285-1, 363-1. See S 672. (5, 23, 33).

#### PLATE 38

**675** Ci 49, AH24, x1. M 141. Hard; lt brown; very many very fine white and some med gray, brown, and white grits; well levigated; roughly but closely burnished vertically. H. 190 mm. Bases: X-2; I-4; Sub I-1; Ci 369-1. Possibly about same range as S 672. (33).

**676** Ci 191, AG25, basket 11, x125. Hard, sandy; lt red; an occ. large white grit. H. 142 mm.+ Bases: X-1; I-3; misc. I-1; Ci 363-1. Possibly about same range as S 672. (33).

**677** Ci 33, AK25, x7. M 122. Hard; mottled buff, lt brown, and lt orange; many various white grits; wet-smoothed. H. 237 mm.+ Rim and handle: T. 7-1. Rims: X-2. Base: I-1. Possibly MI-LI but mainly early LI. (33).

**678** R. 467, AD21, I, x12. M 2484. Med hard; mottled lt orange brown and med brown, core dk gray drab; some fine white grits; wet-smoothed; weathered. H. 201 mm. I-1. (33).

**679** Ci 127, AK21, x14. M 256. Reddish brown. H. 161 mm. Misc. I-2. Rim and handle: I-1; misc. I-1; Ci 361-1. Rim: X-1. Base: Misc. I-1. Apparently major phase in early LI. (19, 33, 54).

**680** Dump AD15X, x1. Med hard; lt brown, core lt brown drab; some very fine white grits; wet-smoothed. H. 65 mm.+ Rim and handle: I-3; Sub I-1. Rim: I-1.

**681** AF17, Sub floor Rs. 403, 404, 405, I, x7. Med hard; lt orange, core lt brown; very many very fine and occ. small white grits; wet-smoothed. H. of frag. 45 mm.

**682** R. 539, AC15, I, x9. M 2802. Jug with spout; hard; lt brown drab; very fine and several small white grits; wet-smoothed; out. badly weathered and no sign of finish, however ins. of neck shows evidence of red (hematite) slip-smoothing. H. 163 mm. Base: T. 15-1. Major phase apparently LI and Hellen. (34).

**683** T23X, x1. Hard; dk gray, lt orange brown; fine white grits; wet-smoothed. H. 75 mm.+ x3. Fairly hard; dk gray, brown surface; few large white grits, fine white grits; wet-smoothed. H. 85 mm.+ I-1; Ci 183-1. Rim and handle: I-3; Sub I-1; Cis 183-4, 361-1; T. 167-1. Bases: X-4. See S 682. (34).

**684** T23X, x2. Fairly hard; lt red brown; fine white grits; wet-smoothed. H. 65 mm.+ Rim and handle: X-3; I-1; Ci 361-1. Rim: Sub I-1. See S 682. (34).

**685** AB19X, x13. Fairly hard; lt red brown, inner third brown; few small white and gray grits; wet-smoothed. H. 60 mm.+ Rim and handle: X-1. (35).

**686** W. Cemetery, X Slope, x10. Soft; buff with

greenish tinge, lt orange brown beneath; few fine white grits; well levigated; wet-smoothed; low ribs out.; remains of black painted band near base. H. 75 mm.+ x11. Base. Same. D. 50 mm. Rim and handle: X-1. (35).

687 T. 8, x2. Fairly hard; orange brown; very well levigated; wet-smoothed. D. 60 mm. H. 60 mm.+ (35).

688 Ca 193, AG28, N. Wing, basket 4, x7. Hard, sandy; brown red. D. 49 mm.

689 Ci 361, AC16, I, baskets 1-17, x12. Hard; lt yellow brown, orange brown beneath, and inner half dk brown drab; very many very fine and occ. fine and small white grits; wet-smoothed; out. of rim and neck horizontally burnished; weathered. H. 45 mm.+ Rim. I-1.

690 Rs. 426-427, AF17, I, from house walls between, x10. Med hard; med brown; many very fine white grits; wet-smoothed; weathered. D. ca. 50 mm.

691 Z13, SE Corner, 61-75 cm., x28. Med hard; lt orange brown, core lt gray brown; some very fine and fine white grits; red (hematite) slip. D. ca. 75 mm. Rims: X-2; I-2.

692 Dump T14, Sub I, x1. Hard; brown; very fine white grits; incised grooves. D. ca. 65 mm.

693 T. 14, x1. Hard; lt brown, parts lt red brown; wet-smoothed. H. 131 mm. Bases: X-2; I-3; Sub I-1. (19, 35).

694 Ci 320, AB15, II, x63. Fairly soft; lt orange brown; few fine lt brown grits; red (hematite) slip. H. 95 mm.+ Bases: I-1; Sub I-1; misc. I-1; T. 32-2. (35).

695 Z26, Revetment below base, x10. Hard; lt red brown, lt brown core; med and very fine white grits; incised lines. H. 60 mm.+ Bases: I-1; Sub I-1.

696 R. 581, AD18, I, x13. Med hard; out. med orange, ins. dk brown drab, core merging; some very fine white grits; wet-smoothed; out. somewhat smoke blackened. D. 75 mm. Base: II-1.

697 R. 428, AF18, I, x5. Hard; med brown; many very fine and occ. large white grits; wet-smoothed. D. 60 mm. Bases: X-6; I-2; Sub I-1; misc. 1; Cis 320-1, 361-1, 370-1; T. 54-1.

698 Ci 370, AF20, I, baskets 53-68, x248. Hard; out. lt orange brown, ins. lt yellow brown, core med gray drab; an occ. fine white grit; out. shows evidence of burnishing but very badly weathered. D. 40 mm. Bases: X-4; Sub I-1.

699 R. 317, AA25, I, x3. Hard; brown, surface burned a lt red; gray grits. D. 25 mm. Bases: X-1; I-1; Ci 369-1.

700 P16X, II, x27. Red, sandy; black and red painted bands. H. 73 mm.+ Bases: X-1; I-1.

701 AE21X, x9. Med hard; lt gray drab; occ. very fine white grits; wet-smoothed; badly weathered. D. 45 mm.

702 AF32, E. Slope, x2. Hole in bottom; rather hard, sandy; lt red, brown core. H. 73 mm.+

703 Ci 358, AE17, I, baskets 1-2, x4. Med hard; lt orange brown; very fine white grits; wet-smoothed; vertically burnished out., red painted band. D. 100 mm. Bases: I-1; Ci 363-1.

704 Ci 165, AH20, x12. Drab, black surface. H. 105 mm.+ Base: I-1.

705 T. 32, E. Strip, x1. Fairly hard; brown; few fine white grits; wet-smoothed. D. 63 mm. Bases: misc. 1; T. 32-1. (36).

706 T. 32, S. Strip, x434. Soft; lt brown; fine white grits; wet-smoothed. H. 130 mm.+ Base: I-1; T. 54-1.

707 Si 222, R16, x2. Hard, smooth, sandy; lt red and buff mottled; probably polished; some indications of vertical knife scraping. H. 92 mm.+

708 Ci 159, AJ20, x59. Lt red; vertically burnished. H. 150 mm.+ Base: I-1.

709 Si 306C, X13, II, x26. Fairly soft; brown with lt brown surface; fine dk gray grits; wet-smoothed; red brown painted lines. H. 110 mm.+ Bases: X-2; I-2; T. 32-1. (36).

710 R16X, II, x14. Fairly hard; lt red; black slip out. D. 50 mm. (36).

711 R. 305, Z12, I, x5. Fairly hard; gray brown; many fine white grits; wet-smoothed. D. 55 mm. Bases: I-1; misc. 1. (36).

712 R. 513, AE18, I, x52. Med hard; lt brown out. merges into med brown ins.; very many very fine and occ. fine white grits; wet-smoothed. D. 50 mm. (36).

713 R. 551, AF17, II, x5. Med hard; lt yellow brown, core lt brown drab; occ. very fine or a small white grit; wet-smoothed; both surfaces appear to have been finished with red (hematite) slip. D. 75 mm. Bases: X-1; Sub I-1. (36).

714 R. 598, AC16, I, x8. Med hard; med orange; very many very fine white grits; wet-smoothed; weathered. D. 80 mm. (36).

715 X12X, x15. Lt orange brown; brown core; very fine white grits; wet-smoothed. D. ca. 130 mm. (36).

#### PLATE 39

716 S25, X E. of revetment of tower, x6. Hard; lt brown; fine white grits; wet-smoothed. D. 68 mm. Base: T. 22-1. (36).

717 T. 16, x2. Fairly soft, paste-like; lt brown; very few very fine gray grits; well levigated; wet-smoothed; weathered. D. 55 mm. (36).

718 T. 33, x5. Fairly hard; lt orange brown, lt gray beneath; a few fine white grits; wet-smoothed; weathered. D. ca. 55 mm. (36).

719 T. 54, x59. Med hard; out. lt orange, ins. lt yellow brown, core med gray; an occ. very fine white grit; wet-smoothed. D. 85 mm.

720 T. 54, x63. Hard; lt brown drab, core med brown drab; many very fine and occ. small and fine white grits; wet-smoothed; surfaces weathered. D. 60 mm.

721 Z25, II?, X E. of R. 322, x3. Fairly hard; brown; fine white grits; wet-smoothed. D. ca. 55 mm. Base: Sub I-1.

722 T. 54, x62. Med hard; buff; a few very fine and occ. fine and small white grits; wet-smoothed; out. lt orange slip; weathered. D. 40 mm. Base: X-2.

723 Y17X, x15. Med hard; lt orange brown, core lt brown gray; occ. very fine white grits and some scintillating particles; well levigated; wet-smoothed; three round depressions on out. of base.

724 AB25, 26, Sub R. 221, I, x7. Hard; lt brown surface, dk gray core; many fine white grits; criss-cross burnished surface. D. ca. 30 mm.

725 R. 439, AF19, I, x20. Med hard; lt red orange, med brown core; very many very fine white grits; wet-smoothed. D. 50 mm. Bases: X-2; I-1; Ci 304-1.

726 AF19X, x44. Hard; lt brown, core med brown; many very fine and occ. large white grits; wet-smoothed; weathered. D. 80 mm.

727 AF17X, x16. Med hard; lt brown out., brown drab ins., core brownish-gray; wet-smoothed. D. ca. 50 mm. Bases: X-2; I-1; T. 54-1.

728 AF20X, x16. Med hard; out. lt orange, ins. and core lt brown; many very fine and occ. small white grits; wet-smoothed. D. 70 mm.

729 Street 293, S13, I, x18. Lt brown, gray core;

some small and very small white grits. D. *ca.* 110 mm. Base: I-1.

**730** Street 293, S13, I, x17. Lt brown, gray core; very many small white grits. D. *ca.* 90 mm. Bases: X-1; I-1; misc. I-1.

**731** AB25, 26, Sub R. 221, I, x6. Hard; lt red brown; few med white many fine white grits; wet-smoothed; interior partly fire-blackened. D. *ca.* 90 mm.

**732** R. 462, AE20, I, x14. Base frag. three-legged wheelmade jug; med hard; lt orange brown; some very fine white grits and fine gray grits; wet-smoothed. Base: I-1. (36).

#### 4. DECANTERS—SERIAL NUMBERS 733-750

**733** T. 5, x260. Sandy; lt red; slight spiral ribbing ins., weathered. H. 205 mm. Body: T. 7-1. Base: X-1. Possible range *ca.* 1000 into LI. (32, 41, 42).

**734** R. 492, Extra Mural, x9. M 2519. Hard; lt red; occ. very fine and large white grits; wet-smoothed; horizontal burnishing tending to ring on out. H. 215 mm. Neck and handle: X-2; I-6; Sub I-1. Base: I-2. Major phase *ca.* 800-586 B.C. (41 and note 39).

**735** T. 3, x69. M 1153. Soft; lt orange brown surface, lt red beneath; few small and large white grits; seems to have been horizontally burnished but there is too much sediment to determine accurately; weathered. H. 254 mm. I-1; misc. I-1; T. 3-2. Neck and handle: I-1; misc. I-1. Handle: I-1. Bases: X-4; misc. I-2. See S 734. (43).

**736** Ci 78, AK23, x5. M 144. Hard; surfaces lt orange red to greenish buff, med brown drab core; very many very fine and a few large white grits; body and neck irregularly burnished horizontally to ring. H. 284 mm. Neck and handle: I-4; misc. I-1; Ci 370-1. Bases: X-1; I-1; Ci 183-1. See S 734. (41).

**737** Ci 171, Q16, baskets 14-18 inc., x17. M 869. Very fine, lt red, buff interior; wet-smoothed; horizontally burnished down to portion which slopes toward bottom, except lower part of neck which was vertically burnished; interior shows some effects of wheel. H. 265 mm. Neck and handle: I-2; Sub I-1; misc. 1; Cis 368-1, 370-1. Bases X-2; I-5. See S 734.

**738** Ci 363, AB16, I, x46. M 2889. Med hard; mottled lt orange, lt yellow brown, lt orange brown; very many very fine and many fine and small and some large white grits; wet-smoothed; weathered and out. horizontally burnished tending to ring. H. 232 mm.+ Body: X-1; I-1. Bases: I-1; Ci 369-1. See S 734.

**739** Ci 370, AF19, I, baskets 21-32, x96. Hard; out. lt brown yellow, ins. and core olive gray; occ. fine white grits; wet-smoothed; out. lt greenish cream? slip-smoothed and horizontally burnished; out. very badly weathered. H. *ca.* 195 mm. Neck and handle: X-4; I-4; Ci 370-3. See S 734.

**740** T. 3, x72. M 1156. Hard, sandy; lt red; very many very fine and few small white grits; wet-smoothed; spiral ribbing ins. H. 310 mm. T. 53-1. Neck and handle: X-2; I-1. Bases: I-4; Cis 304-2, 361-1. Apparently MI-LI or possibly early 6th cent. B.C. (32 note 32, 43).

**741** Ci 166, AG20, x29. Gray, reddish yellow surface; burnished. H. 179 mm.+

**742** Ci 285, P22, baskets 26-43, x35. Fairly hard; lt red brown surface, inner two-thirds gray; many very fine white grits; wet-smoothed. H. *ca.* 72 mm.+ Rim: X-1. (44).

**743** Ci 370, AF20, I, baskets 53-58, x250. Med hard; med brown drab, core of lt gray drab; some very fine and occ. small white grits; wet-smoothed; out. shows evidence of red (hematite) slip-smoothed, but badly weathered. H. 73 mm.+ Rim and handle: I-3. Handle: I-1. (44).

**744** R. 390, AB14, I, x16. Very hard; dk brown, red brown surface; small very fine white grits; wet-smoothed. H. 80 mm.+ Neck and handle: X-1; I-2. (44).

#### PLATE 40

**745** Dump T23, V23, 24, I, x5. Fairly hard; lt red brown, brown inner half; few fine white grits; wet-smoothed; partly fire blackened. H. 60 mm.+ (44).

**746** R. 435, AE18, I, x17. Med hard; out. med red orange, in lt brown, core merging; some very fine and occ. small white grits; wet-smoothed; weathered. H. 50 mm.+ Rim: I-1. (44).

**747** S23X, x35. Fairly hard; dull red brown; med and fine white grits; wet-smoothed. H. 103 mm.+ (44).

**748** Ci 304, AB19, I, baskets 7-19, x33. Fairly hard; red brown; few fine white grits; buff slip; horizontally burnished above handle, vertically burnished below. H. 62 mm.+ (44).

**749** Ci 49, AH24, x2. Red with lt brown surface; slightly smoothed. H. 141 mm.+ (44).

**750** AF19, Sub floor R. 432, I, x15. Hard; out. lt orange and lt brown orange, ins. med brown, core merging; some very fine and occ. small white grits; wet-smoothed; out. irregularly burnished. H. 85 mm.+ (44).

#### 5. JUGLETS—SERIAL NUMBERS 751-877

**751** Q18, II, x75. Body of handmade juglet. Coarse; buff with black core. H. 92 mm.+ (47).

**752** Ca 193D, AG28, basket 2, x6. Handmade juglet frag.; coarse; red brown; few med white grits; blackened ins. and partly out. H. 30 mm.+ (47).

**753** T. 69, x8. M 2776. Med hard; out. med brown drab, ins. dk gray, core merging; very many very fine white grits; wet-smoothed; pits bored into outer wall and filled with white paste. H. 62 mm.+ (48, 65).

**754** Ca 193D, AG28, basket 2, x5. M 953. Fairly hard, paste; lt brown; a few very fine brown grits; out. covered with red slip, white slip (?) over this. H. 19 mm.+ (48).

**755** Ca 193B, AG28, S. of Burial B, x12. Orange buff; small white grits; indications of polished red slip on out. H. 37 mm.+ (48).

**756** T. 69, x3. M 2774. Med hard; lt yellow brown; badly weathered. H. 164 mm. T. 69-1. Major phase MB ii and LB i. (46, 49).

**757** T. 32, E. Strip, x355. M 2021. Pinched rim; fairly soft; lt brown; very fine white grits; wet-smoothed. H. 120 mm. Rim and handle: X-1. Apparently has range of MB ii into EI. (49, 65).

**758** T. 32, N. Strip, x321. M 2024. Fairly soft; brown; med fine white grits; wet-smoothed. H. 105 mm. T. 32-1. Apparently EI. (50).

**759** T. 32, W. Strip, x359. M 2023. Fairly soft; lt brown; some very fine and a few large white grits; wet-smoothed; faint evidence of scraping. H. 94 mm. T. 32-1. Base: T. 54-1. Apparently EI. (50).

**760** Si 109, AL23, x2. M 138. Hard; lt brown; very many very fine white grits; wet-smoothed. H. 127 mm. (50).

**761** T. 54, x66. M. 2589. Med hard; out. mottled lt

brown drab and lt red orange, ins. lt brown drab, core lt red orange; many very fine white grits; wet-smoothed. H. 118 mm. Misc. 1. Neck and handle: II-1. (50).

**762** T. 54, x90. M 2597. Med hard; lt orange brown; very many very fine and some white grits of various sizes; weathered. H. 121 mm. T. 54-3. (50).

**763** Si 303, X13, II, x12. Hard; lt brown; fine white grits; wet-smoothed. H. 107 mm. T. 32-1. Neck and handle: I-1; T. 54-2. Base: misc. 1. (50).

**764** R. 564, AD20, I, x7. Med hard; lt orange brown, core red orange; very many very fine and several large masses of white grits; wet-smoothed; surface weathered. H. 105 mm. Neck and handle: Ci 370-1. Base: I-1. (50).

**765** T. 54, x83. M 2595. Soft at surface; lt orange brown; very many very fine white grits; wet-smoothed; weathered. H. 122 mm. Ts. 32-1, 54-3. Neck and handle: II-1; T. 54-2. Bases: I-1; Sub I-1; T. 32-1. Major phase EI. (51, 52).

**766** T. 54, x65. M 2588. Med hard; lt brown drab; many very fine white grits; red (hematite) slip, vertically burnished; weathered. H. 134 mm. Base: misc. 1. See S 765. (51, 52).

**767** T. 54, x80. M 2594. Med hard; buff and lt brown; occ. fine and small white grits; wet-smoothed; slight evidence of vertical burnishing on out.; weathered. H. 125 mm. Neck and handle: Ts. 32-1, 54-3. See S 765. (51, 52).

**768** T. 54, x67. Med hard; buff; very many very fine and occ. small and large white grits; wet-smoothed; some evidence of vertical burnishing; weathered. H. 125 mm. T. 32-8. Neck and handle: T. 32-2. Bases: misc. 1; T. 54-1. See S 765. (51, 52).

**769** T. 54, x69. M 2590. Med hard; lt red orange; some very fine white grits; possibly burnished; weathered. H. 120 mm. Ts. 32-13, 54-2. Neck and handle: misc. II-1; Ts. 32-3, 54-1. See S 765. (51, 52).

**770** T. 54, x73. M 2592. Med hard; lt brown and lt orange brown; many very fine and some small and occ. large white grits; wet smoothed; weathered evidence of lt greenish cream slip-smoothing. H. 123 mm. Misc. 1; T. 54-3. Neck and rim: I-1; Si 298A-1; T. 54-3. See S 765. (51, 52).

**771** Si 348, W13, II, x23. M 1538. Hard; lt orange red; very many very fine and few med white grits; wet-smoothed. H. 117 mm. T. 32-1. Neck and handle: II-1; Ci 369-1(?); T. 32-1. Bases: Sub I-2; Si 348-1. See S 765. (51, 52).

**772** T. 55, x3. M 2768. Med hard; lt brown; many very fine and occ. small and med white grits; wet-smoothed; surface very badly weathered but some suggestion of burnishing. H. 120 mm. Neck and handle: misc. I-1. See S 765. (51, 52).

**773** T. 7, x15. Pinched rim; fairly hard; brown; fine white grits; wet-smoothed. H. 125 mm. I-1. Neck and handle: X-1; misc. 1. Bases: I-1; Ci 320-1. See S 765. (51, 52).

**774** T. 32, Middle Strip, x346. M 2015. Fairly hard; lt orange brown; med-fine white grits; wet-smoothed; weathered, but some suggestion of burnishing. H. 135 mm. Misc. 1. Neck and handle: Ts. 32-1, 54-1. Rim: I-1. Base: misc. 1. See S 765. (51, 52).

#### PLATE 41

**775** AE17, Sub floor R. 410, I, x4. M 2784. Pinched rim. Hard; lt red orange and lt yellow brown; very many very fine white and occ. fine white grits; wet-smoothed.

H. 137 mm. Misc. 2. Neck and handle: I-1. Bases: I-1; misc. I-1; Ci 320-1; T. 54-1. See S 765. (51, 52).

**776** V21X, x9. M 1675. Fairly hard; lt brown and lt red brown surfaces; small white grits; wet-smoothed. H. 120 mm. I-1. Neck and handle: Si 348-1. Base: X-1. See S 765. (51, 52).

**777** Ci 358, AE17, I, x5. M 2800. Med hard; lt brown; white grits of various sizes; wet-smoothed; weathered. H. 115 mm. (51, 52).

**778** T. 5, x256. M 1415. Lt orange brown; many very fine and some small and med white grits; weathered. H. 115 mm. Neck and handle: II-1; Ts. 5-2, 29-1, 32-3. Base: II-1. See S 765. (51, 52).

**779** T. 54, x100. Med hard; med orange, core lt brown; some very fine and small white grits; red (hematite) slip, vertically burnished; weathered. H. 112 mm. calculated. Bases: I-1; Si 295C-1. Major range apparently *ca.* 1000-586 B.C. (51, 53).

**780** R. 394, AA14, I, x13. Fairly soft; lt red brown; small gray, very fine white grits; wet-smoothed. H. 130 mm. I-3; misc. 1; Ci 370-1; Ts. 29-2, 32-8. Neck and handle: I-6; Sub I-1; Cis 320-1, 370-1; T. 32-4. Rim: I-1. Bases: I-2; Sub I-1. See S 779. (51, 53).

**781** R. 361, T14, I, x31. M 1560. Fairly soft; faded red brown; fine and small white grits; wet-smoothed. H. 127 mm. T. 29-1. Neck and handle: I-2; Sub I-1; misc. II-1. Rim: I-1. Bases: X-1; I-2; misc. 2; Ci 285-1. See S 779. (51, 53).

**782** T. 5, x252. M 1411. Faded and weathered; lt red; very many very fine white grits. H. 130 mm. X-1; I-1; Ci 370-1; T. 5-3. Neck and handle: I-1; misc. 2. Bases: X-1; misc. 1; Ci 176-1. See S 779. (51, 53).

**783** Ci 166, AG20, x2. M 525. Hard; mottled buff and lt red; many fine and small, some large white grits; irregularly burnished vertically. H. 138 mm. I-3; Ci 370-1. Neck and handle: Sub I-1. Bases: I-2; misc. 3. Apparently MI-LI. (51, 53, 54).

**784** Ci 370, AF20, I, baskets 32-40, x152. M 2553. Extra-hard; lt brown orange; some very fine and small white grits; vertically burnished. H. 122 mm. Misc. 2. Neck and handle: X-1. Late MI. (51, 53, 54).

**785** Ci 156, AH20, x16. M 435. Hard; mottled buff and lt orange brown; some fine and small white grits; vertically burnished. H. 137 mm. Misc. 4. Neck and handle: I-1; Ci 368-1. Bases: X-1; I-2; misc. 1. See S 779. (51, 53).

**786** R. 513, AE18, I, x36. Very hard; mottled orange brown drab and brown drab, core med brown drab; very many very fine and occ. fine white grits; wet-smoothed; out. smoke blackened. H. 133 mm. Sub I-1; Ci 325-1. Neck and handle: I-1; misc. 1; Cis 361-1, 370-1. Bases: X-3; I-13; Sub I-1; misc. 1. See S 779. (51, 53).

**787** R. 227, AD25, x4. M 1199. Fairly hard; lt orange; some very fine to small white grits; vertically burnished. H. 129 mm. Bases: I-4; misc. 2. See S 779. (51, 53).

**788** T. 53, x3. M 2394. Fairly hard; lt brown; many very fine and some small and med white grits; much weathered; original surface probably buff. H. 162 mm. Misc. 1; T. 53-1. Neck and handle: I-1; T. 53-1. Rim: Ci 304-1. Bases: I-1; Sub I-2. Major phase apparently within 6th and 5th cents. B.C. (51, 53, 54).

**789** Ci 370, AF20, I, baskets 1-20, x22. M 2541. Hard; lt brown; evidence vertical burnishing on badly weathered surface. H. 152 mm. I-1. Neck and handle: X-1; I-1; Ci 285-1. Bases: I-9. MI-LI. (51, 53, 54).

**790** Ci 369, AF20, I, baskets 1-10, x22. Med hard;

lt red orange; occ. fine or small white grits; evidence of vertical burnishing with possible lt orange slip-smoothing; badly weathered. H. 150 mm. Rims: I-2. Bases: X-4; I-6; misc. 2. MI-LI. (51, 53, 54).

**791** Ci 370, AF19, I, baskets 21-32, x99. M 2546. Hard; mottled lt red orange and buff; some fine to med white grits; irregular vertical burnishing, mostly widely spaced, excluding base. H. 111 mm. Bases: X-1; misc. I-1. See S 779. (51, 53).

**792** Ci 370, AF20, I, baskets 53-58, x252. M 2559. Med hard; lt red; many very fine white grits; wet-smoothed; faint evidence of irregular burnishing (vertical); weathered. H. 136 mm. X-1; Ci 370-1. Neck and handle: Sub I-1. Base: Ci 370-1. Possibly mainly late MI. (51, 53, 54).

**793** T. 32, S. Strip, x352. M 2019. Soft; lt brown; very fine white grits; wet-smoothed; weathered. H. 135 mm. T. 32-1. Rim or body and spout: X-3; I-1; Si 295B-1. Mainly late EI and MI. (55).

**794** T. 54, x94. Med hard; out. lt yellow brown, ins. lt brown drab, core merging; very many very fine white grits; wet-smoothed; faint evidence of burning. H. 110 mm. + Rim, handle, and spout: T. 54-3. See S 793. (55).

**795** T. 54, x103. M 2600. Med hard; lt yellow brown; many very fine white grits; wet-smoothed; surface very badly weathered. H. 135 mm. Bases: misc. 1. At TN, EI. (55, 64).

**796** T. 54, x5. M 2410. Juglet with strainer and double-strand handle; fairly soft; lt brown; some med and very many very fine white grits; closely vertically burnished; weathered. H. 145 mm. At TN, EI. (55, 64).

**797** T. 5, x251. M 1410. Juglet with spout and two holes punched through wall for pouring; sandy; orange; few med white grits; red slip on out. and interior of neck. H. 66 mm. At TN, EI-MI. (55).

**798** T. 32, Middle Strip, x341. M 2044. Very hard; lt brown; small and fine white grits; closely burnished, neck vertically and body horizontally; weathered. H. 110 mm. Ts. 32-1, 54-1. Neck and handle: I-1. Bases: I-1; Sub I-1; misc. II-1; T. 54-3. Mainly EI. (56, 57, 59).

**799** T. 32, E. Strip, x389. M 2036. Fairly soft; lt red orange, brown core; many very fine white grits, also med and fine white and gray grits; closely burnished, body horizontally and neck vertically; weathered. H. 130 mm. + Bases: Sub I-1; misc. 1. Mainly EI. (56, 57, 59).

**800** T. 54, x104. M 2601. Med hard; lt orange; some very fine white grits; wet-smoothed; evidence of lt yellow slip-smoothing, but badly weathered. H. 122 mm. Bases: Ts. 32-1, 54-1. Mainly EI. (56, 57, 59).

**801** T. 32, E. Strip, x380. M 2034. Soft; lt orange brown; fine white and gray, and occ. large white grits; remains of orange red burnished slip; weathered. H. 98 mm. Mainly EI. (56, 57, 59).

**802** T. 54, x116. M 2606. Soft; lt orange; some very fine white grits; wet-smoothed; red (hematite) slip, vertically burnished; badly weathered. H. 88 mm. Neck and handle: T. 54-2. Mainly EI. (56, 57, 59).

**803** T. 54, x105. M 2602. Med hard; out. mottled lt yellow brown and lt brown, core and ins. lt yellow brown; very many very fine and occ. fine white grits; wet-smoothed; vertical burnishing on neck and horizontal on wall; five painted (brown) lines as shown. H. 128 mm. T. 32-1. Base: T. 32-1. Major phase apparently late EI and early MI. (56, 57, 59).

**804** T. 54, x111. M 2604. Soft; buff; some very fine and occ. small white grits; lt orange slip, burnished; surface very badly weathered. H. 93 mm. Neck and handle: T. 54-2. Base: Si 348-1. See S 803. (56, 57, 59).

**805** T. 54, x106. M 2603. Med hard; lt orange; very many very fine white grits; weathered evidence of burnishing on out. H. 105 mm. T. 32-1. Neck and handle: I-1. Bases: Sub I-1; T. 32-1. See S 803. (56, 57, 59).

**806** T. 54, x114. M 2605. Med hard; mottled lt orange and lt yellow brown; some very fine white grits; wet-smoothed; surface weathered. H. 108 mm. Neck and handle: T. 54-1. Base: T. 32-1. See S 803. (56, 57, 59).

**807** T. 5, x250. M 1409. Soft; buff and lt orange; small and med gray, white, and brown grits; weathered. H. 99 mm. Base: I-1. See S 803. (56, 57, 59).

**808** Ci 34, AL25, x1. M 111. Hard; mottled buff and orange brown; fine and small white, gray, and brown grits; wet-smoothed. H. 105 mm. Rim and handle: Ci 285-1. Possibly MI-LI. (60).

**809** T. 19, x1. Fairly hard; lt red brown; few fine lt brown grits; incised or burnished diagonal strokes around wall surface. H. 75 mm. Bases: X-1; T. 15-1. Possibly Hellen. into Byz. (60).

**810** T. 5, x245. M. 1406. Soft; orange; very fine and fine white and gray and few med white grits; some indications of burnishing; weathered. H. 113 mm. T. 32-2. Neck and handle: Ts. 5-1, 32-1, 54-1. Base: I-1. Major phase apparently EI. (58, 59).

#### PLATE 42

**811** Si 109, AL23, x1. M 137. Lt red; polished surface. H. 107 mm. Neck and handle: X-1. See S 810. (58, 59).

**812** T. 32, E. Strip, x239. M 2033. Soft; lt brown; many very fine white grits; much weathered. H. 122 mm. T. 7-1. Bases: X-1; T. 7-1. See S 810. (58, 59).

**813** T. 32, E. Strip, x298. M 2035. Soft; lt brown; very fine white grits; vertical burnishing. H. 120 mm. Neck and handle: X-1; misc. 1; T. 32-1. Base: T. 32-1. See S 810. (58, 59).

**814** T. 5, x247. M 1407. Soft; buff at surface, lt red underneath; very many very fine white grits; indications of close burnishing on out.; badly weathered. H. 115 mm. Neck and handle: I-1; Sub I-1; Ts. 5-1, 7-1, 29-1. Bases: Ts. 29-1, 32-2. Major phase apparently EI-MI. (58-59).

**815** T. 32, E. Strip, x382. Soft; dull red brown, lt brown core; small gray, very fine white grits; probably burnished; badly weathered. H. 103 mm. See S 814. (58, 59).

**816** T. 32, N. Strip, x394. M 2042. Fairly soft; lt orange brown; med and large gray and white grits; closely vertically burnished; red (hematite) slip; weathered. H. 95 mm. Neck and handle: T. 32-3. Bases: Sub I-1; Ts. 32-1, 54-1. See S 814. (58, 59).

**817** T. 5, x249. M 1408. Thick, sandy; surface lt orange, lt red beneath; very many very fine and some small white grits; badly weathered; portion not weathered off shows burnishing. H. 88 mm. Major phase apparently ca. 1000-500 B.C. (58, 59).

**818** R. 310, AC13, I, x4. Hard; lt orange red; very many very fine white grits; wet-smoothed. H. 85 mm. Neck and handle: X-2; I-1. Bases: X-1; Ci 285-1. See S 817. (58, 59).

**819** X22X, x25. M 552. Hard; lt orange brown;



some very fine white grits; wet-smoothed. H. 63 mm. I-1. Bases: I-4. See S 817. (58).

820 R. 405, AF17, I, x16. M 2422. Hard; lt brown; very many very fine and some med white grits; wet-smoothed. H. 80 mm. Neck and handle: I-1. Possibly LI. (60, 64).

821 AD14, I, x17. M 1443. Hard; lt brown; very many very fine white grits; wet-smoothed. H. 85 mm. Bases: X-2; I-1; Sub I-1; II-1; Ci 285-1. Possibly LI. (60, 64).

822 R. 578, AD18, I, x16. M 2762. Med hard; lt brown; many very fine and fine white grits; wet-smoothed; vertically burnished; weathered. H. 90 mm. Neck and handle: X-1. Common phase ca. 700-500 B. C. (61, 65, 66).

823 Ci 368, AG19, I, baskets 8-14, x32. M 2470. Med hard; lt brown; many fine and small and large white grits; evidence of lt orange slip, vertical burnishing; weathered. One side perforated. H. 92 mm. Neck and handle: I-2. See S 822. (61, 65, 66).

824 Si 92, AL23, x3. M 135. Hard; lt brown; very many very fine white grits; faint evidence of burnishing; weathered. H. 103 mm. I-1. Neck and handle: I-5; Sub I-1. Bases: X-1; I-1; misc. 1. See S 822. (61, 65, 66).

825 Ci 128, AK21, x2. M 209. Hard; lt orange red; some fine and small white grits; wet-smoothed; burnished vertically (irregularly) from shoulder to beginning of in-curve at base. H. 120 mm. Neck and handle: I-2; Ci 368-1. Bases: I-2; misc. 1. See S 822. (61, 65, 66).

826 R. 467, AD21, I, x13. M 2485. Med hard; lt orange brown, lt brown core; some fine white grits; some evidence of orange red slip; weathered. H. 118 mm. Neck and handle: X-2; I-4. Base: I-1. See S 822. (61, 65, 66).

827 Ci 49, AH24, x21. M 287. Fairly hard; lt orange red; many various white grits; wet-smoothed; weathered. H. 125 mm. Neck and handle: X-1. See S 822. (61, 65, 66).

828 Ci 370, AF20, I, baskets 32-40, x150. Extra-hard; out. lt orange, ins. lt yellow brown, core merging; many very fine white grits; wet-smoothed; lt orange slip-smoothed, vertically burnished. H. 112 mm.+ Neck and handle: X-1; I-1; misc. 1. See S 822. (61, 65, 66).

829 T. 3, x73. M 1157. Fairly soft, sandy; lt brown; many very fine white grits; wet-smoothed; weathered. H. 148 mm. Body: X-1. (62).

830 AD17X, x23. Med hard; lt orange brown; very many very fine white grits; wet-smoothed; lt greenish cream slip-smoothed; probably burnished; badly weathered. H. 50 mm.+ (61).

831 R. 329, Z24, I, x10. Fairly hard, fine; brown; small and fine white grits; wet-smoothed; vertically burnished. H. 48 mm.+ (62).

832 AA25X, x35. Fairly hard; lt brown; fine white grits; possibly a white slip. H. 30 mm.+ Rim: I-1. (62).

833 R. 406, AF17, I, x16. Lt brown orange out., lt brown ins., lt brown core; occ. very fine and small white grits; wet-smoothed. H. 50 mm.+ Rim and handle: I-1. (62, 64).

834 Dump AG17X, x1. Hard, pasty; brown; wet-smoothed. H. 52 mm.+ Neck and handle: X-1. Rims: I-3. Possibly LI. (62).

835 T. 15, x4. Handle crudely made; fairly soft paste; lt brown; few fine white grits; wet-smoothed. H. 60 mm.+ Neck and handle: X-1. Rim: T. 6-1. Possibly Hellen.-Byz. (62, 64).

836 T. 10, x5. Hard, paste-like; lt orange brown, lt gray brown core; few very fine white grits; wet-smoothed. D. 34 mm. Bases: I-4; Ci 47-1; T. 14-1. (62).

837 AF17X, x17. Med hard; yellowish orange, core lt red orange; fine white grits; wet-smoothed. D. ca. 35 mm. (62).

838 Dump from Y19X, x2. Hard; lt brown, lt brown drab core; some very fine and small white grits; wet-smoothed. D. 25 mm. Base: X-1. (62).

839 R. 576, AD18, I, x21. Base, wall and handle frag.; med hard; med orange; some white grits of various sizes; wet-smoothed. H. 50 mm.+ (62).

840 R. 124, N15, I, x2. M 659. Hard; lt orange brown; many fine brown grits; greenish cream slip. H. 84 mm.+ (62).

841 Ci 183, P18, baskets 46-50, x70. Sandy texture; mottled lt red and buff. H. 88 mm. Possibly LI or Hellen. (62).

842 T. 32, E. Strip, x281. M 2057. Black; very many very fine white grits; weathered. H. 114 mm. T. 32-1. Rim and handle: T. 32-1. See S 803. (57, 59).

843 T. 54, x126. M 2610. Med hard; black; very many very fine white grits; wet-smoothed with faint evidence of vertical burnishing. H. 80 mm. T. 32-1. Rim and handle: T. 54-4. Base: T. 55-1. See S 803. (57, 59).

844 T. 54, x121. M 2608. Med hard; black; very many very fine white grits; wet-smoothed; irregular vertical burnishing; weathered. H. 98 mm. T. 32-2. Base: T. 32-1. See S 803. (57, 59).

845 T. 54, x125. M 2609. Soft; black; very many very fine white grits; apparently burnished; weathered. H. 114 mm. Ts. 32-8, 54-1. Neck and handle: Ts. 32-2, 54-1. Bases: T. 32-5. See S 803. (57, 59).

846 T. 5, x44. Hard; black; many very small white grits; some evidence of vertical burnishing. H. 80 mm. See S 803. (59).

847 T. 54, x122. Med hard; black; very many very fine white grits; wet-smoothed; irregular vertical burnishing. H. 95 mm. Neck and handle: T. 54-2. Base: misc. 1. Major phase apparently EI. (58, 59).

848 T. 32, S. Strip, x425. M 2065. Black; vertically burnished. H. 80 mm. T. 32-4. Neck and handle: T. 32-2. See S 847. (58, 59).

849 T. 54, x140. M 2613. Med hard; black; very many very fine white grits; wet-smoothed; closely burnished vertically, but weathered. H. 86 mm. T. 32-4. Neck and handle: Ts. 32-5, 54-1. See S 847. (58, 59).

850 T. 54, x131. M 2611. Med hard; black; very many very fine white grits; close vertical burnishing. H. 90 mm. T. 54-1. Neck and handle: Si 348-1; T. 54-7. Base: T. 32-1. See S 847. (58, 59).

851 T. 54, x120. M 2607. Med hard; black; very many very fine white grits; wet-smoothed; probably close vertical burnishing; weathered. H. 95 mm. T. 32-2. Major phase apparently EI-MI. (58, 59).

852 T. 5, x36. M 1255. Hard; black; many very fine white grits; vertically burnished. H. 85 mm. T. 5-3. Neck and handle: T. 5-4. See S 851. (58, 59).

853 T. 3, x65. M 1149. Hard; black; very many very fine white grits; vertically burnished; weathered. H. 80 mm. Ts. 3-2, 29-1. See S 851. (58, 59).

#### PLATE 43

854 T. 5, x20. M 1245. Hard; black; very many very fine white grits; closely vertically burnished. H.



78 mm. Ts. 5-9, 14-1. Neck and rim: T. 5-6. Base: I-1. See S 851. (58, 59).

**855** T. 32, Center, x443. M 2081. Black; burnished. H. 89 mm. T. 32-1. Neck and rim: misc. 1; T. 43-1. Base: T. 55-1. See S 851. (58, 59).

**856** R. 350, X13, I, x9. M 1846. Black; very many very fine white grits; closely vertically burnished. H. 54 mm. (58, 59).

**857** T. 5, x1. M 1235. Hard; black; many very fine white grits; vertically burnished. H. 100 mm. Ts. 5-9, 32-2; Ci 320-1. Neck and handle: misc. II-1; Ts. 5-9, 7-1. See S 851. (58, 59).

**858** T. 5, x45. M 1259. Hard; black; many very small white grits; vertical burnishing. H. 94 mm. I-1; T. 5-2. Neck and handle: T. 5-6. Bases: misc. II-3. See S 851. (58, 59).

**859** T. 29, x15. M 1757. Black; very many very fine and a few med and large white grits; close vertical burnishing; weathered. H. 92 mm. Ts. 29-1, 32-5; misc. 1. Neck and handle: Ts. 29-3, 32-6. Base: T. 32-1. Pl. 38: 3. (58, 59).

**860** T. 5, x54. M 1262. Hard; black; many very fine white grits; closely vertically burnished; weathered. H. 88 mm. Pl. 36: 20. (58, 59).

**861** T. 29, x16. M 1758. Black; very many very fine white grits; irregularly vertically burnished. H. 94 mm. Ts. 29-1, 32-1. Neck and handle: T. 29-1. Major phase apparently *ca.* 1000-500 B. C. Pl. 38: 4. (58, 59).

**862** R. 40, AK20, x2. M 210. Black; very many very fine white grits; burnished; weathered. H. 89 mm. Base: I-1. See S 861. (58, 59).

**863** T. 29, x19. M 1761. Black; very many very fine white grits; probably burnished; weathered. H. 66 mm. See S 861. Pl. 38: 5. (58, 59).

**864** Ci 220, Q17, basket 14, x14. M 868. Black; very many very fine white grits; burnished; weathered. H. 68 mm. I-1; Si 295C-2. See S 861. (58, 59).

**865** Ci 363, AB16, I, x47. M 2890. Med hard; black; very many very fine white grits; probably closely vertically burnished; weathered. H. 63 mm. Bases: I-2. See S 861. (58, 59).

**866** T. 29, x17. M 1759. Black; very many very fine white grits; closely burnished; weathered. H. 71 mm. Base: misc. II-1. See S 861. Pl. 38: 8. (58, 59).

**867** R. 45, AK20, x2. M 283. Black; very many very fine white grits; burnished; weathered. H. 70 mm. Neck and handle: I-1. See S 861. (58, 59).

**868** T. 3, x68. M 1152. Hard; black; very many very fine white grits; closely burnished; weathered. H. 73 mm. Misc. 1; T. 7-1. See S 861. (58, 59).

**869** T. 29, x18. M 1760. Black; vertically burnished. H. 80 mm. Ts. 29-1, 32-1. Neck and handle: T. 29-2. Bases: I-1; T. 32-1. See S 861. Pl. 38: 9. (58, 59).

**870** R. 292, S14, I, x25. Black; very many very fine white grits; burnished; weathered. H. 81 mm. Neck and handle: X-1; I-1; misc. 1. Bases: I-2; Ci 285-1. See S 861. (58, 59).

**871** R. 45, AK20, x1. M 282. Black; very many very fine white grits; irregularly burnished vertically. H. 67 mm. X-1; I-1; misc. 1. Neck and handle: I-1. Bases: I-2. See S 861. (58, 59).

**872** T. 55, x9. M 2769. Med hard; black; many very fine and fine white grits; wet-smoothed; weathered evidence of vertical burnishing. H. 84 mm. Neck and handle: T. 55-1. Base: Sub I-1. Major range *ca.* 1000-586 B. C. Pl. 38: 20. (62).

**873** T. 32, E. Strip, x365. M 2026. Cypriote type;

fairly hard, paste; red brown, lt brown core; horizontally burnished; decorated with black paint; horizontal bands on body and neck, three groups of three concentric circles on shoulder. H. 91 mm. T. 32-4. Neck and handle: X-1; T. 32-4. Base: misc. 1. Major range *ca.* 1100-850 B. C. in southern Palestine. Pl. 32: 22. (63).

**874** Ci 368a, AG19, I, baskets 19-22, x71. M 2479. Cypriote type; paste; lt orange; polished; black painted decoration, horizontal bands on neck, concentric circles on body and shoulder. H. 90 mm. Neck: II-1. TN type from 7th cent. locus. (63).

**875** T. 32, E. Strip, x294a. M 2025. Fairly hard, paste-like; lt red brown; few fine gray and very fine white grits; vertically burnished; horizontally burnished below bands; black painted bands and handle. H. 66 mm. + Possibly mainly EI. Pl. 32: 23. (63).

**876** Ci 370, AF20, I, baskets 32-40, x157. Med hard; paste; lt orange; an occ. very fine white grit; wet-smoothed; closely horizontally burnished on wall and vertically burnished on lower neck; black painted decoration. H. 105 mm. + At TN from 7th cent. locus. (63).

**877** Ci 370, AF20, I, baskets 32-40, x158. Handle and wall fragment of thick-walled juglet or possibly from ampulla; med hard; lt orange brown; many very fine and occ. large white grits; well levigated; closely horizontally burnished; black painted decoration. H. 50 mm. + At TN from 7th cent. locus. (Chap. I 34, 63).

## 6. HANDMADE CUPS—SERIAL NUMBERS 878-924

**878** CT 6, AK26, x96. M 0126. Soft, coarse; lt orange brown. D. 71 mm. CT 6-1. Pl. 24: 32. (68).

**879** CT 6, AK26, x73. M 119. Soft, coarse; lt orange brown; some fine and small white grits. D. 67 mm. Pl. 24: 33. (68).

**880** CT 6, AK26, x72. M 118. Fairly hard, coarse; lt orange brown; some small white grits. D. 50 mm. Pl. 24: 34. (68).

**881** CT 6, AK26, x11. M 14. Coarse, soft; lt orange brown; some small white grits. D. 55 mm. Pl. 24: 35. (68).

**882** CT 6, AK26, x71. M 74. Buff. H. 54 mm. Pl. 24: 36. (68).

**883** CT 6, AK26, x68. M 71. Dull reddish. H. 68 mm. Pl. 24: 37. (68).

**884** CT 6, AK26, x21. M 24. Buff. H. 80 mm. Pl. 24: 38. (68).

**885** CT 6, AK26, x31. M 34. Originally double as indicated by nubs on rim; buff. H. 63 mm. Pl. 24: 39. (69).

**886** CT 6, AK26, x47. M 50. Possibly double cup; buff. H. 55 mm. (69).

**887** CT 6, AK26, x3. M 5. Buff surfaces, black beneath. H. 37 mm. Pl. 24: 40. (69).

**888** CT 5, AK26, x6. M 80. Fairly hard, coarse; lt orange brown; small and fine white grits. H. 50 mm. Pl. 24: 41. (69).

**889** CT 5, AK26, x9. M 83. Fairly hard, coarse; mottled lt orange brown and gray; some small white grits. H. 79 mm. (69).

**890** AF18, Sub floor R. 430, I, x14. M 2567. Med hard; mottled lt orange brown and lt brown drab; occ. very fine white grits; wet-smoothed; surfaces very irregular. H. 52 mm. Frag: I-1; CT 5-1. (69).

**891** CT 6, AK26, x30. M 33. Gray smoke-blackened. H. 70 mm. Pl. 24: 42. (69).

892 T. 32, Middle Strip, x560. M 2187. Hard; mottled lt orange brown and lt brown; med and large white and gray grits. H. 67 mm. I-1. Frag: T. 52-1. Pl. 27: 6. (69).

893 N18X, II, x10. M 915. Fairly hard, coarse; lt orange red; med and large white grits. H. 82 mm. (69).

894 CT 6, AK26, x104. M 0140. Crudely formed out., ins. roughly circular; possibly molded over a stone; soft; lt orange brown. H. 65 mm. (69).

895 CT 6, AK26, x107. M 0155. Very roughly made; fairly soft, coarse; lt brown. D. 72 mm. (69).

896 CT 6, AK26, x28. M 31. Reddish brown, gray core. H. 95 mm. Misc. 1. Pl. 24: 43. (70).

897 T. 66, x9. M 2690. Soft; lt orange brown; some fine white grits; some remains of orange slip; weathered. H. 66 mm. Rim and handle: X-1; CT 5-1; T. 32-1. Pl. 25: 10. (70).

#### PLATE 44

898 Ca 193B, AG28, on debris E. of burial B, x1. M 941. Fairly coarse, soft; lt orange brown; some med and large white and gray grits. H. to highest point of rim 95 mm. Pl. 27: 15. (70).

899 CT 6, AK26, x29. M 32. Double strand handle; fairly hard; mottled buff and lt orange brown; various red and white grits; weathered. H. 73 mm. Rim and handle: CT. 5-1. Pl. 24: 44. (70).

900 T. 60, x1. M 2458. Hard; mottled lt brown and lt orange; some fine and small white grits; wet-smoothed. H. 78 mm. Pl. 27: 14. (70).

901 CT 6, AK26, x4. M 6. Lt brown; few small white grits; surfaces rough. H. 73 mm. Pl. 24: 45. (70).

902 CT 5, AK26, x28. M 102. Fairly hard; mottled lt brown and med gray brown, gray core; surfaces rough. H. 67 mm.+ (70).

903 T. 32, S. end, x558. M 2186. Double strand handle; fairly hard; med brown gray; small and fine white grits; wet-smoothed. H. 83 mm. Rim and handle: II-1. Pl. 27: 7. (70).

904 CT 6, AK26, x14. M 17. Buff. H. 70 mm. CTs 5-1, 6-1; Ts. 52-1, 67-1. (70).

905 T. 67, x13. M 2729. Med hard; out. mottled med gray and buff ins. and core med gray; occ. very fine and fine white grits; wet-smoothed; very badly weathered. H. 75 mm. II-2. Rim and handle: I-1; T. 67-1. Pl. 25: 28. (70).

906 T. 67, x12. M 2728. Med hard; lt brown orange and lt brown drab, core med gray; many very fine and fine white grits; wet-smoothed. H. 60 mm. I-1; misc. 1; T. 67-2. Rim and handle: X-1. Pl. 25: 29. (70).

907 Ca 193, AG28, x39. M 936. Soft; lt orange brown; fine white and brown grits. H. to rim 62 mm. T. 12-1. Rim and handle: T. 63-1. Pl. 27: 17. (70).

908 Ca 193B, AG28, x2. M 942. Fairly hard; orange red; sides and top of handle down as far as drawn decorated with round impressions made by a hollow object, probably straw. H. to rim 87 mm. Rim and handle: II-1. Pl. 27: 24. (70).

909 T. 32, E. Strip, x556. M 2184. Fairly hard; lt orange brown; small white grits; wet-smoothed. H. 75 mm. Misc. 2. (70).

910 T. 69, x7. Med hard; mottled lt orange brown and brown gray; many fine white grits; wet-smoothed; smoke blackened. H. 54 mm. T. 52-1. Rim and handle: misc. 1. (70).

911 Q14X, II, x27. M 1196. Ear handle not quite

pierced through; hard, coarse; mottled lt orange brown and gray; small and med white and gray grits. H. to rim. 49 mm. (70).

912 CT 5, AK26, x20. M 94. Reddish brown; originally covered with cream slip; obscure painted design in longitudinal stripes. H. 125 mm. (70).

913 CT 5, AK26, x44. M 0159. Soft; lt orange brown; some small white grits; red painted decoration over greenish cream slip; weathered. H. 130 mm.+ (70).

914 CT 5, AK26, x19. M 93. Soft; mottled lt brown and lt orange brown; many small and med white, brown, and gray grits; wet-smoothed. H. 147 mm. CT. 6-1. (70).

915 CT 6, AK26, x36. M 39. Fairly hard, coarse; lt orange brown to lt brown gray; some small to med white and gray grits. H. 114 mm. Pl. 24: 47. (70).

916 T. 69, x6. M 2775. Med hard; lt orange, buff core; occ. very fine white grits; wet-smoothed; badly weathered. H. 90 mm. T. 52-1. Rim and handle: T. 67-1. Pl. 28: 5. (70).

917 T. 66, x7. M 2689. Med hard; lt red orange and buff; occ. fine white grits of various sizes; wet-smoothed; badly weathered. H. 105 mm. CT 6-1. Rim and handle: misc. 1. Pl. 25: 11. (70).

918 T. 32, S. end, x557. M 2185. Soft; lt brown surfaces, med brown gray beneath; small white and dk gray grits; wet-smoothed; weathered. H. 80 mm. Misc. 1. Pl. 27: 8. (70).

919 T. 52, x18. M 2388. Fairly hard; lt orange brown; small white and gray grits; faint evidence of burnishing; weathered. H. 115 mm. Rim and handle: CT 6-1. Pl. 28: 14. (70).

920 T. 52, x21. M 2391. Fairly soft; orange red; some med and fine white grits; closely burnished; weathered. H. 78 mm. T. 12-1. Rim and handle: misc. 1. Pl. 28: 15. (71).

921 Ca 193, AG28, Hole E (?), x1. M 955. Three irregularly placed small knobs; fairly hard, coarse; lt brown; small and med white, gray and brown grits. H. to highest side of rim 82 mm. Pl. 27: 18. (71).

922 T. 65, x2. M 2677. Med soft; lt brown drab; many small and large white grits; wet-smoothed; raised, scalloped band; out. smoke blackened. H. of frag. 82 mm. Pl. 26: 14. (71).

923 T. 66, x6. M 2688. Soft; lt orange brown; occ. very fine white grits; wet-smoothed; badly weathered; applied bands, one with vertical impressions. H. 122 mm. Pl. 25: 12. (71).

924 T. 54, x239. M 2634. Lug suspension handles; med hard; lt brown drab; some very fine and small white grits; wet-smoothed; weathered. H. 63 mm. (71).

#### 7. CUPS—SERIAL NUMBERS 925-953

925 T. 54, x226. M 2629. Med hard; heavy; med red orange; many very fine white grits; wet-smoothed. H. 91 mm. Major range apparently ca. 1000-586 B.C. Pl. 35: 25. (76).

926 Ca 193, AG28, x43. M 939. Hard, sandy; mottled lt red and buff; very many very fine white grits; irregularly burnished—neck vertically, body horizontally. H. 85 mm. Rim and handle: X-1. See S 925. (76).

927 T. 32, E. Strip, x277. M 1979. Fairly soft; lt brown; many very fine and few small white grits; wet-smoothed. H. 100 mm. T. 32-1. See S 925. Pl. 32: 24. (76).

928 T. 29, x36. M 1769. Fairly soft; lt brown; fine

white grits; wet-smoothed. H. 98 mm. Rim and handle: T. 54-1. See S 925. Pl. 38: 10. (76).

929 T. 29, x34. Fairly hard; red brown; fine white and lt brown grits; wet-smoothed. H. 93 mm. Rim and handle: T. 32-1. See S 925. Pl. 38: 11. (76).

930 T. 29, x35. M 1768. Fairly hard; dull red brown; some med and very many very fine white grits; wet-smoothed. H. 103 mm. Misc. 1; T. 32-1. Rim: X-1. See S 925. Pl. 38: 12. (76).

931 T. 29, x38. Fairly hard; orange brown; small gray and white grits; wet-smoothed; remains of hematite slip. H. 88 mm. Base: T. 54-1. See S 925. (76).

932 T. 29, x37. M 1770. Fairly hard; lt orange brown; fine lt brown grits; wet-smoothed; evidence of red slip; weathered. H. 92 mm. Rim: Sub I-1. See S 925. Pl. 38: 13. (76).

933 T. 32, E. Strip, x283. M 1981. Fairly soft; lt orange brown; small and fine white grits; wet-smoothed. H. 79 mm. Rim and handle: misc. 1; T. 32-1. See S 925. Pl. 32: 25. (76).

934 T. 5, x243. M 1404. Sandy; red brown; slight spiral ribbing ins.; slightly weathered. H. 93 mm. Rims: X-1; Sub I-1. See S 925. Pl. 36: 21. (76).

935 Ci 320, N. Hole, AB15, II, x59. Hard; lt orange brown; very many very fine white grits; irregularly vertically burnished; orange red slip. H. 75 mm. + Base: X-1. Possibly EI and MI. (77).

936 Ci 166, AG20, x9. M 532. Fairly hard; lt brown; red slip; impressed decoration. H. 62 mm. Locus dated ca. 625-550 B. C.

937 T. 54, x157. Med hard; lt brown drab; very many very fine white grits; wet-smoothed; surfaces badly weathered. D. ca. 145 mm. (77).

938 R. 313, AC24, I, x6. Hard; lt brown surface, dk gray core; large and fine white grits; wet-smoothed. D. ca. 180 mm.

939 T. 29, x7. M 1752. Fairly hard; lt orange brown; small and fine white grits; wet-smoothed; hematite slip over outer surface. H. 71 mm. Rims: I-1; T. 54-1. Major phase ca. 1000-586 B. C. Pl. 38: 14. (77).

940 R. 345, W13, I, x6. Fairly hard; red brown; small white grits; wet-smoothed. D. ca. 60 mm. See S 939. (77).

941 Dump, AA24X, x1. Hard; brown; fine gray grits; white slip (?). H. 52 mm. + Rim: X-1. (77).

#### PLATE 45

942 Dump AE18, Sub floor of I, x1. Med hard; lt orange brown; very many very fine white grits; wet-smoothed; out. and ins. to depth of 25 mm. red (hematite) slip-smoothed; weathered; out. shows effect of abrasion. H. 50 mm. + Rim: X-1. (77).

943 AA25X, under floating walls, x43. Fairly hard; red brown, lt brown core; med and fine white grits; red slip out. and neck ins. D. ca. 50 mm. (77).

944 R. 294, V12, 13, I, x3. Brown red, brown core; fine texture; wet-smoothed. D. ca. 50 mm. (77).

945 R. 519, AE19, I, x14. Med hard; lt orange brown, core lt brown; occ. very fine, fine, and large white grits; orange red slip out. and part way ins.; out. bears incised lines as shown. H. 50 mm. + (77).

946 AG18, Sub floor Rs. 416, 423, 424, I, x3. Hard; med brown; some very fine and fine white grits; wet-smoothed. D. ca. 90 mm. (77).

947 AF19, x23. Med hard; lt orange brown, med brown core; very fine and fine white grits; wet-smoothed. D. ca. 90 mm. (77).

948 R. 265, P19, I, x2. M 1223. Wheelmade cup, or possibly spout for three-handled jar, bottom roughly formed; hard; lt orange brown, gray core; some med and large gray grits; wet-smoothed. D. 75 mm. (77).

949 Ci 370, AF19, I, baskets 21-32, x120. M 2551. Handmade cup; hard, rough; lt brown. D. 30 mm. Body frag: X-1. (77).

950 R. 665, Z16, I, x13. Med hard; surfaces red brown, core gray drab; occ. very fine white grits; wet-smoothed. H. 80 mm. + Rim: X-1. MI-LI (?). (77).

951 T. 10, x4. Fairly hard; lt orange, lt gray brown core; occ. very fine and fine white grits; very well levigated; wet-smoothed. H. 72 mm. LI-Hellen. (?). (77).

952 Ci 47, W. Cemetery, x7. Very hard; brown; small, fine lt and dk brown grits; wet-smoothed. D. ca. 150 mm.

953 Ci 78, AK23, x1. Lt red. H. 73 mm. +

#### 8. ONE-HANDLED POTS—SERIAL NUMBERS 954-978

954 Ci 119, AK22, x22. Lt red. H. 215 mm. + Base: X-1. Major range apparently ca. 1150-500 B. C. (80).

955 T. 32, N. Strip, x247. M 1971. Fairly hard; dull red brown, brown core; small and fine white grits; wet-smoothed; somewhat weathered and pitted. H. 238 mm. Rim and handle: T. 32-1. Possibly major range ca. 1050-550 B. C. Pl. 32: 26.

956 Ci 260, Q18, basket 22, x30. M 1065. Hard; brown red; many small white grits; bottom and portions of side walls much blackened by fire. H. 228 mm. Ci 285-1. Rim and handle: Ci 363-1. Rims: I-1; misc.-1; Bases: I-1; Cis 325-1, 363-1, 370-1. See S 955.

957 T. 32, N. Strip, x246. M 1970. Soft; dull red brown; small and fine white, silicate, and red brown grits; apparently closely burnished but weathered and pitted. H. 197 mm. Ci 285-1, T. 32-6. Rim and handle: Ts. 32-9, 54-1. Base: I-1. See S 955. Pl. 32: 27.

958 T. 32, Center, x263. Soft; red brown; med and fine white grits; wet-smoothed; some evidence of a brown slip; weathered and pitted. H. 150 mm. See S 955. Pl. 32: 28.

959 T. 32, E. Strip, x244. M 1968. Fairly soft; lt brown; few fine dk gray grits; wet-smoothed. H. 124 mm. Rims: I-1; Sub I-1; misc. II-1. See S 955. Pl. 32: 29.

960 T. 32, S. Strip, x255. Soft; dull red brown; med and fine white grits; wet-smoothed; weathered and pitted. H. 155 mm. Rim and handle: T. 32-1. See S 955.

961 Ci 119, AK22, x10. M 158. Lt red; red polished surface. H. 172 mm. Rim and handle: Ci 363-1. See S 955.

962 T. 32, Middle Strip, x273. M 1978. Fairly hard; red brown; med and fine white grits; wet-smoothed. H. 119 mm. See S 955.

963 T. 32, S. Strip, x289. Hard; red brown; small white grits; closely horizontally burnished. H. 125 mm. Rim and handle: T. 32-1. Rims: I-1; Ci 325-1. See S 955.

964 Ci 33, AK25, x8. M 123. Hard; lt orange red; fine to med white grits; wet-smoothed. H. 203 mm. Rim and handle: X-1. Base: Ci 285-1.

965 T. 5, x244. M 1405. Fairly soft, sandy; orange brown; slight spiral ribbing ins. and around neck out.; weathered. H. 151 mm. T. 32-1. Base: T. 32-2. See S 955. Pl. 36: 22.

966 Ci 176, N17, basket 126, x116. M 1054. Hard; mottled brown and brown red; many fine to med white

grits; portions of out. wet-smoothed; very shallow incised lines around neck and shoulder. H. to rim 168 mm. Rims: I-2; misc. II-1. Base: T. 15-1. Major range *ca.* 1000-586 B. C. and possibly later. (80).

**967** Ci 320, N. hole, AB15, II, x48. M 2358. Fairly hard; red brown; small and fine white grits; wet-smoothed. H. 187 mm. Possibly *ca.* 800-586 B. C.

**968** R. 313, AC24, I, x11. Fairly hard; orange red, brown gray core; med gray grits; wet-smoothed. H. 130 mm. + Rim and handle: misc. 1.

#### PLATE 46

**969** T. 32, E. Strip, x243. M 1967. Fairly soft; red brown; few large and many fine and small white grits; possibly remains of horizontal burnishing, but weathered and pitted. H. 137 mm. Misc. 1. Rim and handle: T. 32-1. Base: T. 54-1. See S 955. Pl. 32: 30.

**970** T. 5, x239. M 1401. Sandy; orange brown; many fine white and brown and occ. small and large white grits; slight spiral ribbing ins., weathered. H. 120 mm. T. 5-1. Rim and handle: Ts. 5-1, 32-2. Bases: X-1; T. 32-1. See S 955. Pl. 36: 23.

**971** T. 5, x242. M 1403. Sandy; orange red; wet-smoothed; slight spiral ribbing ins. H. 133 mm. T. 32-2. See S 955. Pl. 36: 24.

**972** T. 55, x1. M 2767. Fairly hard; med orange

brown, core lt brown drab; some fine and small white grits; wet-smoothed; weathered. H. 195 mm. Base: Ci 325-1. See S 955. Pl. 38: 21.

**973** T. 32, N. Strip, x245. M 1969. Soft; lt brown; fine and large white grits; wet-smoothed. H. 187 mm. See S 955. Pl. 32: 31.

**974** Ci 285, P22, baskets 75-87, x90. M 1719. Fairly soft; lt orange brown; small and fine white grits; wet-smoothed. H. 215 mm. Ci 285-1. Major range *ca.* 1000-586 B. C. and possibly later. (80).

**975** Ci 285, P22, baskets 60-74, x74. M 1713. Fairly soft; red brown; fine white grits and many fine brown grits; wet-smoothed. H. 218 mm. Ci 285-4. Rim and handle: Cis 320-1, 363-1, 370-1. Bases: Cis 176-1, 320-1, 325-1. Major range possibly *ca.* 800-400 B. C. (80).

**976** T. 5, x237. M 1399. Soft; orange brown; many fine brown and some small and med white grits; slight spiral ribbing ins.; weathered. H. 138 mm. T. 5-1. See S 955. Pl. 36: 26.

**977** Ci 320, AB15, II, x47. M 2357. Fairly hard; red brown; large and fine white grits; wet-smoothed. H. 183 mm. Rim and handle: Cis 176-1, 320-1, 363-1. Rims: I-1; T. 6-1. Possibly mainly late MI.

**978** T. 5, x227. M 1392. Sandy buff; slight spiral ribbing ins.; softened and faded from weathering. H. 140 mm. T. 5-7. Rim and handle: T. 5-2. Possibly mainly EI-MI.

## CHAPTER III

### 1. COOKING POTS—SERIAL NUMBERS 979-1077

(D. = diameter of rim.)

**979** AA12, II, Side of Tower, x5. Fairly soft, crumbly; fire-blackened surface with red brown core; med white grits; wet-smoothed. D. ca. 300 mm. Rims: X-3; I-1; T. 32-1. Major phase LB and EI. (4).

**980** Under floor R. 437, AF19, I, x6. Med hard; med red brown, core dk gray; occ. fine white grits and many fine scintillating particles; wet-smoothed; out. smoke blackened. D. ca. 250 mm. See S 979. (4).

**981** R. 485, Y17, I, x4. Hard; lt brown drab out., lt orange brown ins., core merging; very many very fine white grits; wet-smoothed. D. ca. 295 mm. (4).

**982** AG18, Sub floor R. 414, I, x6. Med hard; med red brown, core dk gray drab; many small white grits and occ. scintillating particles; wet-smoothed; out. smoke blackened. D. ca. 265 mm. Rims: X-1; I-3; misc. I-2. See S 979. (4, 5 note 8).

**983** S12X, x17. Mottled red gray and dk gray, dk gray core; many med and fine silicate grits; wet-smoothed; rim fire blackened. D. ca. 280 mm. Rims: X-12; I-16; misc. I-2, II-2. See S 979. (4).

**984** R. 313, AC24, I, x9. Fairly soft; brown core; med gray grits; wet-smoothed; fire blackened. D. ca. 310 mm. Rim and handle: misc. II-3. Rims: I-5; Sub I-2. Major phase apparently EI. (4).

**985** Y12X, x60. Red brown and fire black mottled surface; brown black core; fine silicate grits. D. ca. 120 mm. Rims and handle: II-1. Rims: X-4; I-14; Sub I-4; misc. I-1; T. 32-1. Major range ca. 1000-586 B. C. (5, 6).

**986** R. 514, AE18, I, x10. Med hard; med brown out., ins. and core dk brown; few very fine and occ. small white grits; wet-smoothed. D. ca. 85 mm. Rim and handle: X-1; I-1; misc. II-1. Rim: I-1. Apparently EI and MI. (6).

#### PLATE 47

**987** AE20X, x17. Red brown, core black; small white grits and scintillating particles and med gray grits; wet-smoothed. D. ca. 225 mm. Rim and handle: X-1; I-2; Sub I-1; misc. I-1. Rims: I-1; Sub I-1. See S 986. (6).

**988** T. 32, S. Strip, x96. Fairly hard; dk brown, dk gray core; med fine white and silicate grits; wet-smoothed; fire-blackened. See 986. (6).

**989** Si 353, AE17, I, x2. Hard; med brown surfaces, core black; many white grits of various sizes and some very fine and fine scintillating particles; wet-smoothed; out. smoke blackened. D. ca. 175 mm. Rim and handle: X-1; I-1; misc. 1; Ci 369-1. Rims: X-4; I-7; Sub I-2; misc. 1. See S 986. (5, 6).

**990** Ci 176, N17, baskets 11-14, x11. M 1013. Hard; red brown; small white grits; out. blackened in places. D. at rim ca. 160 mm. Note: At two different places on the outer surface below rim there remain portions of an incised character *Kaph*. Close to one of these characters is a part of an incised *Beth*. Rim and handle: X-4; I-5; Ci 370-2. Rims: I-1; Sub I-1; misc. 1; Ci 370-2. Major range apparently ca. 1000-586 B. C. (5, 6).

**991** Under floor R. 439, AF19, I, x14. Hard; surfaces

med red brown, core med gray; med brown and gray grits; wet-smoothed; surfaces smoke blackened. D. ca. 140 mm. Rim and handle: I-5. Rims: I-2. See S 990. (6).

**992** Si 348, W13, II, x46. Red brown out. and drab ins., small gray and white grits; wet-smoothed; partly fire-blackened. D. ca. 120 mm. Rims: X-2; I-4. See S 990. (6).

**993** Under floor Rs. 401-402, AG17, I, x12. Hard; med red brown, core lt gray drab; many white grits of various sizes and occ. fine scintillating particles; wet-smoothed; out. smoke blackened. D. ca. 135 mm. Rim and handle: I-1. Rims: X-1; I-2; misc. I-1; T. 12-1. See S 990. (6).

**994** Si 300, T14, II, x5. Fairly hard; dk red brown, dk gray core; med fine white, brown, and silicate grits; wet-smoothed; fire blackened. D. ca. 180 mm. Rim and handle: Sub I-1. Rims: X-1; I-3. See S 990. (6).

**995** Ci 317, AB14, II, x5. Fairly hard; red brown with brown core; small and fine white and silicate grits; wet-smoothed. D. ca. 100 mm. Rim and handle: I-2. Rims: I-2; Sub I-1. See S 990. (6).

**996** T. 54, x48. Hard; med brown; very fine white grits; wet-smoothed; out. smoke blackened. D. ca. 55 mm. See S 990. (6).

**997** Si 299, T14, II, x9. Hard; brown with gray core; large and small gray, fine white grits; wet-smoothed; fire blackened. D. ca. 255 mm. Rim and handle: I-3. Rims: X-1; I-2; Sub I-2; misc. II-1. Major phase apparently EI. (6).

**998** Si 348, W13, II, x44. Fairly hard; red brown; small white and silicate grits; wet-smoothed. D. ca. 270 mm. Rim and handle: I-1. Major range apparently ca. 1000-500 B. C. (6).

**999** R. 381, AB19, I, x7. Hard; red brown with brown core; few med fine white grits; wet-smoothed. D. ca. 100 mm. See S 998. (6).

**1000** R. 530, AC14, I, x9. Hard; med orange; core with many small and fine white grits and some very fine scintillating particles; wet-smoothed; finger impression on handle near rim; out. somewhat smoke blackened. D. ca. 300 mm. Rim and handle: I-1. Rim: misc. 1. See S 998. (6).

**1001** R. 553, AF18, II, x13. Hard; med red brown, core dk brown; many very fine scintillating particles and white grits of various sizes; wet-smoothed; both surfaces smoke blackened. D. ca. 230 mm. Rim and handle: I-3. Rim I-1. See S 998. (6).

**1002** R. 418, AG18, x18. Med hard; dk red brown out., lt red brown ins., brown core; fine white grits and scintillating particles; wet-smoothed; out. and rim smoke blackened. D. ca. 135 mm. Rim and handle: I-2. Rims: X-2; I-1. See S 998. (6).

**1003** T. 107, x4. M 131. Brown; smoked surface. D. 160 mm. Rim and handle: X-2; I-7; Sub I-3; misc. 2. Rims: X-1; I-7; misc. I-2, II-1. Ci 325-1. Base: Si 348-1. See S 998. (5, 6).

**1004** R. 575, AD18, I, x13. Med hard; red brown, core lt gray brown; very fine scintillating grits; wet-smoothed; out. smoke blackened. D. ca. 160 mm. Rim and handle: I-5; Sub I-4. Rims: I-6. See S 998. (6).

**1005** Ci 231, AF21, x25. Brown red; many med white grits; most of outer surface blackened. D. between rims *ca.* 130 mm. Rim and handle: X-1; I-3; misc. 3. Rim: I-1. See S 998. (6).

**1006** R. 538, AC15, I, x8. Hard; red brown with brown core; many very fine and small and large white grits; wet-smoothed. D. *ca.* 235 mm. Rim and handle: X-2; I-16; Sub I-3; Si 295B-1; misc. 1. Rims: X-1; I-11; Sub I-2. See S 998. (6).

**1007** AE17, I, Sub floor R. 508, x6. M 2785. Hard; red brown with brown gray core; many fine and small and occ. large white grits and fine scintillating particles; wet-smoothed; out. smoke blackened. D. 135 mm. Rim and handle: I-1; misc. 2. Rims: X-1; I-3; Sub I-1. See S 998. (6).

#### PLATE 48

**1008** AB25X, Sub R. 228, x31. Hard, crumbly; red brown with dk gray core; med white grits; wet-smoothed; incised lines. D. *ca.* 340 mm. Rims: Sub I-2. Major phase apparently EI. (6).

**1009** Bin 355, AD17, I, x7. Med hard; red brown; many white grits of various sizes and some very fine scintillating particles; wet-smoothed; slightly smoke blackened. D. *ca.* 190 mm. (6).

**1010** R. 543, AF18, II, x5. Hard; lt red orange, core med orange brown; only an occ. very fine white grit; wet-smoothed; out. slightly smoke blackened. D. *ca.* 70 mm. Rim and handle: I-1. Common phase apparently *ca.* 700-500 B.C. (6, 9).

**1011** Ci 370, AF20, I, baskets 40-53, x178. Med hard; med red brown; occ. ultra fine white grits; wet-smoothed; out. slightly smoke blackened. D. *ca.* 70 mm. Rim and handle: Ci 370-1. (6).

**1012** Si 92, AL23, x1. Drab with gray core; smoked surface. D. 235 mm. Major range apparently *ca.* 1000-500 B.C. (6).

**1013** R. 576, AD18, I, x20. M 2787. Med hard; red brown; very many fine and occ. small white grits; wet-smoothed; out. smoke blackened. D. *ca.* 155 mm. Rim and handle: X-4; I-9; Sub I-1; Si 295C-1. Rims: X-7; I-22; Sub I-3; misc. 1; Ci 320-1. See S 1012. (3, 6).

**1014** R. 578, AD18, I, x12. Med hard; lt orange brown; some very fine white grits; wet-smoothed; out. and ins. of rim has red (hematite) slip. D. *ca.* 115 mm. Rim and handle: I-2. Rim: I-2. See S 1012. (6).

**1015** Ci 370, AF20, I, baskets 53-68, x241. Med hard; med red brown, core lt red brown; only an occ. very fine white grit and occ. small scintillating particle; wet-smoothed; smoke blackening on out. D. *ca.* 175 mm. Rim and handle: I-1; Cis 325-1, 370-1. See S 1012. (6).

**1016** Ci 156, AH20, x23. Red brown; smoked surface. D. 115 mm. See S 1012. (6).

**1017** AC15X, x17. Med hard; med orange, core med red brown; only an occ. very fine scintillating particle; wet-smoothed; incised cross on handle; out. slightly smoke blackened. D. *ca.* 195 mm. Rim and handle: X-1; I-6. Rim X-1. See S 1012. (6).

**1018** Ci 325, AA14, II, x7. Fairly hard; red brown; small silicate grits; wet-smoothed. D. *ca.* 120 mm. (6).

**1019** AF19, I, under floor R. 438, x3. Med hard; med red brown, core med brown drab; some small and large white grits and some fine scintillating particles; wet-smoothed; out. smoke blackened. D. *ca.* 140 mm. See S 1012. (6).

**1020** R. 476, Y18, I, x14. Med hard; red brown;

occ. fine scintillating particles; wet-smoothed; out. smoke blackened. D. *ca.* 160 mm. Rim and handle: X-3; I-9; Sub I-1. Rims: X-6; I-10; Ci 361-1. Major phase probably begins in late MI. (6).

**1021** Z13, S. E. Corner, 91-105 cm., x53. Hard; lt red brown; occ. very fine white grit; wet-smoothed; out. smoke blackened. D. *ca.* 115 mm. Rim and handle: X-12; I-10; misc. 1; Ci 368-1. Rims: X-8; I-10; misc. II-1. See S 1020. (6).

**1022** Ci 371, AG20, I, baskets 1-4, x3. Med hard; med red orange; an occ. very fine white grit; wet-smoothed; smoke blackened. D. *ca.* 230 mm. Rims: X-2. See S 1020. (6).

**1023** R. 432, AF18, I, x24. Med hard; dk reddish brown; many scintillating particles; wet-smoothed; handle smoke blackened. D. *ca.* 200 mm. Rims: X-2; I-5; Sub I-2; Ci 369-1. Major range apparently *ca.* 1000-500 B.C. (6).

**1024** R. 448, AG20, I, x5. Hard; dk brown, red brown core; many small white grits and scintillating particles; wet-smoothed. D. *ca.* 160 mm. Rim and handle: I-3. (6).

**1025** R. 417, AG18, I, x6. Med hard; med brown out., med gray brown ins., lt brown core; many scintillating particles (mica?); wet-smoothed; ins. fire blackened, handle partly smoked. D. *ca.* 175 mm. Rim and handle: X-1; I-2. Rims: X-1; I-2. (6).

**1026** R. 562, AD20, I, x15. Med hard; lt red orange, core med orange; some white grits of various sizes; wet-smoothed. D. *ca.* 170 mm. Rim and handle: I-2. (7).

**1027** R. 309, AD14, I, x5. Fine texture; mottled dk red brown and fire blackened; wet-smoothed. See S 1020. (6, 7).

**1028** R. 440, AF19, I, x18. Med hard; lt brown orange, core med brown; an occ. very fine white grit; wet-smoothed; smoke blackened; handle bears crudely incised cross. D. *ca.* 200 mm. Rim and handle: I-1. See S 1020. (6, 7).

#### PLATE 49

**1029** AG19, I, x25. Med hard; lt red brown, core dk red brown; occ. very fine white grits; wet-smoothed; smoke blackened. D. *ca.* 140 mm. Rim and handle: X-1; I-2. Rims: X-1; I-1; Sub I-1; T. 7-1. (7).

**1030** R. 134, Q16, I, x10. Brown red with gray core; small white grits. D. *ca.* 160 mm. Rim: misc. 1. (7).

**1031** R. 401, AG17, I, x4. Med hard; med brown; fine and large white grits and scintillating particles; wet-smoothed. D. *ca.* 133 mm. Rim and handle: X-3; I-8; Sub I-1; misc. 2; Si 348-1. Rims: X-1; I-2. (7).

**1032** W. Cemetery, above T. 18, x6. Fairly soft; red brown; large and small white, med gray grits; wet-smoothed. D. *ca.* 160 mm. Rim and handle: I-1; Sub I-1. Rims: I-1; misc. II-1. (7).

**1033** R. 415, AG18, I, x8. Med hard; dk gray, blackish gray core; very fine white grits and an occ. large white grit; wet-smoothed; evidence of smoke blackening. D. *ca.* 90 mm. (7, 8).

**1034** V12X, I, x27. Red brown, dk gray brown core; small white grits; wet-smoothed; fire blackened in spots. D. *ca.* 120 mm. Rim and handle: I-3; Sub I-1. (7).

**1035** Ci 183, P18, baskets 31-35 inc., x45. M 838. Brown red to brown; med white grits; wet-smoothed; outer portions smoke blackened. H. 143 mm. Note: impression on top of right handle near rim attachment. Rim and handle: X-1. Possibly II and Hellen. (Chap. II 64 note 78; III 7, 12).



**1036** Si 348, W13, II, x49. Fairly hard; brown with black core; med and fine silicate grits. D. ca. 80 mm. (7).

**1037** R. 581, AD18, I, x10. Med hard; med brown out., lt red brown ins., core med gray; very many very fine white grits; wet-smoothed; smoke blackened. D. ca. 75 mm. Rim and handle: X-1. (7).

**1038** Si 307, X13, II, x7. Fairly hard; fire blackened; med fine white and silicate grits. D. ca. 230 mm. Rim and handle: II-1. (7).

**1039** AE18, I, under floor R. 517, x3. Med hard; med red brown, core lt brown orange; some small white grits and occ. large white grits; wet-smoothed; out. smoke blackened. D. ca. 100 mm. Rim and handle: I-1. MI-LI. (7, 8).

**1040** Ci 370, AF20, I, baskets 53-68, x242. Med hard; med red out., med brown ins., core merging; some very fine and small white grits and scintillating particles; wet-smoothed; smoke blackened. D. ca. 160 mm. (7).

**1041** Q17, in masonry of first level walls, x8. Brown with red core; numerous small white grits. D. ca. 150 mm. Rim and handle: I-3. (7).

**1042** R. 509, AE17, I, x4. Med hard; lt red brown out., lt brown orange ins., core merging; many small white grits and occ. scintillating particles; wet-smoothed; out. smoke blackened. D. ca. 200 mm. Rim and handle: I-5; misc. 1. (7).

**1043** AE19, I, under floor R. 521, x9. Med hard; red brown, core med brown; white grits of various sizes and occ. very fine scintillating particles; wet-smoothed; weathered. (7).

**1044** AL22, Small Si in S.E. Area, x2. Dk red. (7, 8).

**1045** R. 395, AA14, I, x12. Fairly soft; red brown with dk gray core; small, fine, white and silicate grits; wet-smoothed. D. ca. 90 mm. Rim and handle: Ci 320-1. Rim: I-1. MI-LI mainly. (7, 8).

**1046** Dump from AF17, I, Rs. 403, 404, 405, 406, x1. Med soft; lt brownish orange, grayish brown core; an occ. small white grit, an occ. scintillating body, and an occ. large white grit; wet-smoothed; some smoke blackening. D. ca. 100 mm. Rim and handle: I-1; Ci 285-1. Rim: I-1. Mainly late MI and LI. (7, 8).

**1047** R. 478, X18, I, x13. Med hard; dk red brown; occ. very fine and large white grits and fine scintillating particles; wet-smoothed; weathered. (7).

**1048** X25, x35. Fairly hard, crumbly; brown; fine white and silicate grits; wet-smoothed; fire-blackened. D. ca. 250 mm. Rim and handle: Ci 370-2. Rims: I-1; Sub I-1; misc. 1. (7).

**1049** R. 502, AE16, I, x14. Med hard; most of handle med brown, remainder smoke blackened; occ. very fine white grits and scintillating particles; wet-smoothed; surfaces and core smoke blackened by fire. D. ca. 150 mm. Rim and handle: I-2. Rim: misc. 1. (7).

**1050** Ci 231, AF27, baskets 11-28, x10. M 959. Hard; red brown; small to med white and gray grits; wet-smoothed; much blackened out. H. 113 mm. Base: Sub I-1. (7).

#### PLATE 50

**1051** Ci 51, AF24, x2. M 281. Hard; red brown, gray core; some small white grits; wet-smoothed; surface smoked. H. 190 mm. Rim and handle: X-1; misc. 1; Ci 176-1. Rims: I-1; Ci 361-1. Bases: Misc. 3. Major phase apparently late MI and LI. (8, 9).

**1052** R24, x26. Fairly hard; mottled red brown and

drab; fine gray, fine to med white grits; wet-smoothed; fire blackened. H. 234 mm. Rim: I-1. Possibly LI and Hellen. (8, 9).

**1053** Dump from AF18X, x2. Med hard; med orange brown, med brown core; occ. scintillating particle and fine white grits; wet-smoothed; no evidence of smoke blackening. D. ca. 155 mm. Rim and handle: X-5; I-5; Sub I-1. Rims: X-4; I-6; Ci 304-1. Apparently late MI, LI, and Hellen. (8, 9).

**1054** R. 535, AC15, I, x8. Hard; med red brown, core med brown; an occ. very fine and fine white grit; wet-smoothed; out. smoke blackened. D. ca. 87.5 mm. Rims: I-3. (8, 9).

**1055** AF18X, x21. Hard; dk gray black; very fine white grits; wet-smoothed; possibly some smoke blackening. D. ca. 85 mm. Rim and handle: X-1; I-3; Ci 361-2; Ts. 54-1, 57-1. Mainly ca. 700-400 B. C. (8, 9).

**1056** R. 490, X17, I, x9. Med hard; med red orange, core lt red orange and drab; many very fine white grits; wet-smoothed; badly weathered. D. ca. 85 mm. Rim and handle: X-1; I-1. Apparently late MI, LI, and Hellen. (8, 9).

**1057** R. 489, X17, I, x2. Med hard; med red orange, core lt brown; some very fine white grits and scintillating particles; wet-smoothed. D. ca. 120 mm. Rim and handle: I-1. Rim: I-1. (Chap. II 64 note 78; III 8, 9, 12).

**1058** R. 318, AA25, I, x7. Fairly soft; brown red with brown core; some small white grits; wet-smoothed; finger prints ins. D. ca. 120 mm. Rim and handle: X-1. Rim: X-1. (8, 9).

**1059** Ci 285, P22, x6. Fairly hard; dk red brown; med and fine white grits; wet-smoothed; fire blackened. H. 185 mm.+ Rim and handle: I-2; misc. 1. See S 1056. (8, 9).

**1060** Dump from AD20X, x1. Med hard; med brown drab out., ins. and core med brown; occ. very fine white grits and scintillating particles; wet-smoothed; out. somewhat smoke blackened. D. ca. 125 mm. Rim and handle: I-1; misc. 1; Ci 361-2. See S 1056. (8, 9).

**1061** R. 563, AD20, I, x9. Med hard; med brown; white grits of various sizes and many very fine scintillating particles; wet-smoothed. D. ca. 130 mm. Rim and handle: X-2; I-2. Rim: I-1. See S 1056. (8, 9).

**1062** R. 390, AB14, I, x27. Fairly hard; red brown with dk gray core; few large, small, white grits; wet-smoothed; weathered and pitted. D. ca. 220 mm. Rim and handle: I-1. (8, 9).

**1063** R. 446, AF20, I, x13. Hard; lt yellow orange out., lt red orange ins., core mottled red brown and lt orange; some very fine white grits; wet-smoothed; smoke blackened. D. ca. 90 mm. Rim and handle: X-1; I-1. Rim: I-1. Common phase apparently ca. 700-500 B. C. (6, 8, 9).

**1064** Ci 363, AB16, I, x21. Med hard; med orange, core lt brown; some white grits; wet-smoothed. D. ca. 90 mm. Rim and handle: X-1; I-2; Ci 363-1. Rim: X-2; I-2; misc. 1; Ci 320-1. See S 1063. (8, 9).

**1065** AB15X, x10. Med hard; lt red brown, core lt brown; many very fine and fine white grits; wet-smoothed. D. ca. 100 mm. Rim and handle: X-2; I-2. Rims: I-1; Ci 363-1. See S 1063. (8, 9).

**1066** Dump Z26, AB26, Revetment below base, x1. Hard; lt red brown with dk brown core; fine white grits; wet-smoothed; incised. D. ca. 100 mm. Rim: I-1. See S 1063. (8, 9).

**1067** Ci 368, AG19, I, baskets 8-14, x25. M 2469. Med hard; red brown; occ. fine white grits; wet-smoothed;

smoke blackened. H. 160 mm. Rim and handle: X-4; I-6; misc. 3; Cis 176-1, 370-5. Rims: X-3; I-7; misc. I-1, II-1; Cis 176-1, 368-1. Base: misc. 1. See S 1063. (3, 8, 9).

**1068** Ci 119, AK22, x20. M 160. Drab; smoked surface. H. 192 mm. Rim and handle: X-7; I-11; misc. 2; Cis 304-2, 368-1. Rims: X-3; I-5; misc. 3; Ci 363-1. Base I-1. See S 1063. (8, 9).

**1069** R. 378, T23, I, x39. Hard; red brown and brown; med and small white grits; wet-smoothed. H. 83 mm. See S 1063. (8, 9).

**1070** T. 71, x2. Major portion of ribbed wheelmade cooking pot. Med hard; red brown, core brown; only an occ. very fine white grit; wet-smoothed. H. 190 mm. Rim and handle: X-1. (Chap. II 64 note 78; III 8, 11, 12, 13).

**1071** T. 14, x3. Fairly hard; dk red brown with red brown core; few fine white grits. D. ca. 100 mm. Rim and handle: T. 8-1. (Chap. II 64 note 78; III 11, 12, 13).

**1072** T. 8, x6. Fairly hard; red brown; well levigated; wet-smoothed. D. ca. 100 mm. (See S 1071.)

**1073** AB22X, x1. Hard; red brown; very fine white grits; wet-smoothed. D. ca. 100 mm. (11, 13).

#### PLATE 51

**1074** T. 8, x5. Fairly hard; dk brown, brown surface; few fine white grits; wet-smoothed; partly fire blackened. D. ca. 270 mm. Rims: I-1; T. 8-1. (11, 13).

**1075** T. 32, E. Strip, x30. Soft; dull brown; few very fine white and occ. small silicate grits; wet-smoothed; handle fire blackened. (See S 1071.)

**1076** AA12X, x30. Lt brown; med gray grits. D. ca. 170 mm. (11, 13).

**1077** T. 8, x3. Fairly hard, paste-like; brown surface; few fine white grits. D. ca. 180 mm. (See S 1070.)

## 2. HANDMADE BOWLS—SERIAL NUMBERS

1078-1130

**1078** CT 6, AK26, x18. M 21. Fairly hard; lt orange brown; fine white grits; wet-smoothed. D. 82 mm. Misc. II-1; CTs 5-1, 6-2; Ts. 12-1, 66-2. Common phase apparently EB i. (14, Chap. IV 12).

**1079** CT 6, AK26, x67. M 70. Coarse, surface full of depressions and knots; buff; gray and white grits; impression of woven fabric ins. where some of folds resulted in grooves. D. 135 mm. See S 1078. (14 and note 27, Chap. IV 12).

**1080** CT 5, AK26, x27. M 101. Hard; coarse; mottled lt brown and lt gray, lt gray brown core; many small to large white, brown, and gray grits. D. 130 mm. CT 6-3. See S 1078. (14, Chap. IV 12).

**1081** CT 6, AK 26, x32. M 35. Lt buff. D. 110 mm. See S 1078. (14, Chap. IV 12).

**1082** CT 6, AK26, x100. M 0130. Hard; lt orange brown; fine to med white, gray, and brown grits; somewhat weathered and pitted. D. 78 mm. CT 6-4; misc. 1. Rim: Cave-R. 68-1. See S 1078. (14, Chap. IV 12).

**1083** CT 6, AK26, x38. M 41. Fairly soft; lt orange brown; some fine and small white, gray, and brown grits; well levigated. D. 93 mm. Sub I-2; misc. 1, II-2; CTs 5-1, 6-9; Ts. 66-1, 67-2. Rim: Sub I-1. See S 1078. (14, Chap. IV 12).

**1084** CT 6, AK26, x42. M 45. Lt buff; a few grits. D. 95 mm. Misc. II-2; CT 5-2; Ts. 66-1, 67-4, 69-1. Rims: Ts. 63-1, 67-1. See S 1078. (14, Chap. IV 12).

**1085** CT 5, AK26, x41. M 0156. Hard; lt orange brown; many very fine and some small white grits; well levigated; weathered ins. D. 123 mm. T. 67-1. See S 1078. (14, Chap. IV 12).

**1086** CT 6, AK26, x25. M 28. Rim vertical ins., rounded inwardly on out; hard out., soft ins.; lt brown and lt orange brown; many fine to med white and brown grits; weathered ins. D. 115 mm. CTs 5-3, 6-5. Ts. 32-1, 67-4. Rim: T. 63-1. See S 1078. (14, Chap. IV 12).

**1087** CT 5, AK26, x2. M 76. Buff. D. 115 mm. CT 6-1; T. 12-1. See S 1078. (14, Chap. IV 12).

**1088** CT 6, AK26, x52. M 55. Two holes just below rim; reddish-buff; well levigated, practically no grits; ins. surface much corroded. D. 125 mm. See S 1078. (14, 15).

**1089** CT 6, AK26, x61. M 64. Two holes just below rim; moderately fired; reddish buff; practically no grits; out. hand smoothed, ins. surface corroded, perhaps from use. D. 130 mm. CT 6-1. See S 1078. Pl. 24: 53. (14, 15).

**1090** CT 6, AK26, x101. M 0131. Two small holes near rim; hard; mottled lt brown and gray with gray core; some fine and small white and brown grits; well levigated; weathered ins. D. 134 mm. Pl. 24: 54. See S 1078. (14, 15).

**1091** CT 5, AK26, x36. M 0141. Two holes near rim; hard; mottled lt brown and lt orange brown; some small to med white and brown grits; weathered ins. D. 110 mm. See S 1078. Pl. 24: 11. (14, 15).

**1092** CT 5, AK26, x42. M 0157. Roughly elliptical, strand of clay on out. of rim; hard; lt brown; fine to med white, gray and brown grits. D. 107 x 95 mm. (15).

**1093** T. 32, under entrance, x562. M 2190. Fairly soft; lt red brown; small and fine white grits, occ. large white and brown grits; wet-smoothed. D. 120 mm. Pl. 27: 9. (15).

**1094** CT 5, AK26, x32. M 0135. Well made, symmetrical; single vertical ear handle; hard; lt brown; very many very fine white grits; orange red slip over both surfaces; weathered. D. 120 mm. Common phase at TN is EB i. Pl. 24: 12. (16).

**1095** CT 6, AK26, x50. M 53. Small horizontal knob handle; moderately fired; lt reddish buff; fine clay with small brown grits and occ. white grits of larger size; painted decoration ins. in red to black. D. 100 mm. See S 1094. Pl. 24: 55. (16).

**1096** CT 5, AK26, x40. M 0153. One knob handle with two holes punched through vessel wall at top of it; additional hole ins., but not punched through; hard, rather fine; mottled buff and lt orange brown; some fine and small white and brown grits. D. 118 mm. See S 1094. (16).

**1097** CT 5, AK26, x31. M 0134. Single horizontal ear handle; hard; mottled lt brown and lt orange brown; some fine and small white and brown grits; ins. weathered. D. 135 mm. See S 1094. (16).

**1098** T. 52, x23. M 2392. Apparently with pierced ear handle; hard; lt orange brown, steel gray core and part of surface; some fine white and brown grits; wet-smoothed. D. 137 mm. See S 1094. Pl. 28: 16. (16).

**1099** T. 67, x27. M 2740. Med hard; lt brown drab; some white grits of various sizes; both surfaces red (hematite) slip-smoothed and burnished; very badly weathered. D. ca. 125 mm. See S 1094. Pl. 25: 35. (16).

**1100** T. 52, x24. M 2393. Hard; lt orange brown; very fine white grits; wet-smoothed. D. 90 mm. See S 1094. Pl. 28: 17. (16).

1101 T. 12, x6. M 1558. Pierced handle; lt red brown, red brown core; med white grits; wet-smoothed; hematite slip. D. 138 mm. Pl. 26: 5. (16, 22).

1102 Ca 193D, AG28, Burial D, basket 2, x4. M 952. Med hard; lt brown; fine and small white and brown grits; thin red slip on both surfaces. D. from rim to rim 120 mm. Pl. 27: 23. (16, 22).

1103 Ca 193D, AG28, Burial D, basket 3, x1. M 950. Hard; mottled lt brown and lt orange brown with gray core; some fine to large white grits; red slip, closely burnished over both surfaces. D. 140 mm. Rim: misc. 1. Pl. 27: 22. (16, 22).

1104 Ca 193, AG28, x40. M 937. Fairly soft; lt brown to lt orange brown, portion of core black; many fine to med brown grits; wet-smoothed. D. from rim to rim 140 mm. Rims: misc. 1; Ca-R. 68-1. Pl. 27: 21. (16).

1105 CT 6, AK26, x56. M 59. Buff. D. 60 mm. T. 66-1. (16).

1106 T. 66, x20. M 2701. Med hard; buff and lt orange brown, core lt brown gray; some very fine and occ. small white grits; wet-smoothed; weathered. D. 105 mm. Pl. 25: 15. (16).

1107 T. 66, x23. M 2704. Med hard; mottled buff and med gray out., lt yellow brown and lt orange brown ins., core merging; few white grits of various sizes; wet-smoothed; inner surface red (hematite) slip-smoothed and burnished; weathered. D. 175 mm. T. 32-1. Pl. 25: 16. (16).

1108 T. 66, x24. M 2705. Med hard; mottled lt red orange and buff out., lt orange ins., core lt yellow brown; occ. fine and small white grits; wet-smoothed; inner surface hidden by deposit. D. 95 mm. Pl. 25: 17. (16).

1109 T. 66, x17. M 2698. Med soft; mottled lt orange and buff out., lt gray brown and lt orange brown ins., core merging; occ. very fine white grits; wet-smoothed; weathered. D. 125 mm. Pl. 25: 18. (16).

1110 T. 67, x41. M 2754. Med hard; lt yellow brown; occ. fine white grits; out. red (hematite) slip-smoothed; badly weathered; lower surface of base shows fan-shaped impressions. D. 65 mm. Pl. 25: 36. (16).

1111 T. 66, x25. M 2706. Med hard; out. buff and lt orange brown, ins. covered with deposit; core contains occ. very fine and fine white grits; wet-smoothed; rim smoke blackened at two places; *possibly used as lamp*. D. 97.5 mm. Pl. 25: 19. (16).

1112 T. 32, Middle Strip, x561. Soft; lt red brown with lt gray core; med fine white grits; wet-smoothed. D. 110 mm. (16).

1113 CT 5, AK26, x14. M 88. Fairly hard; fine to med white, brown and gray grits; wet-smoothed. D. 235 mm. Pl. 24: 15. (17).

1114 CT 6, AK26, x103. M 0139. Hard; mottled lt brown and lt gray brown; fine to med white, brown, and gray grits; wet-smoothed. D. 197 mm. CT 5-1. (17).

1115 T. 65, x3. M 2678. Med soft; lt orange brown; some white grits of various sizes; wet-smoothed; badly weathered, evidence of lt brown slip-smoothing on rim. D. 275 mm. Pl. 26: 15. (17).

1116 CT 6, AK26, x66. M 69. Coarse red; large white and gray grits; interior decorated with painted red lines. H. 90 mm. (17).

1117 CT 6, AK26, x40. M 43. Red with dk gray core; occ. gray grits. D. 100 mm. Pl. 24: 56. (17).

#### PLATE 52

1118 T. 65, x1. M 2676. Two ledge handles; med

soft; lt orange; occ. very fine and fine white grits; wet-smoothed; badly weathered. D. 165 mm. Pl. 26: 13. (17).

1119 T. 69, x11. M 2779. Med hard; lt yellow brown; very many very fine white grits; wet-smoothed; out. very badly weathered and covered with much sediment. D. 125 mm. Rim: T. 63-1. Pl. 28: 6. (17).

1120 T. 69, x10. M 2778. Wheel-made; med hard; out. mottled lt yellow brown and lt red orange, ins. lt orange brown; very many very fine white grits; wet-smoothed; badly weathered. D. 85 mm. Pl. 28: 7. (17, 19 note 39).

1121 Dump S12, 13, 14, T13, 14, V12, 13, I, x28. Brown gray with brown core; med and fine silicate grits; wet-smoothed; top of ridge has impressed decoration. (17).

1122 Si 315, X12, II, x5. M 1849. Fairly hard; lt orange brown; small gray grits; wet-smoothed; red brown painted design; lt brown slip (?). H. 120 mm. D. 140 mm. Pl. 26: 8. (17).

1123 CT 6, AK26, x45. M 48. Well modelled; red-dish; perhaps originally decorated with red stripes. D. 115 mm. Pl. 24: 57. (17).

1124 T. 67, x26. M 2739. Med hard; lt orange mottled with lt brown orange; very many very fine and occ. fine and small white grits; wet-smoothed; weathered. D. 150 mm. Pl. 25: 37. (17).

1125 T. 32, E. Strip, x559. M 2189. Series of knobs below rim. Soft; lt orange brown surface, lt gray core; small brown grits; wet-smoothed. D. 137 mm. Pl. 27: 10. (17).

1126 T. 32, below late entrance, S. end, x564. M 2194. Incense burner (?). Soft; lt brown; small white grits; wet-smoothed; ins. blackened from fire. H. 80 mm. Body: T. 69-1. Pl. 27: 13. (17).

1127 AD17X, x30. (Possibly fragment of larger pan). Coarse, med hard; lt brown orange; some very fine white, small brown, and gray grits; wet-smoothed; weathered; finger prints on inner surface near rim. D. ca. 165 mm. (probably much larger). (17).

1128 T. 67, x42. M 2755. Med hard; extra heavy; out. and core of med gray with ins. med brown; core contains many white grits of various sizes; wet-smoothed; surfaces covered with heavy deposit. D. ca. 125 mm. Pl. 25: 38. (17).

1129 T. 69, x14. Wheel-made. Med hard; lt orange brown out., lt brown drab ins., core lt gray brown; some white grits of various sizes; wet-smoothed; surfaces badly weathered. D. 330 mm. Common phase MB ii. Pl. 28: 8. (17, 19 note 39, 41).

1130 T. 69, x13. M 2781. Wheel-made. Med hard; surfaces lt brown orange, core lt brown yellow; some very fine white grits; wet-smoothed. D. 230 mm. See S 1129. Pl. 28: 9. (17, 19 note 39, 41).

#### 3. BOWLS—SERIAL NUMBERS 1131-1470

1131 Ca 193, AG28, x48. Probably handmade. Soft, flaky; lt brown, gray core; few small white grits; evidence of red slip ins. and to shoulder out., which was burnished but now mostly weathered off. D. ca. 350 mm. Most common phase possibly EB i and ii. Pl. 27: 26. (22, 45).

1132 Ca 193, AG28, x47. Tournette technique (?). Hard, flaky; pinkish buff with brown core; wet-smoothed. D. ca. 230 mm. See S 1131. Pl. 27: 27. (22, 45).

1133 Ca 193, AG28, x50. Handmade. Fairly hard; lt orange brown with gray brown core; small white grits; closely burnished ins. and over rim; weathered. D. ca. 125 mm. See S 1131. Pl. 27: 28. (22, 45).

**1134** Ca 193B, AG28, S. of burial B, x13. Rim fragment, handmade, with slight ledge handle at rim; hard, coarse; lt orange red with lt gray brown core; occ. med white grits; wet-smoothed, weathered. See S 1131. Pl. 27: 29. (22).

**1135** Ca 193, AG28, x53. Handmade; fairly hard; lt orange with lt gray brown core; med gray and white grits; weathered. D. ca. 250 mm. Rim: X-1. See S 1131. Pl. 27: 30. (22).

**1136** Ca 193, AG28, x51. Handmade; med hard and flaky; mottled buff and lt orange red with gray core; few med white and gray grits. D. ca. 115 mm. See S 1131. Pl. 27: 31. (22).

**1137** Ca 193, AG28, x52. Handmade; med hard; lt brown; few med and small white and red grits; wet-smoothed. D. ca. 270 mm. See S 1131. Pl. 27: 34. (22).

**1138** Ca 193D, AG28, x23. Handmade; fairly coarse, med well-fired; orange red with gray core; med white and gray grits; both surfaces closely burnished; weathered. D. ca. 210 mm. See S 1131. Pl. 27: 32. (22).

**1139** Ca 193D, AG28, x18. Technique uncertain but shape quite regular; fairly coarse and flaky; lt brown with gray core; med gray grits; both surfaces covered with lt red brown slip (probably originally red but now weathered); some evidence of burnishing. D. ca. 430 mm. See S 1131. Pl. 27: 33. (22).

**1140** Ca 193D, AG28, x22. Handmade; fairly coarse, flaky; lt brown; not well fired; out. wet-smoothed, ins. and top of rim covered with red slip and horizontally burnished. D. ca. 340 mm. See S 1131. Pl. 27: 35. (22).

**1141** Ca 193D, AG28, x24. Handmade; fairly well baked; lt orange brown with gray core; med gray grits; evidence of red slip on ins. and rim; weathered. D. ca. 390 mm. See S 1131. Pl. 27: 36. (22).

**1142** Ca 193D, AG28, x17. Handmade bowl; hard; mottled gray and red brown with gray core; med white grits; ins. and top of rim closely burnished, out. has an irregular effect of combing probably made with a brush implement of unevenly spaced fibers. D. ca. 140 mm. See S 1131. Pl. 27: 37. (22).

**1143** R. 426, AF18, I, x22. Med hard; lt yellow brown out., med brown ins., lt red orange core; many very fine white grits; wet-smoothed; some evidence of burnishing but badly weathered. D. ca. 240 mm. Rims: X-2; I-9; Ci 361-1. (22).

**1144** R. 289, AB19, I, x3. Hard; red brown; fine white grits; wet-smoothed. D. ca. 200 mm. Rims: Sub I-1; misc. I-1. Apparently LI and Hellen. (22).

**1145** R. 610, AC17, I, x8. Med hard; lt orange, core lt brown gray; very many very fine and occ. small white grits; wet-smoothed; rim horizontally burnished and ins. horizontally ring (?) burnished. Rim: X-1. (22).

**1146** R. 364, R22, I, x2. Fairly hard; gray core, orange brown ins., lt orange brown out.; small and med white grits; wet-smoothed. D. ca. 380 mm. (22).

**1147** T. 32, S. Strip, x90. Handmade; rim fragment with ridge plastically applied, then pressed by round object; fairly soft; lt orange brown; many large and fine, white and silicate grits; wet-smoothed. (23).

**1148** Dump AA25, II, x5. Handmade (?); fairly soft; lt brown; med white grits; wet-smoothed. (23).

**1149** AC24X, x3. Handmade; fairly hard; lt brown, gray brown core; med white and gray grits; wet-smoothed; design on ridge made with round object pushed down into soft clay. (23).

**1150** Dump S23X, I, x1. Handmade (?); fairly hard;

brown; fine white grits; wet-smoothed; impressed edge. (23).

**1151** Dump Z23, x7. Handmade (?); very hard; almost paste; orange brown; drab core, very fine white grits; wet-smoothed; scalloped edge. (23).

#### PLATE 53

**1152** T. 32, E. Strip, x2. Fairly hard; lt brown; few very fine white grits; wet-smoothed. D. ca. 150 mm. (23).

**1153** T. 54, X13. Hard; lt orange brown with dk gray core; med and very fine white grits; wet-smoothed. H. 100 mm. (24).

**1154** Si 52, AH25, x2. Drab, baking red. D. 188 mm. Si 52-1. Rims: X-3; I-4; Sub I-2; misc. 1. Bases: X-2; I-1; Si 348-1. (24).

**1155** R. 279, AC25, I, x2. Fairly hard, sandy; lt brown; few fine and very many very fine brown grits; wet-smoothed; top of rim painted red. D. ca. 300 mm. Rims: X-3; Sub I-2. Mainly LB and EI. (24).

**1156** Ci 369, AF20, I, baskets 10-16, x87. Med hard; out. lt yellow orange, ins. and core lt brown; many very fine white grits; wet-smoothed; ins. horizontally burnished and out. irregularly burnished. D. ca. 225 mm. Rims: X-1; I-1. (24).

**1157** T. 3, x76. M 1163. Fairly hard; thin; lt brown; few small white and many very fine brown grits; wet-smoothed; slightly weathered. D. 185 mm. T. 5-1. Rims: I-1; II-1. Bases: X-1; I-3; Ci 361-1; T. 6-1. (24).

**1158** V24X, x31. Fairly hard; dk brown; few small brown and white grits; wet-smoothed; ins. and rim burnished horizontally; incised decoration. D. ca. 190 mm. (24).

**1159** AB16, Sub floor R. 616, I, x9. Hard; lt orange brown, core med brown drab; occ. very fine white grits; out. lt orange slip-smoothed and ins. red (hematite) slip-smoothed and out. irregularly ring burnished and rim painted with 12 mm. brown band. D. ca. 160 mm. (24).

**1160** AA12X, x20. Orange brown; very fine white grits; wet-smoothed. D. ca. 180 mm. (24).

**1161** R. 274, T23, I, x21. Very hard; lt brown; fine white grits; ring burnished. D. ca. 200 mm. (24).

**1162** AE17, Sub fl. R. 557, I, x8. Hard; med brown drab, core med brown; very many very fine white grits; wet-smoothed. D. ca. 310 mm. Rims: X-1; I-2. (24).

**1163** R. 562, AD20, I, x25. Med hard; lt orange, core lt brown drab; very many very fine white grits; wet-smoothed. D. ca. 300 mm. (24).

**1164** Ci 304, AB19, I, x11. Fairly hard; brown; many very fine white grits; ring burnished. D. ca. 200 mm. (24).

**1165** R. 414, AG18, I, x2. Med hard; lt brown, core med brown; many very fine and fine grits; wet-smoothed. D. ca. 180 mm. (24).

**1166** R. 452, AF21, I, x6. Med hard; lt brown, core lt brown; very many very fine white grits; surfaces horizontally ring burnished; much weathered. D. ca. 160 mm. Rims: I-2. (24).

**1167** Ca 193D, AG28, x20. Hand or tournette made; med hard, flaky; mottled buff and lt orange brown with brown core; few small white grits. D. ca. 180 mm. (26).

**1168** Ca 193D, AG28, x25. Handmade, with pierced ear handle; fairly coarse, flaky; lt brown; med white grits; ins. covered with red slip and closely burnished, out. irregularly covered with slip and burnished. D. ca. 160 mm. Rim: T. 54-1. (26).

**1169** T. 32, S. Strip, x198. M 2119. Fairly soft; lt brown; very many very fine and some fine to med white

grits; wet-smoothed. D. *ca.* 200 mm. Rims: Sub I-1; Si 348-1. Mainly EI and MI. Pl. 33: 1. (27, 29).

**1170** T. 32, S. Strip, x201. Soft; brown; small dk brown and very fine white grits; horizontally burnished interior. D. 175 mm. Rims: X-1; I-1. EI indicated. (27, 29).

**1171** Ca 193, AG28, x41. Med hard; sandy; lt orange brown; very many very fine brown grits; ins. covered with red slip and horizontally burnished, out. has irregular patches of red slip just below the rim; out. wet-smoothed. D. *ca.* 143 mm. MI. (27, 29).

**1172** Ci 260, Q18, basket 26, x29. Hard; purplish; ring burnished ins. rim to shoulder, then burnished lines converging at center of base. D. *ca.* 190 mm. Rims: misc. 3. Mainly MI. (27, 29).

**1173** Ca 193, Si C, AG28, baskets 3-4, x9. M 920. Hard, sandy; greenish drab; very many very fine and occ. med white grits. D. 130 mm. Misc. 1. Rims: I-1; Ts. 29-1, 54-1. Common phase possibly *ca.* 1050-700 B.C. (27, 29, 31).

**1174** T. 29, x41. M 1771. Fairly soft; lt red brown; small gray, very fine white grits; wet-smoothed. D. 120 mm. Rim: I-1. Base: I-1. See S 1173. Pl. 38: 15. (27, 29, 31).

**1175** T. 5, x187. M 1369. Hard, sandy; drab, buff lt brown out.; few large and med white and red grits and very many very fine white grits; wet-smoothed; weathered. D. 140 mm. I-2; misc. 3; Ts. 29-2, 32-1. Rims: X-5; I-8; Sub I-3; misc. I-2, II-1; Cis 285-1, 320-1, 369-2; Ts. 7-1, 29-1. See S 1173. Pl. 37: 1. (27, 29, 31).

**1176** T. 29, x53. M 1776. Soft; lt brown; small gray grits; wet-smoothed; weathered. D. 137 mm. Rims: X-7; I-9; Sub I-2; misc. I-3; Ci 325-1; T. 5-2. See S 1173. Pl. 38: 16. (27, 29, 31).

**1177** T. 29, x52. Soft; red brown; small white and gray grits; wet-smoothed. D. 153 mm. Ts. 32-1, 54-1. Rims: I-2; Si 348-1. See S 1173. (27, 29, 31 and note 58).

**1178** T. 29, x51. Fairly soft; brown; small white and occ. med brown grits; wet-smoothed; ring burnished interior. D. 140 mm. T. 5-1. Rims: X-1; I-2; T. 54-1. See S 1173. (27, 29, 31).

**1179** R. 659, Z16, I, x2. Med hard; lt yellow brown core; an occ. fine white grit; wet-smoothed; ins. shows very badly weathered evidence of med brown slip-smoothing and horizontal burnishing. D. *ca.* 160 mm. Rims: X-1; I-3. (27, 29, 32).

**1180** AK22X, x4. Brown. D. 195 mm. Rims: X-2; I-1. (27, 29, 32).

**1181** T. 54, x165. Med hard; lt orange brown, core lt brown; very many very fine white grits; wet-smoothed; surfaces weathered. D. *ca.* 130 mm. Rim: I-1. (27, 29).

**1182** AE18, Sub floor R. 517, I, x15. Med hard; lt brown; very many very fine white grits; wet-smoothed. D. *ca.* 110 mm. Rims: I-1. (27, 29, 32).

**1183** AE17, Sub floor R. 412, I, x7. Med hard; lt orange brown; very many very fine white grits; wet-smoothed; weathered. D. *ca.* 100 mm. Rim: Sub I-1. (27, 29).

**1184** T. 54, x168. Med hard; med orange brown; many very fine white grits; both surfaces red (hematite) slip-smoothed and horizontally burnished; weathered. D. *ca.* 75 mm. (27, 29).

**1185** T. 5, x166. M 1356. Sandy; orange red; few med white grits; weathered. D. 125 mm. X-1. Rims: X-2; I-2; II-1. Possibly EI-MI. Pl. 37: 2. (27, 29).

**1186** T24X, x8. Fairly hard; red brown with brown

core; small white grits; wet-smoothed. D. *ca.* 100 mm. Misc. 1. Rims: I-1; T. 7-1. (27, 29, 32).

**1187** Ci 119, AK22, x2. Brown; red polished ins. D. 120 mm. (27, 29, 32).

**1188** R. 471, Y19, I, x6. Hard; surfaces med brown drab, core med red orange; some very fine white grits; wet-smoothed. D. *ca.* 95 mm. Rims: X-3; I-2. (27, 29, 32).

**1189** Ci 127, AK21, x17. M 258. Hard; red brown; some fine to small white grits; wet-smoothed. D. 77 mm. (27, 29).

**1190** Si 295C, V13, II, x32. M 1809. Black; very many very fine white grits; some evidence of burnishing; weathered. D. 90 mm. (27, 29, 32).

**1191** R. 378, T23, I, x7. Fairly hard; brown, red brown surface; fine white grits; ring burnished. D. *ca.* 130 mm. (25, 27, 29, 32).

#### PLATE 54

**1192** R. 658, AB18, I, x12. Med hard; lt orange out., med brown drab ins., core med red orange; many very fine and occ. fine white grits; wet-smoothed; weathered. D. *ca.* 125 mm. Rims: X-4; I-2; Sub I-1. (25, 27, 29, 32).

**1193** T. 54, x166. Med hard; lt brown, core lt brown gray; very many very fine brown grits; wet-smoothed; decorated with red painted lines as indicated; surfaces weathered. D. *ca.* 135 mm. (25, 27, 29, 32).

**1194** T. 167, x33. M 578. Hard; lt brown and brown drab; very many very fine white grits; wet-smoothed. D. 115 mm. Rims: X-5; I-3; Sub I-1; misc. 2. Base: X-1. (25, 27, 29, 32).

**1195** R. 354, V13, I, x14. Very hard, paste; lt orange red; wet-smoothed; finger depressions on shoulder. D. *ca.* 70 mm. Rim: misc. II-1. Base: X-1. (25, 27, 29, 32).

**1196** Ci 220, Q17, x28. Red; ring burnished on both sides to shoulder. D. *ca.* 135 mm. Rims: X-1; I-3. (25, 27, 29, 32).

**1197** R. 366, R22, I, x20. Fairly hard; lt brown; fine white and gray grits; wet-smoothed. D. *ca.* 150 mm. Rims: X-2; I-1; Ci 320-1. (25, 27, 29, 32).

**1198** AF17, Sub floor R. 406, I, x9. Med hard; lt brown orange, core lt brown drab; some very fine and fine white grits; wet-smoothed. D. *ca.* 170 mm. Rims: X-1; Ci 361-1. (25, 27, 29, 32).

**1199** Ci 361, AC16, I, baskets 16-41, x71. Extra hard; lt brown with core of lt red orange; very many very fine white grits; wet-smoothed; burnished horizontally (?) and rather irregularly (probably turning marks). D. *ca.* 160 mm. Rim: I-1. Base: I-1. (25, 27, 29, 32).

**1200** Ci 176, N17, baskets 54-58, x55. M 1030. Hard, sandy; lt brown with reddish tinge; few med and very many very fine white grits; wet-smoothed; evidence of turning rather than burnishing out. from shoulder to base. D. 121 mm. (25, 27, 29, 32).

**1201** R. 377, T23, I, x7. Hard; brown, lt brown surface; small and fine white grits; wet-smoothed. D. *ca.* 140 mm. Rims: X-1; I-1; Si 348-1; Ci 304-1. (25, 27, 29, 32).

**1202** Si 62, AH23, x1. Brown. D. 120 mm. Rims: X-5; I-1. Bases: X-2; I-3. At TN common phase *ca.* 700-500 B.C. (27, 29, 31).

**1203** T. 54, x158. Med hard; out, buff, ins. and core lt brown drab; very many very fine white grits; wet-smoothed; badly weathered. D. *ca.* 147 mm. (27, 29, 32).

**1204** R. 438, AF19, I, x17. Med hard; lt red orange; very many very fine white grits; wet-smoothed, ribbed.



D. ca. 115 mm. I-1; misc. 1. Rims: X-3; I-3; Sub I-1; misc. 1; Ci 320-1. Range indicated by parallels ca. 1000-500 B.C. (27, 29, 32).

**1205** T. 32, E. strip, x515. Soft; lt brown core; lt orange brown surface; very fine white grits; wet-smoothed; horizontally burnished interior. D. 145 mm. Rims: X-1; I-2; misc. 1. (27, 29, 32).

**1206** T. 54, x156. M 2616. Med hard; lt orange brown; very many very fine white grits and med and large white and gray grits; wet-smoothed; possible evidence of burnishing ins.; weathered and pitted. D. ca. 150 mm. Rims: X-1; T. 54-1. Pl. 35: 27. (27, 29, 32).

**1207** R. 410, AE17, I, x25. Med hard; lt red orange; very many very fine white grits; wet-smoothed; out. smoke blackened. D. ca. 200 mm. Rims: I-2; II-1; misc. I-1. (27, 29, 32).

**1208** Extra Mural, E. side of Gate Tower, x11. Med hard; lt brown; very many very fine white grits; wet-smoothed. D. ca. 125 mm. Rims: X-1; I-2; Ci 176-1. (27, 29, 32).

**1209** Ci 183, P18, basket 25, x178. Very hard, sandy; buff with gray core. D. ca. 125 mm. Rims: X-1; I-2; misc. II-1. Bases: X-1; I-1. (27, 29, 32).

**1210** Ca 193, Si C, AG28, baskets 3 and 4, x20. Hard, sandy; red; incised groove just below rim on out. D. ca. 130 mm. Rims: I-2; misc. 1. Base: I-1. At TN common phase ca. 700-500 B.C. (27, 29, 31, 32).

**1211** AB25, Sub R. 228, I, x24. Fairly soft; orange brown and brown (uneven firing); very fine white grits; wet-smoothed. D. ca. 180 mm. Rims: X-1; I-7; misc. 1. Base: Si 348-1. (27, 29, 32).

**1212** Ci 220, Q17, baskets 9-13, x11. M 866. Hard, sandy; mottled lt brown and lt brown gray; very many very fine white grits; wet-smoothed; incised groove below rim out. D. 125 mm. I-3; misc. 3. Rims: X-1; I-5; Sub I-2; misc. 1. Base: Sub I-1. At TN common phase ca. 700-500 B.C. (27, 29, 31, 32).

**1213** Ci 370, AF20, I, baskets 53-58, x253. Med hard; out. med red orange ins. mottled lt red orange and lt brown, the latter gradually increasing in intensity toward center, core gradually merges; an occ. very fine white grit; ins. horizontally burnished, tending to ring toward rim. D. ca. 137 mm. X-1. Rims: X-2; I-1; Sub I-1; misc. 1. Bases: X-4; I-7; Ci 370-1. See S 1212. (27, 29, 31, 32).

**1214** Ci 370, AF19, I, baskets 21-32, x105. M 2548. Med hard; out. mottled med brown and lt red orange, ins. mottled lt red orange and lt brown, core lt brown gray where ware is thickest; occ. fine and small white grit; wet-smoothed. D. 120 mm. I-5; misc. I-6; Ci 370-2; T. 3-1. Rims: X-5; I-4; misc. I-1; Cis 176-2, 363-1. Bases: X-7; I-14; Ci 370-1. See S 1212. (27, 29, 31, 32).

**1215** Ci 370, AF19, baskets 21-32, x104. M 2547. Hard; out. mottled lt brown and lt red orange, ins. mottled lt red orange and med brown, core merging; some very fine white grits; wet-smoothed. D. ca. 135 mm. X-1; I-4; misc. I-3; Ci 176-3. Rims: X-1; I-3; misc. I-1; Cis 176-4, 363-1, 369-2, 370-3. Bases: X-4; I-1; Sub I-1; Ci 363-1. See S 1212. (27, 29, 31, 32).

**1216** Ci 156, AH20, x1. M 421. Hard; orange red ins., brown out. lower part to shoulder and then merges into lt orange red; some very fine white grits; wet-smoothed. D. 113 mm. Misc. I-2. Rims: I-2. Base: I-1. See S 1212. (27, 29, 31, 32).

**1217** Ca 193, Si C, AG28, baskets 3 and 4, x11. M 922. Hard, sandy; lt red ins., most of out. brown and drab; very many very fine white grits; wet-smoothed. D. 130 mm. Misc. 2. Rim: misc. 1. (27, 29, 31, 32).

**1218** Si 152, AJ22, x6. M 335. Lt red; well polished. D. 134 mm. (27, 29, 32).

**1219** T. 29, x42. M 1772. Fairly soft; lt brown; fine white and gray grits; wet-smoothed. D. 130 mm. Ts. 32-1, 54-1. Major phase apparently EI and early MI. Pl. 38: 17. (27, 29, 33).

**1220** T. 32, N. Strip, x480. Soft; lt orange brown; small and very fine white grits; wet-smoothed; weathered and pitted. D. 190 mm. Rims: I-1; Sub I-1. Bases: X-1; I-1. Possibly major phase ca. 1200-800 B.C. (27, 29, 33).

**1221** T. 54, x148. Med hard; out. buff and lt red orange, ins. lt brown drab, core lt yellow brown; many very fine white grits; wet-smoothed; ins. badly weathered. D. ca. 170 mm. Ts. 32-1, 54-1. Rims: X-1; I-1; Ci 363-1; T. 54-1. Base: T. 54-1. Possibly major phase ca. 1100-800 B.C. (27, 29, 33).

**1222** T. 54, x155. Med hard; heavy; lt brown drab, core med gray drab; some very fine white grits; wet-smoothed; weathered. D. 150 mm. Base: misc. II-1. (27, 29, 33).

**1223** T. 32, Middle Strip, x492. M 2125. Fairly hard; orange red; many very fine white grits; well levigated; wet-smoothed; evidence of close horizontal burnishing out.; weathered. D. 208 mm. Rims: X-1; Sub I-1; T. 54-1. Base: X-1; Ci 368-1. Major phase possibly LB ii and EI. Pl. 33: 2. (27, 29, 33).

**1224** T. 5, x209. M 1377. Coarse; now orange red with gray core; med and large white and brown grits; wet-smoothed; ins. finish uncertain, badly weathered and pitted. D. 220 mm. Rims: X-3; I-2. Bases: X-3; I-1; misc. I-1. See S 1223. Pl. 37: 3. (27, 29, 33).

**1225** T. 54, x147. Med hard; lt brown; many very fine white grits and some med brown and gray grits; wet-smoothed; weathered. D. 190 mm. Rims: I-2. Base: I-1. (27, 29, 33).

**1226** T. 32, E. Strip, x224. Fairly soft; lt orange brown; some small and very many very fine white grits; remains of close horizontal burnishing out. and of burnishing on interior; weathered. D. 146 mm. Rims: II-1; misc. I-1; T. 32-1. Base: Sub I-1. Mainly EI(?). (27, 29, 33).

**1227** T. 54, x160. Sandy, med hard; lt orange brown drab, core lt gray brown; some very fine white grits and very many very fine brown grits; wet-smoothed; red (hematite) slip on both surfaces, but badly weathered. D. ca. 245 mm. (27, 29, 33).

**1228** T. 32, E. Strip, x475. M 2113. Fairly hard; mottled lt orange red, brown and lt orange brown, gray core; many fine and small white grits; faint evidence of chordal burnishing ins. below shoulder and of horizontal burnishing out.; weathered. D. 267 mm. Rims: I-2; misc. II-2. Base: I-1; II-1. Mainly LB ii and EI(?). Pl. 33: 3. (27, 29, 33).

**1229** AG18, I, x32. Hard; gray black, gray brown core; very many very fine white grits; horizontal burnishing ins., and possibly burnishing out., but latter is weathered. D. ca. 280 mm. Rims: X-2; I-1. Bases: X-1; I-1. (27, 29, 33).

**1230** Si 62, AH23, x47. M 207. At ring base evidence for attachments of four regularly spaced legs. Hard; buff; very many very fine white grits; well-levigated; wet-smoothed. D. 330 mm. Rims: X-12; I-5; Sub I-2; II-1; misc. 2; Ci 361-1. Bases: X-1; I-1. (27, 29, 33).

**1231** R. 337, Z23, I, x26. Fairly hard; brown with gray core; med white and black, small white grits; lt red



brown rim; wet-smoothed. D. *ca.* 300 mm. Rims: X-1; I-1. (27, 29, 33).

## PLATE 55

**1232** AH20, x1. Reddish brown. D. 360 mm. Rims: X-1; I-6. (27, 29, 33).

**1233** R. 470, Y19, I, x9. Med hard; lt brown, core lt orange brown; very many very fine white grits; wet-smoothed; very badly weathered. D. *ca.* 340 mm. Rims: X-2; I-9; Sub I-1; misc. 1. (27, 29, 33).

**1234** R. 30, AL23, x2. Drab. D. 180 mm. Rims: X-2. Base: X-1. (27, 29, 33).

**1235** T. 32, N. Strip, x144b. M 2116. Hard; buff with orange brown core and interior; small dk gray, some large white grits; wet-smoothed; weathered, some very faint suggestion of burnishing. D. 180 mm. Rims: X-1; I-1; II-1; T. 54-1. Bases: I-2. Pl. 33: 4. (27, 29, 33).

**1236** T. 32, below late entrance, S. end, x495. Very soft; lt brown; small white grits; wet-smoothed. D. *ca.* 260 mm. T. 54-1. Rims: X-2; I-2; Sub I-2; misc. II-2; Ts. 5-1, 54-1. Apparently major phase *ca.* 1200-800 B.C. (27, 29, 33 and note 60).

**1237** T. 32, E. Strip, x467. M 2107. Fairly soft; buff; small gray, med, and very fine white grits; evidence of close horizontal burnishing out. to base and ins. to shoulder; below shoulder ins. faint evidence of chordal burnishing; weathered. D. 190 mm. Rims: X-1; I-1; misc. 1; Ts. 32-3, 54-1. Bases: X-1; I-1; Sub I-1. Apparently major phase *ca.* 1100-800 B.C. (27, 29, 33). Pl. 33: 5.

**1238** T. 5, x190. Soft, sandy; buff with gray core; many fine white grits; wet-smoothed; weathered. D. 195 mm. Si 295C-1. Rims: I-1; misc. 1. Bases: X-1; I-1. Mainly EI and MI. (27, 29, 33).

**1239** T. 32, E. Strip, x472. M 2110. Soft; lt orange red with lt brown core; small and fine and very many very fine white grits; evidence of close horizontal burnishing out. to base and ins. to shoulder; interior below shoulder apparently burnished chordally; weathered. D. 180 mm. T. 54-1. Rims: I-2. Bases: X-1; I-2. Major phase apparently EI. Pl. 33: 6. (27, 29, 33).

**1240** Si 348, W13, II, x38. Hard; lt red brown; med gray grits; large dk red brown painted bands making X's over white wash on red brown surface; white wash on interior. D. *ca.* 200 mm. Rims: I-1; T. 54-1. (27, 29, 33).

**1241** T. 5, x186. M 1368. Sandy; lt red; few med white grits; wet-smoothed. D. 195 mm. Rims: I-5; T. 29-1. Base: Sub I-1. Major phase *ca.* 1000-600 B.C. (27, 29, 33).

**1242** T. 5, x176. M 1362. Sandy, softened from weathering; ranging from orange to buff; few med white and gray grits and very many very fine white grits; possibly sub-surface evidence of horizontal burnishing ins and traces of some out.; weathered. D. 202 mm. Rims: X-1; I-5; T. 5-2. Base: I-1. See S 1241. Pl. 37: 4. (27, 29, 33).

**1243** T. 54, x154. M 2615. Med hard; out. lt yellow brown, ins. lt brown orange, core merging; very many very fine white grits; wet-smoothed; ins. shows possible evidence of horizontal burnishing. D. 180 mm. T. 54-1. Rim: Si 348-1. Bases: I-4; Sub I-1; T. 54-1. Major phase EI and MI. Pl. 35: 26. (27, 29, 33).

**1244** T. 5, x174. M 1360. Sandy buff, somewhat softened and faded from weathering; few med and large white and brown grits and very many very fine brown grits; wet-smoothed. D. 187 mm. Rims: X-3; Sub I-2; Ci

285-1. Base: Sub I-1. See S 1243. Pl. 37: 5. (27, 29, 33).

**1245** R. 252, R13, I, x1. Hard; brown red with drab core; med white grits; most of surface weathered off. D. 244 mm. Rims: X-2; I-2; Sub I-1; T. 7-1. Mainly MI. (27, 34).

**1246** T. 2, x3. M 1109. Hard, sandy; mottled lt brown and lt orange red; small white grits and very many very fine white grits; wet-smoothed; weathered. D. 163 mm. Rims: X-1; I-1; misc. 2. Bases: X-1; misc. II-1. LI into Roman (?). (34).

**1247** Si 103, AL22, x1. M 198. Fairly hard; lt brown; many med and large white and gray grits; wet-smoothed. D. 140 mm. Bases: X-3; I-1; Sub I-1. Apparently MB ii into EI. (34, 37).

**1248** R. 301, W12, I, x15. Lt orange brown surface, and core with fine lt brown grits; wet-smoothed. D. *ca.* 300 mm. Rim: X-1. (34).

**1249** R. 415, AG18, I, x9. Med hard; out. lt orange brown, ins. lt orange, core merging; very fine white grits; wet-smoothed; irregular ring burnished interior. D. 155 mm. I-1. Rims: X-2; I-10; II-1; misc. 3; Cis 363-1, 370-1. Bases: X-4; I-3; misc. 1. Major range *ca.* 1000-500 B.C. (34).

**1250** Ci 163, AJ21, x26. M 513. Hard; orange red; many fine and some med white grits; wet-smoothed; apparently thin red slip on interior. D. 157 mm. Rims: X-2; I-3; Sub I-1; misc. 1; Ci 369-1. See S 1249. (34).

**1251** R. 424, AG18, I, x8. Med hard; lt orange over lt brown core; many very fine white grits; fine dk particles are also present; wet-smoothed; horizontal bands of weathered brown (?) paint found on both surfaces. D. *ca.* 200 mm. Rims: I-4; Sub I-1. (34).

**1252** R. 337, Z23, I, x29. Soft; red brown; med white grits; wet-smoothed surface; hematite slip ins., ring burnished ins. and rim. D. 190 mm. T. 3-1. Rims: X-5; I-9; Sub I-1; misc. 2; Ci 285-1. Bases: X-9; I-11; misc. II-1; Ci 369-1. Apparently LB into LI. (34).

**1253** T. 5, x170. M 1359. Orange, softened and faded from weathering; fine, med and large white grits; wet-smoothed; ins. and top of rim closely horizontally burnished. D. 200 mm. Rims: X-3; I-6; II-1; T. 5-2. Base: I-1. Apparently late EI and MI. Pl. 37: 6. (34, 37).

**1254** R. 299, V12, I, x6. Red brown; med and small gray grits; wet-smoothed; ins. and rim ring burnished. D. *ca.* 280 mm. Rims: X-8; I-6; Sub I-1; misc. 4; T. 7-1. (34).

**1255** T. 5, x197. M 1370. Med hard, sandy; lt brown and lt orange brown; very many very fine and some large white and brown grits; some suggestion of horizontal burnishing ins., wet-smoothed out.; weathered. D. 240 mm. I-2; Sub I-1; Ts. 5-6, 29-1, 32-1. Rims: X-13; I-58; Sub I-9; II-2; misc. I-3; II-1; Cis 285-1, 320-1, 363-1, 369-2, 370-1; Ts. 5-4, 54-1. Bases: X-5; I-2. Major phase *ca.* 1000-586 B.C. Pl. 37: 7. (34, 37).

**1256** T. 5, x210. M 1378. Hard, sandy; lt orange brown; very many very fine and some med white grits; interior finish uncertain; exterior from base to shoulder shows lines which are probably from turning rather than burnishing; weathered. D. 252 mm. T. 32-1. Rims: I-8; Si 348-1; T. 32-1. Bases: X-2; I-3. See S 1255. Pl. 37: 8. (34).

**1257** T. 5, x173. Sandy; mottled lt brown and lt orange brown; very many very fine white grits; weathered. D. 215 mm. Ts. 5-1, 32-1. Rims: X-5; I-10; misc. II-1; Cis 325-1, 370-1; T. 5-1. Base: I-1. See S 1255. (34).

**1258** T. 5, x181. M 1365. Sandy; mottled lt brown and lt orange red, somewhat softened and faded from weathering; faint evidence of close horizontal burnishing on both surfaces. D. 255 mm. T. 32-1. Rims: I-5; Si 348-1; Ci 285-1; Ts. 5-1, 11-1. Bases: X-2; I-10. See S 1255. Pl. 37: 10. (34).

**1259** T. 5, x180. M 1364. Ins. smooth, lt orange red; out. lt brown, coarse with pitted surface made by vegetable matter weathering out; med white and brown grits; out. wet-smoothed; ins. slip smoothed; weathered. D. 180 mm. Sub I-1. Rim: I-1. Base: Sub I-1. Apparently LB to LI. Pl. 37: 11. (34).

**1260** T. 5, x179. M 1363. Lt brown; some med and large white, brown, and gray grits; indications of close horizontal burnishing over entire surface except bottom ins. of base; out. slightly ribbed from rim to shoulder; weathered and pitted. D. 207 mm. Rim: X-1. Possibly mainly ca. 1000-586 B.C. (34).

**1261** R. 617, AB16, x19. Med hard; lt red orange, core lt brown drab; very many very fine and occ. fine and small white grits; wet-smoothed; ins. horizontally burnished. D. ca. 180 mm. Misc. 1. Rims: X-2; I-2; misc. 1. Bases: X-4; I-4; Sub I-1; Ci 325-1. EI and MI. (34).

**1262** AG17X, x2. Hard; lt red brown; few fine white grits; wet-smoothed. D. ca. 220 mm. Rims: X-1; I-4; misc. 1. (34).

**1263** R. 378, T23, I, x31. Hard; orange brown; many very fine white grits; wet-smoothed. D. ca. 210 mm. Rims: X-2; I-1. Base: I-1. Major phase ca. 1000-500 B.C. (34).

**1264** R. 508, AE16, I, x4. Med hard; lt red orange; very many very fine white grits; wet-smoothed. D. ca. 275 mm. Rims: X-2; I-1. (34).

#### PLATE 56

**1265** AA12, x31. Brown; med white grits; wet-smoothed. D. ca. 170 mm. Rims: I-4; Sub I-2. (34).

**1266** AD16, x14. Med hard; med brown orange; some very fine scintillating particles; wet-smoothed; out. slightly smoke blackened. D. ca. 245 mm. Rims: I-2. LI probably a common phase. (33, 34).

**1267** T. 5, x163. M 1353. Fairly soft, sandy; orange brown, ins. and out. to shoulder and top of rim closely horizontally burnished; bottom portion of ins. partly burnished straight across, and most of the remainder at right angles to it, but some indications of chordal burnishing. D. 115 mm. Rims: I-2. Major phase possibly ca. 1000-586 B.C. Pl. 37: 13. (34).

**1268** T. 5, x208. M 1376. Sandy; lt brown and lt red; very many very fine white and some large white and brown grits; indications of horizontal burnishing ins. and of irregular crisscross burnishing ins. of ring base, but remainder much weathered. D. 178 mm. Rims: X-2; misc. 1. See S 1267. Pl. 37: 14. (34).

**1269** Si 308A, X13, II, x6. Fairly soft; out. lt red brown, lt orange brown ins., dk gray core; med dk gray grits, very fine white ones; wet-smoothed. D. ca. 360 mm. (34).

**1270** R. 553, AF18, II, x18. Med hard; lt brown; very many very fine and fine white grits; wet-smoothed. D. ca. 220 mm. Rims: X-1; I-3; Sub I-1. (34).

**1271** AB21, x6. Fairly soft; lt red brown; many very fine white grits; wet-smoothed. D. ca. 160 mm. Rims: X-2; T. 5-1. (34).

**1272** Ci 326, V22, I, x9. Very hard; brown; small gray, very fine white grits; wet-smoothed. D. ca. 240 mm. (34).

**1273** AE19, Sub floor R. 518, I, x13. Med hard; buff, core lt brown and med gray brown; very many very fine and occ. small and large white grits; wet-smoothed. D. ca. 190 mm. (34).

**1274** AF20, x21. Med hard; out. lt orange brown, ins. lt yellow orange, core lt gray; occ. very fine white grits; evidence of horizontal burnishing on both surfaces, but badly weathered. D. ca. 200 mm. Rims: X-2; I-1. (34).

**1275** R. 294, V12, I, x16. Brown-red, brown core; fine silicate grits; wet-smoothed; ring burnished rim and ins. D. ca. 250 mm. Rims: X-3; I-6. (34).

**1276** T. 32, Center, x489. Fairly soft; lt brown with gray core; small and fine white grits; wet-smoothed. D. 290 mm. Rims: X-1; I-3; misc. II-1. (34).

**1277** AA17, x8. Hard; lt orange, core lt brown drab; only an occ. very fine white grit; surfaces red (hematite) slip-smoothed and ring burnished. D. ca. 285 mm. Rims: X-1; I-1. (34).

**1278** Si 295B, V13, II, x12. Hard; dk brown, lt red brown out., red brown ins. and rim; many very fine white grits; wet-smoothed; horizontally burnished ins. and rim. D. ca. 260 mm. Rims: X-2; I-1; misc. II-1; Si 295C-1; T. 32-1. (34).

**1279** Q18X, II, x47. M 1006. Hard, sandy; lt red; surfaces covered with fairly thick white slip; painted decoration in red lines with red and black and white centers alternating in checks over out. to shoulder; bottom painted line extends slightly beyond shoulder. D. 160 mm. Rims: Sub I-1; II-2; misc. I-2; II-1. Possibly ca. 1150-1000 B.C. (34, 37).

**1280** AB19X, x16. Fairly hard; lt brown out. half, brown ins. half; very many very fine white grits; wet-smoothed. D. ca. 380 mm. Rims: X-1; I-6. (34).

**1281** R. 294, V12-13, I, x17. Brown red with gray brown core; fine white grits; wet-smoothed; burnished rim and ins. D. ca. 240 mm. Rims: I-4. (34).

**1282** T. 5, x168. M 1357. Fairly soft; orange red; very many fine white grits; red slip ins. and out. to shoulder and slightly below; some evidence that this area was burnished horizontally before slip was applied; out. from shoulder to base either closely burnished or turned. D. 245 mm. Rims: X-2; I-1. Bases: I-1; Sub I-1. Possibly major phase ca. 1000-586 B.C. Pl. 37: 15. (34).

**1283** T. 5, x169. M 1358. Fairly hard; orange brown; fine and small brown and gray grits; out. wet-smoothed; top of rim and ins. covered with red slip (hematite), this portion then closely horizontally burnished; weathered. D. 205 mm. Rims: I-3; misc. 1. See S 1282. Pl. 37: 16. (34).

**1284** Ci 231, AF27, x26. M 967. Hard; red; one fragment smoked; small white grits and an occ. large one; ring burnished ins. and out. D. 210 mm. I-1; misc. 1; Ts. 3-1, 32-1. Rims: I-5; Ci 285-1, 320-1. Bases: X-3; I-4; Sub I-1; misc. 1; Ci 363-1. Mainly late EI and MI. (34, 37).

**1285** T. 5, x211. M 1379. Faded and softened from weathering, now orange brown; fine and small white and brown grits; rim covered with red slip and horizontally burnished; weathered. D. 225 mm. Rims: I-2; misc. 1; T. 7-1. Bases: X-2; I-8; Sub I-1. Possibly major phase ca. 1000-800 B.C. Pl. 37: 17. (34, 37).

**1286** T. 5, x185. M 1367. Now orange red; med white grits; ring burnished horizontally on both surfaces? Badly weathered and faded. D. 240 mm. Rims: X-5; I-3; Ci 320-1, 325-1. Base: Sub I-1. Possibly major phase ca. 1000-586 B.C. Pl. 37: 18. (34).

**1287** Ci 163, AJ21, x27. M 514. Hard; lt orange

red; many very fine and some small and med white grits; both surfaces closely burnished horizontally; two repair holes through walls. D. 180 mm. Rims: I-4; misc. 3; Ci 176-1. Bases: I-2. See S 1286. (34).

**1288** Ci 159, AJ20, x47. Dk red; gray core; smoked surface. D. ca. 280 mm. (34).

**1289** Ci 363, AB16, I, x60. Hard; buff; very many very fine white grits; well levigated; wet-smoothed; ins. ring burnished. D. ca. 260 mm. Rims: I-4; Sub I-1; Cis 285-1, 369-1. (34).

**1290** R. 360, T14, I, x17. Very hard; drab, outer half lt red brown, inner half lt gray; wet-smoothed; horizontally burnished ins. and rim; partly fire-blackened rim and surface. D. ca. 460 mm. Rims: X-1; I-1; Ci 176-1. (34).

**1291** AE18, Sub floor R. 517, I, x22. Hard; out. lt gray brown, ins. med gray brown, core med brown; very many very fine and several fine, small, and large grits; wet-smoothed; ring burnished; color slightly irregular, due to uneven firing. D. ca. 460 mm. Rims: X-3; I-5; Ci 304-1. Bases: X-5; I-12; Sub I-2. Possibly major range ca 1050-500 B. C. (34).

#### PLATE 57

**1292** T. 32, E. Strip, x55. Hard; brown, lt brown surface; very fine white grits; wet-smoothed. (34, 37).

**1293** T. 19, x3. Fairly hard; brown, red brown under surface and interior; fine lt brown grits; wet-smoothed; incised X's on rim. D. ca. 230 mm. (34, 37).

**1294** Ci 47, W. Cemetery, x3. Very hard; dk brown, lt brown surface, lt orange brown under interior; few fine white grits; wet-smoothed; impressed design on top of rim. D. ca. 210 mm. Rims: I-1; misc. 1, T. 6-1. (34, 37).

**1295** AA26X, Revetment below base, x14. Fairly hard; lt brown; fine white grits; wet-smoothed; ring burnished rim and ins. D. ca. 190 mm. Rims: X-2; I-1. (34).

**1296** Ci 361, AC16, I, baskets 16-41, x73. Hard; lt brown, core med brown; very many very fine white grits; wet-smoothed; out. shows attempt at burnishing or turning, but surface was too dry and rolled. D. ca. 162 mm. Rims: X-6; I-5; misc. 1. EI, MI, and LI. (34).

**1297** R. 318, AA25, I, x10. Hard; brown; fine white grits; wet-smoothed. D. ca. 220 mm. X-1; I-1. Rims: X-4; I-4; misc. 1; Ci 361-1; T. 19-1. Base: X-1. Mainly MI and LI. (34).

**1298** N. Cemetery, in front of T. 9, x3. Fairly soft; almost paste; brown with orange-brown surface; few very fine white grits; wet-smoothed. D. ca. 210 mm. Rim: X-1. (34, 37).

**1299** T. 11, x10. Very hard, paste-like; lt orange brown; many very fine white and brown grits; wet-smoothed; incised (combed); weathered. D. ca. 420 mm. (34, 37).

**1300** Ci 47, W. Cemetery, x4. (Perhaps large rectangular vessel). Very hard; orange brown surface and brown core; med and fine brown, dk brown, and white grits wet-smoothed. (34, 37).

**1301** Dump, X12X and Y12X, x8. Fairly soft; lt red brown surface, brown core; fine brown grits. (34, 37).

**1302** Si 348, W13, II, x30. (Ridge probably part of bar handle). Very hard; brown with gray brown core; med gray and fine white grits; wet-smoothed; ins. and rim burnished horizontally. D. ca. 360 mm. Rims: X-4; Sub I-2. (34, 37, 45).

**1303** Q14X, x18. Hard, sandy; red; triangular and diagonal impressions on raised band. D. ca. 100 mm. (34).

**1304** Dump from R. 437, AF19, I, x3. Med hard;

med brown, dk brown core; some very fine and occ. small white grits; red (hematite) slip-smoothed on both surfaces; horizontal burnishing. D. ca. 155 mm. Rims: I-1; Sub I-2. Major range ca. 950-600 B. C. (34, 37, 46).

**1305** AD16X, x13. Med hard; lt brown orange, core lt gray; many very fine, fine, and small white grits; wet-smoothed; out. lt cream slip-smoothed; weathered. D. ca. 260 mm. Rims: X-3. LI probably a common phase. (34, 37).

**1306** AA25, x9. Hard; lt orange brown surface, brown core; many fine white grits; wet-smoothed. D. ca. 170 mm. (34).

**1307** T. 32, S. Strip, x437. M 2123. Soft; mottled lt orange brown, gray, and lt brown; very fine white grits and some large white and brown grits; chordal burnishing ins. to shoulder, horizontal burnishing to rim and possibly on rim, out. too weathered to determine; weathered. D. 255 mm. Rims: X-2. Bases: X-2; I-4; Sub I-2; II-1; misc. I-1. Major phase apparently EI-MI. Pl. 33: 8. (34).

**1308** T. 32, W. Strip, x228. M 2115. Fairly soft; lt brown; fine gray, very fine white grits; horizontally burnished ins. and out. D. 255 mm. Rims: X-1; I-4; II-1. Bases: X-6; I-22; Sub I-4; Ci 320-1. Mainly ca. 1000-586 B. C. (34, 38, 41).

**1309** T. 32, S. Strip, x488. M 2122. Soft; lt brown; fine dk gray grits; chordal burnishing ins. from shoulder, horizontal burnishing on shoulder ins. and rim, and faint evidence out. to base; weathered. D. 250 mm. Ci 176-1. Rims: X-8; I-23; Sub I-2; misc. II-3; Ci 368-1; T. 32-1. Base: I-4. EI and MI. Pl. 33: 9. (34, 35, 38, 41).

**1310** R. 613, AB15, I, x22. Med hard; lt orange brown, core lt brown drab; many white grits of various sizes; wet-smoothed; weathered. D. ca. 255 mm. I-1; Ci 166-1. Rims: X-4; I-5; Sub I-1; II-1. Bases: X-4; I-1; misc. 359-1. Major phase possibly ca. 700-500 B. C. (34, 38).

**1311** Ci 165, AH20, x24. Lt red, gray core; slightly burnished in bands ins. D. 255 mm. Misc. 2. Rims: X-26; I-28; Sub I-4; misc. I-3; II-1; Cis 368-1, 369-1. Bases: X-12; I-14; misc. II-1; Ci 369-1. See S 1310. (34, 38, 41).

**1312** Ci 165, AH20, x15. M 580. Hard; lt orange red; some fine to med white grits; wet-smoothed; irregular ring burnishing ins. and on rim; two fragments smoked ins. D. 186 mm. Rim: I-1. Base: I-1. See S 1310. (34, 38).

**1313** Ci 325, AA14, II, x52. Hard; red brown with brown core; small and fine white grits; wet-smoothed; ring burnished ins. D. ca. 212 mm. Misc. 2. Rims: X-2; I-2; Ci 285-1. Base: misc. II-1. See S 1310. (34, 38).

**1314** R. 492, SW, Extra Mural, x11. M 2520. Hard; lt orange red; fine to large white grits; wet-smoothed; ins. and rim horizontally burnished tending to ring; weathered. D. 210 mm. X-1; I-2; misc. I-3; Ci 370-1; T. 3-2. Rims: X-47; I-87; Sub I-6; II-1; misc. I-11, II-2; Si 295C-1; Cis 325-1, 363-5, 369-2, 370-3. Bases: X-5; I-10; Sub I-1; misc. 1; Cis 320-1, 369-1, 370-1. See S 1310. (34, 38, 39, 41).

**1315** Z23X, x7. Hard; lt brown with red brown core; wet-smoothed; burnished horizontally ins. and rim. D. ca. 190 mm. Rims: X-4; I-4; T. 32-1. Bases: X-9; I-10; misc. I-1, II-1; Ci 369-1. See S 1310. (34, 38, 41).

**1316** R. 74, AH19, x3. Brown; slip-smoothed. D. ca. 200 mm. Misc. 1. Rim: misc. 1. Base: X-1; I-2. See S 1310. (34, 38).

**1317** R. 628, AB17, I, x5. Med hard; lt orange, core lt brown drab; occ. very fine white grits; wet-smoothed;

ins. horizontally burnished. D. ca. 175 mm. Rims: X-3; I-6; misc. 1. See S 1310. (34, 38).

**1318** AG20X, x11. Med hard; lt orange brown; many fine white grits; wet-smoothed; weathered. D. ca. 155 mm. Rims: X-5; I-6; Sub I-1. See S 1310. (34, 38).

**1319** R. 498, AE16, I, x13. Med hard; lt brown, core med brown drab; very many very fine white grits; wet-smoothed; surfaces badly weathered. D. ca. 205 mm. Rims: X-2; I-3; misc. 1. See S 1310. (34, 38).

**1320** T. 32, E. Strip, x366. M 2111. Soft; lt brown; many small and fine white grits; shoulders horizontally burnished, ins. apparently chordally burnished from shoulder; out. hand burnished from shoulder; weathered. D. 195 mm. Rims: X-1; I-1; Sub I-2; II-1. Base: X-1. LB-LI. Pl. 33: 10. (34, 38, 41).

#### PLATE 38

**1321** Ci 369, AF20, I, baskets 1-10, x26. Med hard; lt brown; many very fine gray grits and occ. very fine white grits; horizontal burnishing ins. with possibility of lt orange slip-smoothing on both surfaces; badly weathered. D. 150 mm. I-2; misc. 2; Ci 370-1. Rims: X-3; I-3. Bases: X-5; I-7. Major phase possibly ca. 700-500 B.C. (34, 38).

**1322** Ci 166, AG20, x27. Lt red; slightly burnished horizontally in bands ins. D. 210 mm. Misc. 1. Rims: X-1; I-2; Ci 369-1. Bases: X-3; I-5; Sub I-1; misc. 1. Major phase apparently ca. 1000-500 B.C. (34, 38, 39 note 72).

**1323** R. 578, AD18, I, x20. Med hard; med orange; many very fine and some small white grits; wet-smoothed; ring burnished ins. D. ca. 240 mm. Rims: I-8; Sub I-2; II-2. (34, 38).

**1324** Ci 119, AK22, x1. Brown; red slip ins. and rim ring burnished. D. 220 mm. Misc. 1. Rim: misc. 1. Bases: I-5; misc. 1. Major phase possibly ca. 700-500 B.C. (34, 38).

**1325** Ci 166, AG20, x6. M 529. Lt red; ring burnished ins. and on rim. D. 160 mm. Misc. 1. Rims: X-2; I-2; Sub I-1; Ci 370-2. Bases: I-2. (34, 38, 41).

**1326** Ci 156, AH20, x10. M 429. Wine colored, red; ring burnished ins. D. 160 mm. Ci 370-1. Rim: Ci 370-1. (34, 38).

**1327** T. 5, x194. Sandy; orange brown, softened and faded from weathering; very many very fine and some med and large white grits; horizontally burnished on rim and ins.; weathered. D. 235 mm. Rims: I-1; T. 5-2. Bases: X-1; misc. I and II-3. Major range ca. 1000-600 B.C. (34, 35, 37, 38, 41).

**1328** T. 5, x175. M 1361. Very hard; sandy red, major portion now drab from very hard firing; med white grits; wet-smoothed. D. 210 mm. T. 29-1. Rims: I-2; misc. 1. Bases: X-1; I-7; Sub I-1. See S 1327. Pl. 37: 19. (34, 37, 38, 41).

**1329** R. 467, AD21, I, x19. Med hard; out. lt orange brown, ins. lt brown, core med drab; very many very fine white grits; wet-smoothed; ins. and rim ring burnished. D. ca. 400 mm. Rims: X-1; I-2. (34, 38).

**1330** R. 439, AF19, I, x26. Med hard; lt orange, core lt brown; occ. small white grits; wet-smoothed; horizontal burnishing on rim and possibly ins.; weathered. D. ca. 275 mm. Rim: I-1. (34, 38).

**1331** Ci 165, AH20, x22. M 586. Brown; red slip ins. ring burnished. D. 345 mm. Rims: I-4; Ci 370-1. Bases: X-7; I-15; Sub I-2; misc. I-1; Cis 285-1, 325-1. Major phase possibly ca. 700-500 B.C. (34, 38, 41).

**1332** R. 630, AB18, I, x17. Med hard; out. lt brown orange, ins. lt orange, core med brown; very many very fine white grits; wet-smoothed; weathered. D. ca. 270 mm. (34, 38).

**1333** T. 29, x43. M 1773. Fairly hard; lt brown; very many very fine and some small and fine white grits; slight evidence of horizontal burnish on both surfaces; weathered. D. 155 mm. Rim: Ci 370-1. Pl. 38: 18. (34, 38).

**1334** R. 484, Y17, I, x9. Hard; black; occ. fine and small white grit; wet-smoothed; possible horizontal burnishing ins.; weathered. D. ca. 150 mm. MI and LI. (34, 38, 41).

**1335** Ci 370, AF20, I, baskets 32-40, x163. Hard; out. lt red orange, ins. lt orange, core lt gray drab; an occ. very fine white grit; horizontal burnishing on both surfaces. D. ca. 175 mm. Rims: X-1; misc. I-1. See S 1334. (34, 38, 41).

**1336** Dump from AE20X, x2. Hard; lt brown drab; occ. very fine white grits; out. very well burnished; ins. shows only one attempt at burnishing; rim horizontally burnished; out. smoke blackened. D. ca. 150 mm. Rims: X-1; I-2; misc. 1. See S 1334. (34, 38, 41).

**1337** R. 442, AF19, I, x23. Hard; out. lt brown, in. lt orange, core lt orange brown; very fine and occ. small white grits; wet-smoothed; ins. and rim horizontally ring burnished. D. ca. 175 mm. Rim: I-1. See S 1334. (34, 38, 41).

**1338** AB15X, x16. Med hard; lt orange; many very fine and occ. small white grits; wet-smoothed; ins. and rim horizontally burnished; weathered. D. ca. 155 mm. Rim: I-1. See S 1334. (34, 38, 41).

**1339** R. 301, W12, I, x11. Orange red surface, brown core; fine white grits; wet-smoothed. D. ca. 310 mm. Rims: I-1; Sub I-1. LI probably a common phase. (33, 37, 42).

**1340** M17, x2. Sandy; buff; some med white grits. D. ca. 160 mm. (42).

**1341** R. 378, T23, I, x28. Fairly hard; red brown; very large white, large white, med white and gray, fine white and gray grits; wet-smoothed. D. ca. 275 mm. Rims: X-4. LI probably a common phase. (42).

**1342** Ca 193, AG28, x49. Possibly handmade. Hard, flaky; med brown with black core; small silicate grits; surfaces covered with red slip and closely horizontally burnished; evidence of later contact with fire. D. ca. 210 mm. Ca 193D-1. (42).

**1343** R. 601, AC16, I, x14. Med hard; lt brown; some very fine and fine and occ. small and large white grits; lt greenish cream slip. D. ca. 320 mm. Rims: I-4. Bases: X-1; I-1; T. 54-1. See S 1341. (42).

**1344** AB23, x1. Fairly hard; dull orange brown with gray and brown core; med and fine white grits; wet-smoothed; ins. of base impressed. D. ca. 300 mm. Rims: X-4; I-5; Sub I-1. See S 1341. (42).

**1345** Y12, x4. Lt orange brown, orange brown core; very fine lt gray grits; wet-smoothed. D. ca. 350 mm. Rims: X-3. See S 1341. (42).

**1346** V12, Sub I, x2. Hard; red brown with brown core, lt red brown rim; fine white grits; burnished horizontally ins. and from shoulder toward base out. D. ca. 215 mm. Rims: X-1; I-4; Cis 304-1, 363-1. See S 1341. (42).

**1347** R. 378, T23, I, x29. Very hard; lt brown core, lt red brown surface; fine white and occ. med gray grits; wet-smoothed. D. ca. 300 mm. Rim: I-1. See S 1341. (42).

**1348** AC14, x7. Med hard; lt brown; many very fine and occ. small and large white grits; wet-smoothed. D. ca. 190 mm. Rims: X-1; I-5; Ci 361-1. See S 1341. (42).

**1349** Bin 349, AF17, I, x6. Hard; lt brown, core lt red orange; very many very fine white grits; wet-smoothed; surfaces irregularly burnished horizontally tending to ring. D. ca. 175 mm. Rim: I-1. See S 1341. (42).

**1350** R. 325, AA24, I, x13. Hard; lt brown, brown core; fine white grits; wet-smoothed. D. ca. 350 mm. Rim: X-1. See S 1341. (42).

## PLATE 59

**1351** R. 301, W12, I, x10. Lt orange brown surface, brown core; fine white grits; wet-smoothed. D. ca. 330 mm. (42).

**1352** R. 543, AF18, II, x7. Med hard; lt yellow brown, core med gray drab; occ. very fine white grits; wet-smoothed; both surfaces irregularly horizontally burnished. D. ca. 300 mm. Rims: I-2; II-2; misc. II-1. (42).

**1353** T. 6, x20. Fairly hard; crumbly; brown, interior lt red brown; small brown grits; painted red brown lines on rim. D. ca. 280 mm. (42).

**1354** Y25, x7. Very hard; brown with lt gray core; many fine white grits; wet-smoothed. D. ca. 350 mm. Rims: X-1; I-1; misc. 1. (42).

**1355** AD13, x1. Fine texture; red brown, gray brown core. "Shingle" ribbing, clearly defined, averaging 4 mm. in width. D. ca. 225 mm. (42).

**1356** R. 327, AA24, I, x10. Very hard, paste; yellow buff; wet-smoothed. D. ca. 275 mm. (42).

**1357** Ci 325, AA14, II, x28. Many mending holes. Very hard; greenish cream with core and lower interior buff; a few fine to large white and brown grits; well levigated; wet-smoothed. D. ca. 340 mm. Rims: X-3; I-3; misc. 1. Bases: X-3; I-5; misc. I-1. LI probably a common phase. (Chap. I 71 note 76, 43).

**1358** AD19, x25. Med hard; lt brown; very many very fine and occ. fine white grits; wet-smoothed. D. ca. 345 mm. Rims: X-1; I-2. See S 1357. (Chap. I 71 note 76, 43).

**1359** S23, x1. Hard; brown, lt orange brown surface; many fine white grits. D. ca. 310 mm. Rim: X-1. See S 1357. (Chap. I 71 note 76, 43).

**1360** R. 616, AB16, I, x27. Med hard; out. lt orange, ins. and core of lt yellow brown; very many very fine and occ. fine and small white grits; wet-smoothed. D. ca. 260 mm. (Chap. I 71 note 76, 43).

**1361** R. 97, X23, x2. Lt yellow with drab core. D. 375 mm. Rim: misc. 1. Bases: X-2; I-1. See S 1357. (Chap. I 71 note 76, 43).

**1362** Si 295B, V13, II, x13. Very hard; red brown with dk gray core; fine and few med white grits; wet-smoothed. D. ca. 220 mm. Rims: X-2; Sub I-1; II-1; T. 54-1. Mainly EI (?). (44).

**1363** Z13, 91-105 cm., x56. Two holes punched through wall. Hard; red brown with med brown; some very fine and occ. small and large white grits; wet-smoothed. D. ca. 225 mm. Rims: X-2; I-1. (44).

**1364** AF18, Sub floor R. 429, I, x9. Med hard; lt yellow brown; some very fine white grits; wet-smoothed. D. ca. 165 mm. (44).

**1365** Ci 231, AF27, x30. Brown red; rim and out. covered with red slip (hematite) and polished. D. ca. 140 mm. Rim: Sub I-1. (44).

**1366** R. 296, T13, I, x12. Fairly soft; lt orange brown;

med brown grits; wet-smoothed. D. ca. 220 mm. Rim: Sub I-1. (44).

**1367** AG18X, x27. Med hard; med brown in color; many very fine white grits, and occ. large white grits; wet-smoothed; badly weathered. D. ca. 170 mm. (44).

**1368** R. 661, Z16, I, x15. Med hard; lt brown orange; very many very fine and occ. fine white and small brown grits; both surfaces horizontally burnished; weathered; cavity in wall below rim. (44).

**1369** X25, x30. Very hard; brown; med gray and fine white grits; horizontally burnished all over. D. 245 mm. Rims: X-2; I-1. Bases: X-1; I-1; Sub I-1. (44).

**1370** Ci 165, AH20, x27. Red, lt yellow surface. D. ca. 180 mm. Rim: I-1. (44).

**1371** Y26, x1. Good paste, hard; red brown; wet-smoothed; incised design. D. ca. 250 mm. (44).

**1372** N. E. Necropolis, near T. 55, x14. Hard; lt brown, core lt orange; occ. very fine white grits; out. diagonal impressions (rolled) as shown; out. red slip, top of rim and ins. brown slip; weathered. D. ca. 310 mm. (44).

**1373** T. 14, x14. Fairly hard; red brown; small and fine white grits; impressed surface; painted bands on top of rim and on surface between rim and ridge; faded hematite (?) slip on interior. D. ca. 300 mm. (44).

**1374** R. 327, AA24, I, x7. Hard; drab, brown surface; med and fine white grits; wet-smoothed. D. ca. 230 mm. Rim: I-1. (44).

**1375** R. 566, AC14, I, x10. Hard; med brown, core med gray; some very fine, small, and large white grits; wet-smoothed. D. ca. 205 mm. (44).

## PLATE 60

**1376** T. 32, E. Strip, x469. Very hard; lt orange brown, lt gray core; fine white grits; well levigated; wet-smoothed; three finger depressions on rim exterior. D. ca. 410 mm. (44).

**1377** Dump AB19X, x2. Overhanging scalloped rim. Fairly hard; gray brown core, brown out., lt red brown ins.; fine white grits; wet-smoothed. (44).

**1378** T. 32, Middle Strip, x493. M 2126. Fairly hard; lt red orange surfaces, lt red beneath with lt brown core; very many very fine and some med and large white grits; wet-smoothed; weathered remains of horizontal burnishing on rim and ins. to shoulder; ins. below shoulder burnished chordally and back and forth in several directions; out. much weathered. D. 300 mm. Rim and handle: X-1; Sub I-1. Rim: X-1. Base: X-1. Possibly major phase EI. Pl. 33: 12. (37, 45).

**1379** T. 32, E. Strip, x471. M 2109. Soft; mottled lt brown and lt orange brown; very many very fine and some med and large white grits; wet-smoothed; weathered and pitted. D. 265 mm. T. 32-1. Rim and handle: X-2; I-2; misc. 2; T. 54-1. Bases: X-1; I-1. See S 1378. Pl. 33: 13. (44, 45).

**1380** T. 32, S. Strip, x482. M 2118. Fairly hard; red brown; few small and very fine white grits; horizontally burnished ins. and out. D. 275 mm. Rim and handle: X-1; I-3; Sub I-3. Base: Sub I-1. EI and MI. Pl. 33: 14. (44, 45).

**1381** T. 54, x170. Med hard, sandy; med red orange, core lt brown; very fine white grits; both surfaces show faint evidence of horizontal burnishing; weathered. D. ca. 235 mm. Rim and handle: X-3; I-5; Sub I-3; II-1. Transferred from S 1398: X-4; I-6; misc. 1. EI and MI. (45, 46 note 90).

**1382** AB19X, x17. Hard; lt red brown; very fine



white grits; wet-smoothed; horizontally burnished rim and ins. D. ca. 215 mm. (45, 46, note 90).

**1383** Z17X, x6. Med hard; lt orange, core lt red orange; very many very fine and occ. fine white grits; wet-smoothed; ins. horizontally burnished but badly weathered. Rim and bar: I-2. (45).

**1384** AP23, x3. Brown. D. ca. 411 mm. Rim and handle: X-1; T. 7-1. (45).

**1385** Ci 363, AB16, I, x62. Hard; buff, core lt brown drab; very many very fine white grits; well levigated; wet-smoothed; closely horizontally burnished. Rim and handle: X-1; I-1. (45).

**1386** R. 450, AG20, I, x3. Med hard; lt brown surfaces and core; very many very fine and occ. small and large white grits; wet-smoothed; badly weathered. Rim and bar: I-1. (45).

**1387** AA24X, x4. Lt red orange. (45).

**1388** AB26, Revetment, x7. Fairly hard; lt red brown with gray core; med white and gray, fine white grits; wet-smoothed; horizontally burnished rim and ins. D. ca. 450 mm. Rim and bar: X-1; I-4; Sub I-1. (45).

**1389** R. 444, AF20, I, x9. Med hard; black, core med gray; very many very fine white grits; wet-smoothed; ins. closely horizontally burnished; weathered. D. ca. 170 mm. Rim and handle: X-1; I-2; T. 54-1. EI and MI. (45).

**1390** AA25X, x16. Fairly hard; brown red, dk gray core; fine white grits; burnished horizontally. D. ca. 250 mm. (45).

**1391** AA22, x10. Fairly soft; brown; med white and gray grits; wet-smoothed; possibly horizontally burnished. (45).

**1392** T. 5, x164. M 1354. Two tab handles. Hard, sandy; lt red; wet-smoothed out., ins. and top of rim horizontally and closely burnished; incised groove near shoulder running most of way around body. D. to edge of rim 235 mm. Rim and handle: I-1. Major phase possibly EI-MI. Pl. 37: 20. (45, 46).

**1393** T. 5, x165. M 1355. Two tab handles. Orange brown; few med and many very fine white grits; out. wet-smoothed, ins. and top of rim covered with red slip (hematite), and possibly horizontally burnished; weathered. D. to rim edges 235 mm. Rim and handle: Ci 370-1. See S 1392. Pl. 37: 21. (45, 46).

**1394** Si 348, W13, II, x34. Tab handle. Fairly hard; red brown, fine white grits; wet-smoothed; ring burnished ins. D. ca. 380 mm. Rim and handle: I-1. Rims: X-1; Sub I-1; misc. II-1. See S 1392. (45, 46).

**1395** R. 501, Extra Mural, SW, I, x14. Tab handle. Med hard; lt brown and lt orange brown; very many very fine white grits; wet-smoothed; very badly weathered evidence of horizontal burnishing ins. and rim. D. ca. 280 mm. Rim and handle: X-1. (45, 46).

**1396** N14X, x5. Tab handle. Red brown, gray core; small white grits. (45, 46).

**1397** R. 636, AA19, I, x10. Knob-handle. Med hard; lt brown orange, core med gray brown; some very fine and fine white grits; wet-smoothed; weathered; rim and ins. horizontally burnished tending to ring. (45, 46).

**1398** R. 372, T22, I, x6. Very hard; brown, lt red brown surface, thin gray core; med white, small gray, very fine white grits; wet-smoothed; horizontally burnished ins. and rim. D. ca. 280 mm. Rim and handle: X-1. (45 and note 87, 46 and note 90).

**1399** AD14, x23. Unusual knob handle, ca. 30 mm. at base, ca. 10 mm. at top. Buff with gray core; very many very fine white grits; wet-smoothed; ins. and rim burnished horizontally. D. ca. 550 mm. (45, 46).

**1400** Ci 220, Q17, baskets 13-18, x16. Tab handle; hard, sandy; brown red; burnished ins. and on rim. Rim: I-1. (45, 46).

**1401** Si 225, Q17, basket 1, x4. Tab and horizontal ledge handle. Very hard and very fine texture; lt buff; small white and silicate grits; burnished both ins. and out. D. ca. 170 mm. Rim and handle: T. 10-1. (45, 47).

**1402** Si 62, AH23, x49. M 126. One (or two) handle(s) on rim. Hard; lt brown, baking gray in core; many fine to large white grits; roughly wet-smoothed. D. 330 mm. Rim and handle: Sub I-1. Rims: X-1; I-6; misc. 5, II-1. Bases: I-7. Major phase possibly LB and EI. (45, 47).

#### PLATE 61

**1403** AD26X, II, x7. Rim fragment of handmade bowl; crude ledge handle attached to rim. Coarse, hard; orange surface, gray core, many med white grits; wet-smoothed; greenish buff slip in places. D. ca. 300 mm. (45, 47).

**1404** AG26X, x6. Rim fragment, large ledge handle flush with rim. Hard; lt red; gray core; few med white grits. D. ca. 200 mm. (45, 47).

**1405** X12, x60. Rim and handle fragment. Hard; red brown, dull red brown interior, lt gray core between two lt brown ones; fine white grits; burnished horizontally. (45, 47).

**1406** Q18X, II, x20. Sandy; buff; small and med flint grits. Rims: I-1; Sub I-1; misc. 2, II-1. (45).

**1407** R. 219, R17, II, x7. Rim fragment; pierced suspension handle attached. Hard, sandy; lt red; very many very fine white grits; wet-smoothed. D. 140 mm. (45).

**1408** Z25X, x15. Rim fragment; horseshoe shaped handle. Lt brown; few med gray grits; wet-smoothed. (45).

**1409** AG16X, x8. Rim fragment; horizontal loop handle. Lt orange brown; med and fine white grits; wet-smoothed. Rims: X-1; I-4. (45).

**1410** AC13X, x21. Rim fragment and horizontal loop handle. Buff; very fine white grits. (45).

**1411** Dump X25X, x6. Rim fragment; horizontal loop handle. Hard; brown; fine white grits. (45).

**1412** T. 10, x3. Rim fragment (possibly cooking pot); horizontal loop handle. Fairly hard, sandy; red brown surface; very fine lt brown grits; wet-smoothed; ribbed; some evidence of smoke blackening out. (45, 47).

**1413** AF19, x51. Rim fragment; cup handle. Med hard; lt orange red, med brown core; very many very fine and occ. large white grits; wet-smoothed; ins. and rim show evidence of horizontal burnishing; badly weathered; ins. and rim show some buff discoloration due to firing. D. 325 mm. Rim and handle: misc. 1. (45, 47).

**1414** T. 167, X22, x1. Hard; lt orange brown; many fine and some small white grits; wet-smoothed. D. ca. 240 mm. Possibly Hellen. (45, 47).

**1415** T. 32, E. Strip, x476. Fairly soft; lt orange brown with brown core; many very fine white grits; evidence of close horizontal burnishing ins. and out.; weathered. D. ca. 150 mm. Rim and handle: I-2; Sub I-1. EI and MI. (45, 48).

**1416** Si 348, W13, II, x35. Handle incised (near base). Fairly hard; red brown; small gray grits; wet-smoothed. D. ca. 325 mm. Rim and handle: I-1; II-1. (45, 48).

**1417** Ci 119, AK22, x29. Lt red; ring burnished red



slip ins. and rim. D. 365 mm. Rim and handle: I-1; misc. 1. (45, 48).

**1418** R. 452, AF21, I, x4. Med hard; lt orange brown, core med brown; occ. fine white grits; wet-smoothed; evidence of horizontal burnishing ins. and rim; much weathered. D. ca. 200 mm. (45, 48).

**1419** Ci 162, AK22, x1. Lt red with gray core; ring burnished ins. and rim. D. 365 mm. Rim and handle: I-1. EI and MI. (45, 48).

**1420** AD24X, x6. Fairly hard; red brown, lt red brown surface; large white, small gray, fine white grits; wet-smoothed. D. ca. 260 mm. Rims: X-2. (45, 48).

**1421** R. 465, AD21, I, x5. Med hard; lt orange brown, core lt brown drab; some very fine white grits; wet-smoothed; badly weathered. D. ca. 235 mm. (45, 48).

**1422** R. 458, AE21, I, x13. Med hard; lt orange, core lt gray drab; many very fine white grits; wet-smoothed; but badly weathered. Rims: X-2. (45, 48).

**1423** M15X, x1. Buff. D. ca. 280 mm. (45, 48).

**1424** AF19, Sub floor R. 433, I, x12. Med hard; out. buff, ins. and core lt brown; many very fine and occ. small and large white grits; wet-smoothed; ins. lt orange slip-smoothed and horizontally burnished; badly weathered. D. ca. 375 mm. Rim and handle: I-1. Rim: I-1. Mainly late EI and MI. (45, 48).

#### PLATE 62

**1425** Ci 231, AF27, x22. M 966. Hard; buff near rim and ins., red brown out., few med and large and very many very fine white grits; top of rim and ins. irregularly horizontally burnished; wet-smoothed out. D. ins. rim 330 mm. Rim and handle: I-2. Rims: X-1; I-3. Bases: X-26; I-27; Sub I-3; misc. I-2, II-4. Possibly most common phase ca. 700-500 B. C. (41, 45, 48).

**1426** R. 454, AF21, I, x11. Hard; lt orange, core med brown; very many very fine white grits; wet-smoothed; weathered. D. ca. 180 mm. Rim and handle: I-1. Rim: I-1. (45, 48).

**1427** AF16, Sub floor R. 420, I, x9. M 2673. Hard; two-thirds of both surfaces lt red orange and the other one-third of both surfaces lt brown drab, core med brown; very many very fine and occ. small and large white grits; wet-smoothed; ins. horizontally burnished, tending to ring. D. ca. 390 mm. NB: wall bears three pairs of bored holes, used for repairing an older break or crack. I-1; misc. 1. Rim and handle: X-9; I-23; Sub I-4; Ci 370-3; T. 7-1. Rims: X-8; I-22; Sub I-4; Ci 363-1. Bases: X-13; I-37; Sub I-3; II-3; misc. I-3, II-3; Cis 285-2, 320-1, 368-1. Possibly most common phase ca. 700-500 B. C. (38, 39, 41, 45, 48, 49, 58).

**1428** R. 441a, AG19, I, x54. Med hard; out. lt brown orange, ins. lt red orange, core lt yellow brown; very fine white grits; wet-smoothed; ins. horizontally burnished. D. ca. 430 mm. Rim and handle: X-1; I-6. Rims: X-6; I-9; Sub I-1; Ci 368-1. Bases: X-2; I-5. See S 1427. (41, 45, 48, 49).

**1429** Ci 176, N17, baskets 10-17, x17. M 1016. Hard; red; few med white grits; burnished horizontally ins. and on rim. D. 245 mm. Rim and handle: X-4; I-17; misc. I-3; Cis 320-1, 325-1, 370-1. Rims: I-1; misc. I-1. Bases: X-14; I-40; Sub I-3; II-1; misc. I-2; Cis 361-1, 370-1. See S 1427. (41, 45, 48, 49).

**1430** Ci 159, AJ20, x69. Red. D. 260 mm. Rim and handle: I-1. (45, 48).

**1431** R. 418, AG18, I, x25. Hard; lt orange, lt orange brown core; very many very fine and occ. med white grits;

wet-smoothed; horizontal burnishing ins. and rim. D. ca. 280 mm. Rim and handle: I-4; Sub I-1; II-1; Ci 369-1. Possibly most common phase ca. 700-500 B. C. (45, 48).

**1432** Ci 231, AF27, x9. M 958. Fairly hard, sandy; buff; many med white grits and quite a few fairly large pebbles; out. quite smooth but ins. much pitted, possibly due to weathering. D. from rim to rim 265 mm. Rim and handle: X-3; I-1. Rim. misc. I-1. Bases: X-2; misc. 1. See S 1431. (45, 48).

**1433** Ci 176, N17, baskets 19-23, x25. Hard; orange red with gray core in places; few med white grits; ins. and portion of rim ring burnished. D. ca. 400 mm. Rim and handle: X-1; misc. 1. Bases: X-4; I-7; Sub I-2; misc. I-1; Ci 370-1. See S 1431. (45, 48).

**1434** T. 32, S. Strip, x496. M 2128. Soft; lt brown; small gray, med and fine white grits; wet-smoothed; weathered. D. 410 mm. Rim and handle: I-1. Rims: misc. 2. Bases: X-1; I-5; II-1; misc. II-1. Possibly late EI and early MI. Pl. 33: 15. (45, 48).

**1435** AF18, Sub R. 430, I, x15. Med hard; out. mottled lt brown and lt gray drab, ins. med brown drab, core lt brown; very many very fine white grits; wet-smoothed; smoke blackened; ins. possibly horizontally burnished. D. ca. 330 mm. Rim and handle: T. 32-2; Ci 176-1. Rim: I-1. (45, 48).

#### PLATE 63

**1436** Ci 231, AE27, x21. Hard, sandy; lt red surface, drab underneath; few med and large white and dk grits; out. hand-smoothed, ins. quite rough probably due to weathering. D. ca. 350 mm. Rim and handle: I-2; misc. 1. Rims: X-3; I-3; misc. II-3; Si 348-1. Bases: X-6; I-11; Sub I-2; II-1. Mainly MI (?). (45, 48).

**1437** Bin 384, AF17, I, x10. Med hard; out. lt brown drab, ins. and core of lt orange brown; very many very fine and some small and large white grits; wet-smoothed. D. ca. 420 mm. Rim: I-1. (45, 48).

**1438** AD17, x24. Med hard; lt brown; very many very fine white grits; some evidence of burnishing on both surfaces, but weathered. D. ca. 370 mm. Rim and handle: misc. 1. Bases: I-2; Sub I-1. (45, 48).

**1439** Ci 159, AJ20, x57. M 480. Four handles. Very hard, out. sandy; mottled buff, drab and lt orange red; very many very fine and some small and med white grits; ins. and rim has irregular and lt ring burnishing. D. 390 mm. Rim and handle: Sub I-3. Rims: X-1; II-1. Bases: X-8; I-13; Sub I-2; misc. 2, II-1; Ci 363-1. Mainly MI. (45, 48, 49).

**1440** R. 565, AD20, I, x3. Hard; out. lt brown, ins. lt orange, core merging; very many very fine and occ. fine white grits; wet-smoothed; ins. and rim horizontally burnished, ring burnished from rim to shoulder ins. D. ca. 350 mm.

**1441** AA13X, x30. Fairly hard, sandy; lt brown with lt red brown core; very many very fine white grits; wet-smoothed; weathered interior. D. ca. 240 mm. Rims: X-1; I-2. (50).

**1442** R. 292, S14, I, x8. Rim, wall, and leg fragment. Buff with gray core; med white grits. D. ca. 250 mm. Rims: X-2; I-6; Sub I-2; misc. 1. (50).

**1443** AB19X, x15. Hard; black, with gray brown core; very many very fine white grits; evidence of horizontal burnishing ins. D. 190 mm. Rim: I-1. (50).

**1444** AD25X, x3. Fragment, three or four legs originally. Hard, sandy; lt brown; small white grits. D. ca. 150 mm. (50).

**1445** AG18, Sub floor R. 415, I, x7. Base fragment

of handmade bowl. Hard; lt brown drab, core med gray drab; many very fine and occ. small and large white grits; wet-smoothed. D. of disc base *ca.* 170 mm.

**1446** R. 337, Z23, I, x23. Very hard; brown with drab core; fine white grits; wet-smoothed. D. *ca.* 140 mm. Bases: X-4; I-4; Sub I-1; misc. I-1.

**1447** V13X, x5. Hard; lt orange red surface, reddish brown core; fine white grits; wet-smoothed; horizontally burnished ins. D. of base *ca.* 60 mm. Bases: I-1; misc. I-2, II-2; Ci 320-1.

**1448** Dump from AF19 Sub floor of I, x6. Med hard; out. lt brown, ins. med brown, core merging; very many very fine white grits; wet-smoothed; ins. possibly burnished, but weathered. Possibly late MI and LI. (43).

**1449** R. 415, AG18, I, x23. Med hard; lt yellow orange mottled with grayish black over grayish brown core; many large white grits; wet-smoothed; ware has evidently been burned. D. *ca.* 135 mm. (43).

**1450** AE20X, x31. Med hard; out. lt brown drab, ins. lt brown orange, core med brown; many very fine white grits; ins. shows faint evidence of horizontal burnishing; badly weathered. D. *ca.* 90 mm. Base: X-2; I-1.

**1451** AC16X, x17. Med hard; out. lt orange, ins. med red orange, core med brown drab; many white grits of various sizes; wet-smoothed; ins. burnished horizontally. D. *ca.* 100 mm. Bases: X-3; I-2; T. 54-1. Mainly LI(?).

**1452** AA26X, Revetment below base, x9. Hard, paste-like; red brown; few fine white grits; wet-smoothed; impressed design (bird?) on base; polished interior. D. *ca.* 85 mm. Base: T. 22-1.

**1453** Dump, T25 and V 24, 25, x1. Fairly hard, paste; brown; black highly polished slip both ins. and out. D. *ca.* 80 mm.

**1454** Dump, Z25X, 26X, x10. Hard; red brown; med gray and white grits; wet-smoothed; triangular impressions ins. D. *ca.* 140 mm. Bases: X-2. (50).

**1455** T. 32, E Strip, x13. Base fragment. Soft; lt orange brown; few small white grits; closely burnished red slip on both surfaces. D. *ca.* 70 mm.

**1456** R. 392, AA14, I, x17. Hard; brown with dk gray core; very fine white grits; wet-smoothed; burnished back and forth ins. D. *ca.* 125 mm. Bases: X-1; misc. 1.

**1457** Ci 173, P17, x18. M 905. Hard, sandy; buff to lt orange brown; very many very fine white grits; wet-smoothed. D. 285 mm. (51).

#### PLATE 64

**1458** R. 506, AE17, I, x20. Med hard; lt brown; very many very fine white grits; wet-smoothed; slight evidence of horizontal burnishing ins.; very badly weathered. Rim: I-1. (45, 51).

**1459** R. 416, AG18, I, x20. Med hard; lt yellowish orange over rim core of lt yellowish brown and base core of lt reddish orange; very many very fine, many small and med, and occ. large white grits; wet-smoothed out., but badly weathered, grits appearing on surface. D. *ca.* 160 mm. (51).

**1460** Ci 183, P18, basket 25, x177. M 909. Hard, sandy; buff; very many very fine and some small white grits; wet-smoothed. H. 170-173 mm. Rim: I-1. (51).

**1461** Z26X, x9. Hard; brown, lt brown surface; fine white grits; wet-smoothed. D. *ca.* 275 mm. (51).

**1462** Si 314A, X13, II, x1. Very hard; dull lt red brown with dk brown core; very many very fine white, and few med gray grits; wet-smoothed. D. *ca.* 260 mm. Rims: I-1; misc. II-1. (51).

**1463** R. 500, AE16, I, x11. Hard; lt red orange, core med brown; occ. very fine white grits; wet-smoothed. D. *ca.* 180 mm. (51).

**1464** R. 291, S14, I, x7. Very hard; lt orange red surface, gray core; many fine white grits. D. *ca.* 300 mm. Rims: I-1; Si 348-1. (51).

**1465** V21, x4. Fairly hard; lt red brown; med gray, fine white grits; wet-smoothed. D. *ca.* 250 mm. Rims: X-1; I-2. (51).

**1466** Si 305, X13, II, x1. Hard; dull brown with gray core; large dk gray grits, large fine white grits; wet-smoothed. Rims: I-1; T. 32-1. (51).

**1467** R. 405, AF17, I, x10. Lt brown, core med brown; many very fine white grits; evidence of horizontal burnishing. D. *ca.* 375 mm. (51).

**1468** AD25X, II, x2. Sandy; orange brown; rim and out. covered with white slip over which decorations in orange red and brown were painted, top of rim painted. Rim: misc. 1. Within 1150-1000 B. C. (51).

**1469** Si 116, AL22, x2. M 277. Lt brown; yellowish cream slip, black and dk red decoration. D. *ca.* 330 mm. Rims: X-1; I-2; Sub I-2. See S 1468. (51).

**1470** AH26X, II, x15. Hard; orange buff; gray core; brown red and black painted decoration, top part of rim has brown-red painted band *ca.* 9 mm. wide. D. *ca.* 360 mm. Rim: II-1. See S 1468. (51).

#### 4. CRATERS—SERIAL NUMBERS 1471-1539

**1471** T. 32, S. Strip, x505. Very soft; lt brown with lt gray core; large, fine white grits; wet-smoothed. H. 280 mm. Major phase apparently EI. (57, 59).

**1472** T. 32, x497. Fairly hard; lt red brown with lt brown core; very fine white grits; wet-smoothed. H. 235 mm. Rim: T. 32-1. Major range LB and EI. (57, 59).

#### PLATE 65

**1473** T. 32, N. Strip, x498. M 2129. Fairly soft; brown, lt brown surface; many very fine white grits; wet-smoothed. H. 210 mm. See S 1472. Pl. 33: 16. (57, 59).

**1474** T. 32, S. Strip, W. Cemetery, x500. M 2130. Hard; dull red brown with gray core; very many very fine white grits; wet-smoothed. D. 320 mm. Rims: X-2; I-6. Major phase apparently EI. Pl. 33: 17. (57, 59).

**1475** T. 54, x180. Hard; med brown orange, core med gray drab; many very fine and some small and large white grits; wet-smoothed; surfaces very badly weathered and pitted. D. *ca.* 225 mm. Rim and handle: T. 32-1. Rims: X-1; I-1. Base: I-1. See S 1474. (57, 59).

**1476** T. 54, x181. Hard; out. mottled buff and lt brown drab, ins. med brown drab, core lt gray; very many very fine white grits, some small and large white grits; wet-smoothed; probable evidence of lt greenish cream slip-smoothing, but very badly weathered and pitted. D. *ca.* 285 mm. Rim and handle: X-1; T. 54-2. Rims: I-2; Sub I-1. See S 1472. (57, 59).

**1477** AE18, Sub floor R. 512, I, x5. Hard; lt brown; very many very fine and occ. fine and small white grits; wet-smoothed. (57, 59).

**1478** T. 32, Center, x506. Fairly hard; lt red brown; gray core; many very fine white grits; wet-smoothed. D. *ca.* 280 mm. Rim and handle: T. 32-1. See S 1474. (57, 59).

**1479** AB25, 26, Sub R. 221, I, x8. Fairly soft, crumbly; lt brown surface, gray core; very fine brown grits; wet-smoothed; weathered. D. *ca.* 235 mm. Rim and handle: I-1. Rim: I-1. (57, 59).

**1480** Si 139, AK22, x1. M 442. Portion of wheel-made crater with 8 handles. Med orange brown with gray core; small to large white and gray grits; wet-smoothed. D. 290 mm. Rims: I-2; Sub I-1. See S 1474. (57, 59).

**1481** T. 54, x183. Fairly soft; lt orange, core med gray drab; very many very fine and occ. small white grits; wet-smoothed; weathered. D. ca. 295 mm. Rim and handle: X-1; I-1. Rims: I-1; Sub I-1. (57, 59).

**1482** R. 632, AA19, I, x3. Med hard; lt orange; core with many very fine white grits; wet-smoothed; weathered. Rim and handle: X-1. (57, 59).

**1483** Ci 285, P22, baskets 91-94, x109. Fairly hard; gray; very many very fine white grits; wet-smoothed. D. ca. 320 mm. (59).

**1484** AE18X, x6. Med hard; lt red brown, core med brown; very many very fine and occ. small and large white grits; wet-smoothed. D. ca. 350 mm. Rims: I-2; misc. 2. (59).

**1485** Street 293, S13, I, x24. Lt brown, gray core; very small silicate grits; wet-smoothed. (59).

**1486** R. 489, X17, I, x3. Med hard; lt orange brown, core lt brown; many very fine white grits; wet-smoothed. D. ca. 205 mm. (59).

**1487** R. 393, AA14, I, x2. Fairly hard; lt red brown; very fine white grits; wet-smoothed. D. ca. 180 mm. Mainly rims: X-9; I-15; Sub I-1. At TN major phase ca. 700-500 B. C. (60).

#### PLATE 66

**1488** Ci 369, AF20, I, baskets 10-16, x90. Med hard; out. lt brown, ins. lt orange brown, core lt brown; many very fine white grits; wet-smoothed. D. ca. 275 mm. Rim and handle: X-1; I-1. Rims: X-3; I-2. See S 1487. (60).

**1489** AC16X, x4. Med hard; buff with core of lt brown drab; very many very fine white grits; wet-smoothed; weathered. D. ca. 180 mm. (60).

**1490** R. 174, N17, I, x4. Sandy; buff; few med white grits. D. ca. 210 mm. (60).

**1491** R. 247, R 14, I, x1. Rim fragment with stub of handle which ran across mouth. Sandy; orange with brown core; few med white grits; rim and out. covered with white slip. (60).

**1492** Dump from AF19X, x2. Med hard; lt gray brown; very many very fine and occ. small, large, and extra large white grits; wet-smoothed; badly weathered. D. ca. 325 mm. (60).

**1493** Ca 193, AG28, Si C, x32. M 934. Very hard, sandy; most of out. red to lt red, remainder drab, ins. and core drab (probably irregular firing); few med and many very fine white grits; wet-smoothed. H. 323 mm. Possibly LB, EI, and even later. (60).

**1494** X25, x32. Hard, crumbly; red brown with brown core; large and small white grits. D. ca. 200 mm. Rim: Ci 176-1. (61).

**1495** Si 224, Q16, basket 6, x2. Hard; lt red with dk gray core; incised and impressed decoration. Possibly mainly LI. (61).

**1496** Q16X, x5. Red; small white grits; triangular impressions. D. ca. 260 mm. See S 1495. (61).

**1497** AE20X, x15. Med hard; lt brown, core lt red orange; many very fine white grits; wet-smoothed; triangular impressions. D. ca. 210 mm. Rims: X-1; misc. 3. See S 1495. (61).

**1498** AE20X, x16. Med hard; buff, core lt gray brown; many very fine white grits; wet-smoothed; weathered, but some evidence of burnishing. D. ca. 200 mm. Rims: X-1; I-1. See S 1495. (61).

**1499** Ci 176, N17, baskets 113-117, x107. Hard; orange red; vertically burnished below rim out.; two brown painted lines 6 mm. below rim, 4 mm. wide and 3 mm. apart on out. D. ca. 100 mm. (61).

**1500** W12, Sub R. 301, I, x11. Rim fragment, wheel-made (?). Fairly hard; lt orange brown with black core; med and small silicate grits; wet-smoothed; applied plastic band (ending with small knob) on rim. D. ca. 190 mm. Rims: X-1; I-1. (61).

**1501** Ca 193A, AG28, Hole A, basket 2, x10. Hard; red; many med white grits; finger impression on top of handle near attachment. (61).

**1502** R. 352, V13, I, x2. Very hard; lt red brown with brown core; small and fine white grits; wet-smoothed. D. ca. 210 mm. Rims: X-1; I-1. (61).

**1503** Near Burg, x3. Red with brown core; burnished. D. ca. 280 mm. (61).

**1504** X25, x28. Hard; lt red brown with thin brown core; fine white grits; wet-smoothed; incised. D. ca. 200 mm. (61).

**1505** N18, II, x8. Coarse, porous ins.; buff, gray core; many med white and gray grits. D. of mouth ca. 90 mm. (61).

**1506** Dump AB26, E. of Revetment, x3. Rim and "two-vertical-loop strand" handle fragment. Hard; brown, dk gray core; small gray, very fine white grits; rim scraped with a blunt instrument. (61).

**1507** Ca 193, AG28, basket 6, x11. Wheelmade (?). Very hard, sandy; brown. D. ca. 360 mm. (61).

**1508** Rs. 405-406, AF17, I, from house walls between rooms, x8. Hard; out. lt brown, ins. lt brown orange, core med brown drab; many very fine white grits; wet-smoothed. D. ca. 185 mm. Rims: X-1; I-7; II-1. Possibly mainly LI. (62).

**1509** R. 271, S23, I, x4. Hard; lt brown with red brown core; fine white grits; wet-smoothed; rim ring burnished. D. ca. 180 mm. Rims: X-1; I-3. See S 1508. (62).

#### PLATE 67

**1510** AD19X, x29. Hard; lt orange brown; very many very fine and occ. fine white grits; wet-smoothed; circular and triangular impressions. D. ca. 250 mm. Rim and handle: X-1. Rims: X-1; I-4. See S 1508. (62).

**1511** R. 463, AE20, I, x44. Med hard; lt orange brown; very many very fine and occ. small and large white grits; wet-smoothed; weathered; triangular impressions, top of rim burnished. D. ca. 225 mm. Rims: X-7; I-4; misc. 1. See S 1508. (62).

**1512** Y17X, x7. Med hard; lt brown; many very fine white grits; wet-smoothed. D. ca. 225 mm. Rims: X-2; I-4; misc. 3. See S 1508. (62).

**1513** AA18X, x20. Med hard; lt brown drab, core med brown drab; many very fine white grits; wet-smoothed; weathered and out. slightly smoke blackened. D. ca. 170 mm. Rims: X-6; I-4; Sub I-1. See S 1508. (62).

**1514** R. 470, Y19, I, x11. Hard; buff, core lt brown; many very fine and occ. small white grits; triangular impression on band; top of rim and below band out. closely burnished. D. ca. 200 mm. Rims: X-2; I-3; Sub I-1; misc. 1. See S 1508. (62).

**1515** AF20X, x32. Med hard; lt orange, lt brown gray core; very fine and small white and small gray grits; wet-smoothed; round and triangular impression decoration on neck which caused slightly elevated surfaces ins. D. ca. 170 mm. Rims: X-2; I-3; II-1. See S 1508. (62).

**1516** AH20X, x12. Reddish with gray core; slightly

ring burnished, black painted decoration. D. 220 mm. Rims: X-1; I-1; Cis 191-1, 304-2. See S 1508. (62 and note 107).

**1517** X25, x7a. Hard; lt red brown; very fine white grits; wet-smoothed. D. ca. 250 mm. Rims: X-1; I-4. See S 1508. (62).

**1518** R. 418, AG18, x36. Hard; lt red orange over lt brown core; an occ. very fine and large white grit; horizontally burnished out. D. ca. 200 mm. Rims: X-2; I-1; misc. 1. See S 1508. (62).

**1519** R. 522, AE19, I, x30. Med hard; out. lt orange brown ins. lt orange red, core lt brown; very many very fine white grits; wet-smoothed. D. ca. 255 mm. Rims: X-2; I-2. See S 1508. (62).

**1520** AA23X, x12. Fairly hard; lt orange brown; many very fine white grits; wet-smoothed; triangular impressions below rim. D. ca. 330 mm. See S 1508. (62).

**1521** AD19X, x30. Hard; out. med brown, ins. lt brown, core merging; many fine white grits; wet-smoothed; triangular impressions as shown. D. ca. 225 mm. Rims: X-1; II-1. See S 1508. (62).

**1522** R. 401, AG17, I, x6. Med hard; lt brown over gray brown core; many fine white grits; wet-smoothed. D. ca. 185 mm. Rims: X-1; I-1. See S 1508. (62).

**1523** AB26X, x4. Fairly hard; dk brown core, lt brown surface; fine white and occ. med white and red brown grits; wet-smoothed. (62).

**1524** R. 440, AF19, I, x27. Hard; lt brown over core of lt gray; very many very fine white grits; wet-smoothed. D. ca. 260 mm. Rim: I-1. (62).

**1525** R. 273, T23, I, x5. Fairly hard; lt red brown; fine white grits; wet-smoothed. D. ca. 200 mm. Rim and handle: X-1; misc. 1. Rims: X-1; I-3. Handles: I-2; misc. 2. See S 1508. (62).

**1526** Ci 127, AK21, x16. Incised cross on side. Lt red with gray core. D. 150 mm. (62).

**1527** Dump from Z19X, x1. Med hard; out. lt orange, ins. lt gray brown, core lt brown drab; an occ. very fine white grit; wet-smoothed; weathered. D. ca. 150 mm. Rims: X-2; I-4. (62).

**1528** T. 167, X22, x7. Red with lt yellowish surface, gray core. D. ca. 200 mm. (62).

**1529** Si 295B, V13, II, x14. Hard; brown; few med white, many very fine white grits; wet-smoothed; fire blackened. D. ca. 270 mm. Possibly mainly EI. (63).

**1530** Ci 163, AJ21, x32. M 518. Lt red; ring burnished. H. 265 mm. Rims: X-12; I-17; Sub I-3. Bases: X-1; I-1. Major phase possibly ca. 700-500 B.C. (63).

#### PLATE 68

**1531** Ci 165, AH20, x21. M 585. Hard; mottled buff and lt orange out., lt brown ins.; many very fine and some small and med white grits; rim and out. irregularly horizontally burnished tending to ring. H. 225 mm. Rims: X-6; I-6; Ci 285-1. See S 1530. (63).

**1532** R. 426, AF18, I, x24. Hard; lt orange over med brown core; very many very fine white grits; wet-smoothed; evidence of horizontal ring burnishing on inner surface of rim. D. ca. 250 mm. Rim: I-1. (64).

**1533** W. Cemetery, N. E. of T. 17, x1. Fairly hard; lt orange brown; fine white grits; wet-smoothed. D. ca. 200 mm. (64).

**1534** AB17X, x24. Med hard; med yellow orange, core dk red brown; occ. very fine and large white grits; wet-smoothed; weathered. D. ca. 170 mm. Rims: X-2; I-3. (64).

**1535** AC17X, x15. Med hard; med orange, core med brown; very fine white grits; wet-smoothed; out. horizontally ring burnished. D. ca. 205 mm. Rims: X-2. (64).

**1536** T. 167, X22, x35. Reddish. D. 260 mm. (64).

**1537** R24X, x21. Hard; lt red brown; many fine white grits; wet-smoothed. D. ca. 340 mm. Rim and handle: I-2. (64).

**1538** R. 425, AG18, I, x14. Med hard; out. lt orange brown, ins. lt brown orange, lt orange brown core; many fine and small white grits; wet-smoothed; possibly thumb prints on outer surface. L. ca. 60 mm. (64).

**1539** Ci 370, AF19, I, baskets 21-32, x108. Hard; out. mottled lt orange and lt brown, ins. lt yellow orange, core lt orange; many very fine white grits; wet-smoothed; out. vertically burnished. D. 85 mm. Bases: I-2. (64).

#### 5. PLATES—SERIAL NUMBERS 1540-1567

**1540** Si 295B, V13, II, x11. Horizontal loop handle. Hard; red brown with brown core; med and fine white and gray grits; wet-smoothed; red slip ins. and some evidence of horizontal burnishing, two incised concentric circles about 35 mm. from rim out. which enclose impressions made by a rounded blunt instrument. D. 240 mm. (69).

**1541** AC14X, x28. Hard; mottled buff and lt orange brown, lt orange red beneath with brown core when present; very many very fine and fine white grits; wet-smoothed. (69).

**1542** AG19, Sub floor R. 418, I, x14. Baking plate. Hard; med red over core of black; occ. small and large white grits and very many fine and small scintillating particles; wet-smoothed; many oval impressions on lower surface; smoke blackened. D. 280 mm. Rim: misc. 1. Major range possibly LB into LI. (69).

**1543** AF26X, II, x4. On rim at fracture there is a thickening which might have been repair work. Red brown with brown core; small white grits; two incised concentric circles surrounding small rounded impressions in center of base. Rims: X-2. Major range possibly EI into LI. (69).

**1544** Ci 358, AE17, I, baskets 1-2, x11. Med hard; out. dk red brown, ins. med brown, core quickly merging; many very fine white grits and very fine scintillating particles; wet-smoothed; small round impression out., smoke blackened ins. (69).

**1545** R. 360, T14, I, x19. Hard; dk red brown base surface, red brown top surface, dk brown gray core; med and fine white and silicate grits; wet-smoothed; rounded impressions in center area of base within incised circle 35 mm. from rim; slight evidence of both surfaces being smoked. D. ca. 300 mm. Rim: Ci 176-1. See S 1542. (69).

**1546** Bin 384, AF17, I, x13. Med hard; out. lt red brown, ins. core dk brown drab; some very fine white grits and many fine scintillating particles; ins. burnished; both surfaces smoke blackened. (69).

**1547** R. 228, AB25, x1. Red; heavily burnished; black painted lines on both surfaces; two concentric lines at lowest part out., decoration on upper edge of rim. (69).

**1548** Si 295C, V13, II, x35. M 1810. Hard; lt orange red; many very fine and fine white grits; wet-smoothed. D. 180 mm. T. 3-1. Rims: I-2; Si 295C-1. Base: X-1. MI and into LI. (70).

**1549** R. 616, AB16, I, x40. Med hard; lt red orange, core lt brown drab; occ. very fine and fine white and gray grits; wet-smoothed; weathered. D. ca. 180 mm. Rims: I-4; Ci 370-1. Base: Ci 304-1. LB into LI. (70).

**1550** R. 96, x3. Red; ring burnished ins. D. 170 mm. Sub I-1. Rims: X-1; I-1; Ci 370-1. MI and LI. (70).

**1551** R. 498, AE16, I, x18. Med hard; lt red orange, core lt brown gray; some very fine and occ. small white grits; ins. closely horizontally burnished, out. tending to ring. D. ca. 315 mm. Rims: X-4; I-1; Ci 176-1. MI and LI. (70).

**1552** Si 313, X13, II, x3. Fairly hard; lt red orange with lt brown core; small white and gray grits; wet-smoothed; ring burnished (very regular) ins. D. ca. 140 mm. Rims: X-1; I-4; Ci 320. MI and LI. (70).

**1553** Ci 220, Q17, x26. Hard; red; ring burnished ins. D. ca. 160 mm. (70).

**1554** T. 10, x2. Hard; lt orange; some small brown and fine white grits; wet-smoothed; closely horizontally burnished ins. and rim. D. ca. 290 mm. Rim: X-1. (70).

**1555** Ci 371, AG20, I, baskets 1-4, x8. Med hard; med red orange, core lt brown drab; many very fine and occ. small white grits; wet-smoothed; ins. horizontally burnished. D. ca. 160 mm. Rims: X-2. MI and LI. (70).

**1556** Ci 363, AB16, I, x75. Med hard; lt orange red, core lt yellow brown; some very fine and occ. fine white grits; wet-smoothed; ins. horizontally ring burnished (very regular). D. ca. 150 mm. Rims: X-2; I-2; Ci 369-1. MI and LI. (70).

**1557** AB16, Sub floor R. 616, I, x8. Med hard; lt brown; very many very fine white grits; wet-smoothed; weathered. D. ca. 185 mm. (70).

**1558** Ci 119, AK22, x27. Reddish; red wash ins. D. 160 mm. (70).

**1559** Ci 163, AJ21, x28. M 515. Hard; lt orange brown; some small white and gray grits; wet-smoothed; very regular horizontal ring burnishing ins. D. 150 mm.

Misc. 1; Ci 320-1. Rims: X-5; I-2; misc. 2. MI and LI. (70).

**1560** AE18, Sub floor R. 512, x8. Med hard; lt brown orange; occ. very fine white grits; wet-smoothed; red (hematite) slip and horizontally burnished tending to ring ins. D. ca. 145 mm. Rims: X-3; I-3; Sub I-2; misc. 1, II-2. EI into LI. (70).

**1561** R. 443, AG19, I, x40. Hard; lt red orange, core of lt brown; many very fine white grits; wet-smoothed. D. ca. 175 mm. I-1; Sub I-1. Rims: X-4; I-7; Sub I-1; misc. 1; Ci 370-1; T. 13-1. Base: X-1. MI and LI. (70).

**1562** T22, under floating wall, x3. Hard; lt brown surface, brown ins. and rim; many very fine white grits; wet-smoothed; horizontally burnished ins. and rim. D. ca. 280 mm. Rims: X-3. (70).

**1563** T. 19, x4. Fairly hard; red brown; small white grits; horizontally burnished rim and ins. D. ca. 250 mm. Rim: X-1. (70).

**1564** Ci 231, AF27, x27. Buff; entire surface except on bottom ins. of base covered with red (hematite) slip, burnished and polished. D. ca. 257 mm. Rim: Sub I-1. (77).

**1565** Ci 231, AF27, x28. Buff; red (hematite) slip; entire surface burnished and polished except on bottom ins. of high ring base. H. ca. 47 mm. (71).

**1566** R. 415, AG18, I, x19. Hard; out. lt gray brown, ins. lt reddish orange, gray core; med sized white grits; ware of well sifted clay; slip-smoothed; burnishing rings on both surfaces of rim. D. ca. 175 mm. Rims: X-1; I-2. MI and LI.

**1567** S. of Burg, (Roman tower on top of mound[?]), x1. Lt red with drab core; polished. D. ca. 220 mm. Misc. 1. Possibly mainly Hellenistic. (71).

## CHAPTER IV

### 1. CHALICES—SERIAL NUMBERS 1568-1592

#### PLATE 69

**1568** Ca 193C, AG28, x36. M 948. Chalice (?), handmade; evidence of base attachment. Fairly hard, coarse; lt orange brown; some small and med white grits. D. 70 mm. Rim: X-1. (4).

**1569** T. 32, E. Strip, x6. Four handles; half of upper part missing. Fairly hard; lt orange with surfaces weathered to lt orange brown; fine white grits; wet-smoothed; impressed design perhaps with a roller instrument; weathered. H. 73 mm. Pl. 34: 1. (4, 7, 9, 10).

**1570** R. 450, AG20, I, x11. M 2457. Med hard; lt brown, core lt brown drab; wet-smoothed; weathered. H. 54 mm.+ (4, 10).

**1571** T. 32, E. Strip, x356. Fairly soft; lt red with lt orange brown surface; med dk gray and very many very fine white grits; wet-smoothed; badly weathered; alternate red and brown painted bands. H. 170 mm. Body: I-1; Sub I-1; misc. II-1; Ts. 32-1, 54-1. Bases: II-1; T. 54-1. Major phase apparently EI. Pl. 34: 2. (7).

**1572** T. 32, E. Strip, x543. M 2172. Fairly soft; lt red orange; very many very fine and some large white grits; surface possibly burnished, but weathered and pitted. H. 183 mm. Body: Sub I-1. See S 1571. Pl. 34: 3. (7).

**1573** T. 32, S. Strip, x545. M 2174. Fairly soft; buff; med and small white grits; wet-smoothed; red brown painted bands. H. 185 mm. Body: T. 54-1. Bases: Sub I-1; T. 5-1. See S 1571. (7).

**1574** T. 32, N. Strip, x306. M 2173. Soft; lt brown; some small brown and small to large white grits; wet-smoothed; somewhat weathered and pitted. H. 205 mm. Body: T. 54-3. Base: I-1. Pl. 34: 4. See S 1571. (7).

**1575** T. 32, N. Strip, x546. M 2175. Soft; mottled lt brown and lt orange brown; many small and fine white grits and some large gray grits; wet-smoothed; weathered and pitted. H. 207 mm. Body: Si 348-1. See S 1571. Pl. 34: 5. (5, 7).

**1576** AF18, Sub floor R. 429, I, x12. Med hard; out. lt orange brown, ins. med gray, core merging; many very fine and occ. small white grits; wet-smoothed; out. irregularly burnished. H. 133 mm.+ Body: X-1; I-1. Base: Misc. 1. EI and MI. (8).

**1577** AH26, I, x4. M 802. Fairly hard, coarse; mottled buff and lt orange brown; very many fine and many small to large white grits; wet-smoothed. H. 166 mm. Body: X-2; I-1. Base: I-1. EI and MI. (8).

**1578** R. 651, AA17, I, x4. Med hard; lt brown drab, core lt brown; very many very fine and occ. small and large white grits; wet-smoothed; badly weathered. D. ca. 165 mm. Rim: I-1.

**1579** R. 463, AE20, I, x5. Hard; lt orange brown, core med brown; very many very fine and occ. small white grits; wet-smoothed. D. ca. 190 mm. (6).

**1580** T. 54, x217. Med hard; lt brown drab; many very fine white grits; wet-smoothed; surfaces very badly weathered. H. 220 mm. Body: X-1. Bases: X-1; I-1; T. 54-1. See S 1571. (6, 7).

**1581** T. 32, S. Strip, x548. M 2176. Soft; lt brown; small dk gray very fine white grits; wet-smoothed; painted red brown design. H. 242 mm.+ EI-MI (?). (5, 6, 7).

**1582** T. 54, x221. Med hard; lt orange brown; very many very fine white grits; wet-smoothed; surfaces very badly weathered. D. ca. 185 mm. See S 1571. (6, 7).

**1583** Bin 384, AF17, I, x9. Med hard; lt red orange; very many very fine and occ. small and large white grits; wet-smoothed. D. ca. 180 mm. Apparently EI and early MI. (5).

**1584** T. 32, N. Strip, x544. Soft; lt red brown with lt brown core; fine dk gray and white grits; wet-smoothed; horizontally burnished ins. H. 158 mm.+ See S 1583. Pl. 34: 6. (5, 7).

**1585** Rs. 414-422, AG18, I, from house wall between walls, x2. Med hard; out. lt brown, ins. lt red orange, core lt brown drab; very many very fine white grits; wet-smoothed; weathered. D. ca. 180 mm. See S 1583. (5).

**1586** AF19, Sub floor R. 442, I, x6. Hard; lt brown, core lt gray drab; a few very fine white grits; red slip, irregularly burnished horizontally; weathered. D. ca. 200 mm. Rim: Sub I-1. Apparently mainly EI-MI. (5, 6, 10).

**1587** AC17, Under floor R. 608, I, x12. Base fragment of wheelmade chalice (?). Med hard; lt orange brown; very many very fine white grits; wet-smoothed; out. ring burnished horizontally and bears brown painted bands. D. ca. 145 mm. (5).

**1588** R. 291, S14, I, x10. Soft; reddish brown surface, brown core; med and small gray grits. H. 78 mm.+ Base: I-1. (5).

**1589** R. 288, AB28, I, x4. Very hard; red brown with dk gray core; small and fine dk gray and white grits; wet-smoothed. D. ca. 210 mm. Base: I-1.

**1590** R. 426, AF18, I, x8. Very hard; lt orange and core of med brown; very many very fine and occ. large white grits; wet-smoothed. D. ca. 175 mm.

**1591** Dump from S12, 13, 14, T13, 14, V12, 13, x10. Orange brown with drab core; very small white grits; wet-smoothed. D. ca. 200 mm.

**1592** T. 5, x262. Sandy; lt brown; very many very fine and some small to large white grits; weathered. H. 80 mm.+ (5, 7).

### 2. LAMPS—SERIAL NUMBERS 1593-1646

#### PLATE 70

**1593** R. 132, P15, I, x3. M 668. Handmade. Med hard; part of surface lt orange brown, remainder of ware gray; small and med white grits; wet-smoothed, spout smoked. D. 105 mm. (14).

**1594** T. 32, Center, x535. M 2167. Fairly hard; buff; small and very fine and some large white grits; wet-smoothed; weathered and pitted; smoked spout. L. 141 mm. Mainly LB and EI. (14, 15).

**1595** T. 32, E. Strip, x522. M 2143. Soft; brown; small and fine white grits; wet-smoothed; smoked spout. L. 150 mm. T. 32-1. Portion: T. 32-1. See S 1594. (14).

**1596** T. 32, x539. M 2171. Hard; lt brown; large, small, and very fine white and gray grits; wet-smoothed; smoked spout; weathered and pitted. L. 138 mm. See S 1594. (14).

**1597** T. 32, E. Strip, x523. M 2144. Soft; lt brown; fine and very fine white grits; wet-smoothed; smoked spout.



L. 162 mm. Ts. 32-2, 54-1. Portion: misc. 1; T. 32-1. See S 1594. (14).

**1598** T. 54, x212. M 2626. Med hard; out. lt orange brown, ins. lt brown, core med gray; very many very fine and occ. fine white grits; wet-smoothed; spout smoke blackened. D. ca. 145 mm. Portion: Ts. 32-3, 54-3. See S 1594. (14).

**1599** T. 54, x186. M 2618. Med hard; lt brown orange; many very fine and some small and large white grits; wet-smoothed; out. shows weathered evidence of lt yellow brown slip-smoothing; spout smoke blackened. D. ca. 130 mm. Portion: T. 54-3. See S 1594. (14).

**1600** T. 54, x196. M 2621. Med hard; lt orange brown with core of lt gray brown; some very fine and large white grits; wet-smoothed; weathered and pitted; spout smoke blackened. D. ca. 130 mm. T. 32-4. Portion: Ts. 32-1, 54-1. See S 1594. (14).

**1601** T. 54, x191. M 2620. Med hard; out. lt brown drab, ins. lt orange brown, core merging; very many very fine and occ. small and large white grits; wet-smoothed; spout rim smoke blackened. D. ca. 145 mm. Portion: T. 54-4. See S 1594. (14).

**1602** T. 5, x79. M 1279. Hard, sandy; buff; wet-smoothed; spout slightly smoked. L. 125 mm. Ts. 5-2, 32-4. Portion: Ts. 5-1, 32-2. See S 1594. (14).

**1603** T. 32, E. Strip, x519. M 2140. Soft; lt brown; very fine white grits; wet-smoothed; smoked spout. L. 135 mm. T. 54-1. See S 1594. (14).

**1604** T. 54, x211. Med hard; mottled lt orange brown and lt brown; very many very fine and occ. small and large white grits; wet-smoothed; surfaces weathered and pitted. L. 148 mm.+ (14).

**1605** T. 32, E. Strip, x527. M 2151. Fairly soft; lt brown; small and fine white grits; wet-smoothed; smoke spout. L. 147 mm. T. 32-5. See S 1594. (14).

**1606** T. 32, E. Strip, x517. M 2136. Hard; lt brown; med and fine white grits; wet-smoothed; smoked spout; remains of greenish cream slip; weathered. L. 147 mm. T. 32-1. Portion: T. 32-1. See S 1594. (14).

**1607** T. 29, x61. M 1781. Fairly hard; lt brown; med and fine white grits; wet-smoothed; smoked spout. L. 145 mm. See S 1594. (14).

**1608** T. 32, E. Strip, x511. M 2132. Fairly hard; lt orange brown; few med and small, many fine white grits; wet-smoothed; smoked spout. L. 143 mm. T. 32-4. Portion: T. 32-2. Possibly major phase EI. (14).

**1609** T. 32, E. Strip, x529. M 2153. Soft; orange brown with lt gray core; fine gray and white grits; wet-smoothed; smoked spout. L. 140 mm. Portion: T. 32-1. See S 1608. (14).

**1610** T. 32, S. Strip, x531. M 2159. Soft; lt brown; small and fine white grits; wet-smoothed; smoke spout. L. 133 mm. Portion: T. 32-2. See S 1608. (14, 15).

**1611** T. 32, N. Strip, x534. M 2161. Hard; lt brown with lt orange brown interior; fine white and gray grits; wet-smoothed; smoked spout. L. 170 mm. T. 32-1. (14, 15).

**1612** T. 5, x88. M 1286. Hard, sandy; lt brown; many very fine and some small and med white grits; wet-smoothed; smoked spout. D. 154 mm. Ts. 5-2, 32-3. Portion: Ts. 5-5, 32-3. See S 1608. (14, 15).

**1613** T. 32, E. Strip, x528. M 2152. Fairly hard; orange brown; small and fine white and gray grits; wet-smoothed; smoked spout. L. 120 mm. See S 1608. (14, 15).

**1614** T. 54, x184. M 2617. Med hard; med orange; some very fine white grits; wet-smoothed; spout rim smoke

blackened. L. 125 mm. T. 32-1. Portion: T. 54-1. (14, 15).

**1615** T. 5, x83. M 1282. Hard, sandy; lt brown; very many very fine and some small white grits; wet-smoothed; spout smoked; some slight evidence of red slip out.; weathered. D. 119 mm. T. 5-3. Portion: T. 5-1. (14, 15).

**1616** T. 5, x77. M 1277. Fairly soft; sandy; lt red orange; very many very fine white grits; wet-smoothed; spout not smoked; weathered. D. 130 mm. Ts. 5-1, 29-8, 54-1. Portion: Ts. 29-1, 32-4, 54-5. Possibly major phase ca. 1000-550 B. C. (14, 15).

#### PLATE 71

**1617** T. 54, x204. M 2623. Med hard; lt orange brown; very many very fine and occ. fine, small, and large white grits; wet-smoothed; weathered and pitted. L. 125 mm. T. 54-2. Portion: T. 54-4. See S 1616. (14, 15).

**1618** T. 5, x55. M 1263. Lt brown; many very fine white and some large brown and white grits; wet-smoothed; smoked spout. L. 130 mm. T. 5-13. Portion: I-2; T. 5-9; misc. 1. See S 1616. (14, 15).

**1619** T. 3, x55. M 1142. Fairly hard, sandy; lt red; somewhat weathered; spout smoked. L. 127 mm. Ts. 3-6, 5-1, 7-1. Portion: I-1; T. 3-3. See S 1616. (14, 15).

**1620** T. 5, x96. M 1289. Hard, sandy; mottled buff and lt orange brown; very many very fine white grits; wet-smoothed; smoked spout. L. 145 mm. T. 5-2. Portion: T. 5-1. (14, 15).

**1621** T. 5, x100. M 1293. Hard, sandy; buff; wet-smoothed; smoked spout. L. 127 mm. Ts. 5-12, 29-2. Portion: I-1; Ts. 5-2, 29-2; misc. 1; Ci 325-1. See S 1616. (14).

**1622** Ci 159, AJ20, x40. Brown; spout smoked. D. 130 mm. Portion: I-1; misc. 2; Ci 183-1. Mainly MI. (14).

**1623** Double Si 247, N18, basket 2, x4. M 1001. Hard, sandy; mottled brown and lt orange brown, majority brown; few med grits of white and red and very many very fine white; spout blackened. L. 127 mm. Portion: misc. 1. Late MI and early LI. (14).

**1624** Ci 231, AF27, x34. M 969. Fairly hard; red brown; some fine and small white and brown grits; wet-smoothed; spout blackened. D. ca. 135 mm. MI-LI. (14, 16).

**1625** Ci 354, AD17, baskets 1-3, x7. M 2795. Med hard; mottled lt brown and lt gray brown; very many very fine and occ. fine and small white grits; wet-smoothed; all spouts remaining (four), smoke blackened. Greatest D. 120 mm. Major phase apparently ca. 1000-600 B. C. Common phase possibly tenth cent. (14, 17).

**1626** T. 29, x54. M 1777. Fairly soft; lt orange red; med white and gray, very many very fine white grits; wet-smoothed; smoked spout. L. 143 mm. (18).

**1627** T. 3, x50. M 1139. Sandy, soft from weathering; lt orange red and lt brown; two or three large and very many very fine white grits; spout smoked. L. 148 mm. I-1; T. 3-3. Portion: T. 3-2. Common phase possibly late MI and early LI. (18).

**1628** S23X, x47. M 1695. Fairly hard; dull red brown; small and fine gray and white grits; wet-smoothed; smoked spout and rim. L. 103 mm. X-1. See S 1627. (18).

**1629** Ci 354, AD17, baskets 1-3, x8. M 2796. Med hard; med orange brown; fine and small brown and many white grits; wet-smoothed; rim shows evidence by smoke

blackening that 6 wicks have been placed and burned on rim in addition to that on smoke blackened spout; lamp was thus used similarly to 7 spouted lamps. Greatest D. 118 mm. Portion: X-1; misc. 2. See S 1627. (17 note 30, 18).

**1630** R. 663, AB16, I, x25. Med hard; med orange; some very fine and fine white grits; wet-smoothed; weathered; spout smoke blackened. D. 125 mm. Portion: misc. 1. See S 1627. (18).

**1631** R. 64, AJ20, x11. M 315. Lt red; smoked spout. D. 120 mm. Portion: misc. 1. See S 1627. (18).

**1632** Ci 183, P18, x4. M 834. Hard, buff; med and fine white grits; wet-smoothed; smoked spout. L. 113 mm. Possibly LI-Hellen. (20).

**1633** T. 54, x190. M 2619. Med hard; lt red orange; very many very fine white grits; wet-smoothed; spout smoke blackened. L. 138 mm. (19).

**1634** R. 576, AD18, I, x34. M 2788. Med hard; lt orange brown; many fine and small white grits; wet-smoothed; spout smoke blackened. L. 132 mm. (19).

**1635** Ci 368, AG19, I, baskets 14-19, x56. M 2474. Med hard; lt orange brown; some fine and large white grits; wet-smoothed; weathered; spout blackened. L. 110 mm. Most common phase apparently ca. 700-500 B. C. (19).

**1636** Ci 156, AH20, x7. M 426. Hard, red; very many very fine white grits; smoked spout; wet-smoothed. L. 125 mm. Portion: I-1. See S 1635. (19).

**1637** Ci 368, AG19, I, baskets 8-14, x38. M. 2471. Med hard; lt red brown; some very fine and occ. large white grits; wet-smoothed spout smoke blackened. L. 100 mm. X-1; I-2. See S 1635. (19).

**1638** Ci 156, AH20, x8. M 427. Hard, red; very many very fine white grits; smoked spout; wet-smoothed. L. 115 mm. See S 1635. (19).

**1639** R. 73, AH19, x4. M 392. Brown; smoked spout. L. 110 mm. See S 1635. (19).

**1640** Ci 176, N17, baskets 29-32, x32. Hard brown; red; few small and med white grits; spout blackened. L. 112 mm. See S 1635. (19).

**1641** Ci 156, AH20, x6. M 425. Lt red; smoked spout. L. 110 mm. Misc. 2. Portion: X-1; misc. 1. See S 1635. (19).

**1642** R. 140, P16, I, x1. M 673. Lt orange brown; very many very fine white and some small and med white and brown grits; smoked spout; wet-smoothed; weathered. L. 101 mm. + See S 1635. (19).

**1643** R. 488, X17, I, x19. M 2515. Apparently med hard; surfaces vary in color from lt brown to dk gray due to uneven firing; wet-smoothed. L. 82 mm. (20).

**1644** Ca 285, P22, x1. M 1207. Sides slightly overlapping at spout; hard; lt red ware; smoked spout. L. 81 mm. Ca 285-1; T. 167-1. (20).

**1645** R. 224, AB25, I, x3. M 891. Small lamp and fragment of its pedestal made together as one piece; lamp rests in fork of what are apparently three limbs one of which has end broken off; lt orange brown with gray core; white wash over entire outer surface; some remains of red paint over wash. H. 67 mm. + Portion: X-1(?). (21).

**1646** Y25X, x8. Fragment of kernos ring(?). Hard; lt red orange with gray core; med gray grits; fairly closely burnished with broad burnished. D. difficult to estimate. Portion: X-1(?); I-1(?); Sub I-1(?); Ci 304. (21, 60 note 96).

#### COVERED LAMPS

[The classification and selection of materials in pls. 72 and 73 are by C. C. McCown; see the discussion in Pt. I, chap. V,

where the pertinent sections may be discovered by means of the reference letters, I A-D, II A-L. Lamps are smoke blackened and therefore have been used unless otherwise specified].

#### I WHEELMADE LAMPS

##### PLATE 72

**1647** A. 'Attarah, x1. Part of one side of upper part of bowl missing. Very hard; lt brown, gray core, a few fairly large white grits; 33x52x76 mm. 'Attarah-1; X-1.

**1648** B. T. 71, x5. M 2831. Med hard; lt yellow orange; some white grits of various sizes; wet-smoothed; weathered; greatest L. 80 mm. Ts. 2-1, 4-1, 6-9, 8-2, 14-3, 15-2, 71-1; Ci 2-1.

**1649** C. T. 19, x42. One half missing. Fairly hard; red brown, buff slip; irregular fracture showing poor mixture of clay; a few small and large grits; not used(?); 32x69x76 mm. T. 19-1.

**1650** D. T. 6, x9. M 1476. Probably wheelmade; in two parts, spout added as in S 1647. Loop handle missing. Hard, coarse; reddish brown, dk brown core; wet-smoothed; white grits; 36x57x79 mm. T. 6-1.

#### II MOLDED LAMPS

**1651** A. Ci 183, x3. M 833. Fairly hard; sandy; buff ware; excellent paste, but a few large white grits; irregular splotches of red and black paint on top, which has run down on sides and bottom in places; ring about oil hole horizontal; disk base with depression in center; 37x55x82 mm. Ci 183-6.

**1652** B. T. 2, x2. M 1108. Hard; reddish-buff ware, top dk and lt red-brown; good paste, a few large white grits; rudimentary volutes at neck; decoration of small depressed disks; red-brown paint on top running down on sides; juncture between top and bottom trimmed with knife; 21x54x73 mm. Ts. 2-1, 6-1, 18-1, 19-1, 26-2. I, pls. 41: 1, 42: 1.

**1653** C. T. 14, x12. M 1591. Pieces missing from top and bottom. Fairly hard; lt brown; very fine lt brown grits; 22x51x86 mm. Imported?

**1654** D1. T. 33, x15. M 1864. Fairly hard; brown; small white grits; heavy; rudimentary volutes at sides of neck; heavy ring base; 24x51x79 mm. Ts. 33-3, 14-1 (frag.). I, pls. 42: 11; fig. 23: 2 (I: 127).

**1655** D2. T. 31, x1. M 1822. Fairly soft; brick red; a few lt brown, med sized grits; 30x53x77 mm. Ts. 14-1, 31-1. I, pls. 42: 12; fig. 23: 3 (I: 127).

**1656** D3. T. 4, x1. M 1167. Soft, sandy; orange-brown; fine brown and white grits; 30x55x75 mm. Ts. 4-1, 23-1; 'Attarah-1.

**1657** D4. T. 33, x68. M 1898. Soft; lt orange-brown; a few fine white grits; 25x61x86 mm. Ts. 6-1, 13-1, 22-3, 33-4. I, pls. 40: 1; 42: 13; fig. 22: 7 (I: 126).

**1658** D5. T. 33, x12. Half of bottom missing, broken, scaling. Soft, flaky; brown; dull lt brown surface; small and fine white grits; 28x51x84 mm. T. 33-2.

**1659** E1. T. 13, x8. M 1564. Fairly soft; lt brown; fine lt brown grits; eight-branched "candlestick"; 39x70x104 mm. Ts. 13-1, 19-1, 22-5. I, pls. 40: 2, 3; 42: 6.

**1660** E2. T. 22, x6. M 1642. Same ware as 1659; differs in having "branches" detached from central stem of "candlestick"; 42x66x96 mm. Ts. 2-1, 13-6, 19-5, 22-8. I, pls. 40: 4, 5; 41: 2.

**1661** E8. T. 19, x18. M 1623. Fairly soft; lt orange-brown; fine white grits; ring base; 40x54x99 mm. T. 19-1. I, pl. 41: 7.

**1662** E10. T. 22, x33. M 1661. Fairly soft; buff with pale green tint; fine paste, very fine lt gray grits; slightly used; 35x59x83 mm. Ts. 19-1, 22-1. I, pl. 40: 8.

## PLATE 73

**1663** F1. T. 6, x14. M 1478. Fairly hard; lt brown; a few small white grits; 35x48x73 mm. Ts. 6-1, 19-3. I, pls. 41: 8, 9; 42: 2\*.

**1664** F2. T. 22, x36. M 1664. Fairly hard; brown; fine, lt brown grits; used; 30x47x71 mm. Ts. 13-1, 19-4, 22-2; 'Attarah-1. I, pls. 40: 9\*; 41: 10, 11; 42: 7.

**1665** F3. T. 13, x15. M 1568. Fairly hard; dull brown; small white grits; 30x50x75 mm. T. 13-1. I, pl. 42: 8.\*

**1666** F4. T. 19, x13. M 1620. Fairly hard; brown; lt brown grits, a few white grits; 31x52x75 mm. Ts. 6-3, 13-1, 19-10, 22-2. I, pls. 40: 10; 41: 12\*, 13.

**1667** F6. T. 22, x39. M 1667. Fairly hard; lt orange-brown; fine gray and lt brown grits; used; 32x50x80 mm. Ts. 19-1, 22-2. I, pl. 40: 12\*, 13.

**1668** G1. T. 13, x12. M 1566. Fairly soft; red brown; fine white grits. T. 13-1, 22-2, 33-1. I, pl. 42: 9, 14.

**1669** G2. T. 19, x22. M 1625. Fairly hard; brown. cream slip; a few small white grits; 29x54x78 mm. Ts. 13-1, 19-1, 22-2, 33-1. I, pls. 40: 14, 15, 16; 41: 16\*.

**1670** G3. T. 19, x6. M 1614. Fairly hard; orange brown; small white grits; 26x56x73 mm. Ts. 19-2, 30-3. I, pl. 41: 17.

**1671** G5. T. 6, x18. M 1481. Fairly hard; brick red with brown slip which scales; white and brown grits; 22x58x74 mm. Ts. 6-1, 33-1. I, pl. 42: 3.

**1672** H. T. 23, x1. M 1680. Fairly hard; brown; fine white grits; 30 x 56 x 76 mm. Ts. 6-1, 22-1, 23-1, 33-2. I, pls. 40: 18; 42: 4, 15.

**1673** I. T. 15, x10. M 1607. Fairly hard; lt brown; a few small white grits; 32x54x76 mm. Ts. 15-1, 22-2, 33-1. I, pls. 40: 19; 42: 16.

**1674** J1. T. 19, x7. M 1615. Fairly hard; brown; small white grits; 37x70-97 mm. T. 19-1. I, pl. 41: 19\*.

**1675** J2. T. 19, x41. Part of top only, wick hole missing. Soft; dk-red-brown; med and small silicate grits; part preserved 21x60x81 mm. T. 19-1.

**1676** J3. T. 6, x19. M 1482. Fairly hard; red-brown, faded lt brown surface; 39x61x108 mm. T. 6-1 (2?). I, pl. 42: 5.

**1677** K. T. 13, x10. M 1565. Fairly soft; gray with lt brown slip scaling; reddish ware, brown slip; white and brown grits; 23x58x70 mm. Ts. 13-1, 22-1, 33-1. I, pls. 40: 20; 42: 10\*, 17.

**1678** L. T. 13, x11+71. Three frags.: handle and one side of body, two corners of nozzle. Fairly hard; thin, reddish buff; a few small white grits; ca. 21x49x80 mm. Ts. 13-1, 33-4. I, pls. 42: 18, 19; fig. 23: 10, 11 (I: 127).

## 3. LIDS—SERIAL NUMBERS 1679-1686

## PLATE 74

**1679** R. 497, AE16, I, x16. Hard; out. mottled lt red orange and lt brown drab, ins. and core of dk gray drab; many very fine white grits and scintillating particles; wet-smoothed; upper surface terraced and decorated with a ring of circular impressions at each terrace edge; impressed cross on top; finger impression on upper surface near periphery. D. ca. 240 mm. (26).

**1680** R. 531, AC14, I, x12. Lid (?). Hard; buff, core

mottled lt gray drab and lt brown orange; very many very fine white grits; wet-smoothed. D. ca. 325 mm. (26).

**1681** Dump from AG17X, x1. Lid (?). Hard; lt orange brown, med brown core; many very fine white and an occ. large white grit; wet-smoothed; pitted. D. ca. 50 mm. (26).

**1682** AF18, Sub floor R. 429, I, x1. M 2679. Fragment of wheelmade object, possibly lid to jar. Lt brown out., lt orange ins., core lt orange brown; very many very fine white and occ. med brown grits; wet-smoothed; ins. painted with red circular bands. Greatest D. of fragment 92 mm. (26).

**1683** R. 424, AG18, I, x7. Med hard; lt reddish orange, core grayish brown; very fine white grits, and extra large masses of lt brown, lt orange and grayish white; wet-smoothed; weathered. H. 75 mm.+ (26).

**1684** R. 42, AK20, x2. M 164. Apparently cut from the wall of a jar. Lt orange brown with gray brown core; some fine white grits; wet-smoothed. D. 80 mm. (26).

**1685** R. 425, AG18, I, x17. Lid to jar or juglet (?). Soft; lt mottled buff and gray; many very fine white grits; upper boring goes completely through the lid, lower does not. D. ca. 65 mm. (26).

**1686** R. 499, AE16, I, x16. M 2524. Clay lid for jug. Med hard; upper surface lt orange brown and lower surface med brown drab; some very fine and small white grits; wet-smoothed. D. 48 mm. NB: finger print on knob. (26).

4. SQUAT TWO-HANDLED VASES—  
SERIAL NUMBERS 1687-1711

**1687** N17X, II, x58. Handmade. Traces of horizontal ear handle; buff with black core; very numerous white and dk grits. H. 72 mm.+ (28).

**1688** T. 32, S. Strip, x465. M 2101. Fairly hard; lt orange brown; large and fine white grits; wet-smoothed. H. 93 mm. Pl. 34: 7. (28, 32, 34).

**1689** AD24X, x21. M 1793. Fairly hard; mottled gray brown, brown, and orange red; large and fine white grits; wet-smoothed. H. 85 mm. Handles: I-1; misc. 1. (28, 30, 32, 34).

**1690** T. 32, E. Strip, x456. M 2095. Horizontal loop handles. Soft; lt brown; small white and gray grits; wet-smoothed; weathered. H. 85 mm. Pl. 34: 8. (28, 32, 34).

**1691** T. 32, E. Strip, x457. M 2096. Horizontal loop handles. Soft; lt orange brown; large and med white grits; surface badly weathered. H. 80 mm. Pl. 34: 9. (28, 32, 34).

**1692** T. 54, x233. M 2632. Med hard; med orange red; very fine and fine white grits; out. closely burnished and badly weathered. H. 80 mm. Pl. 35: 28. (28, 32).

**1693** T. 54, x230. Med hard; lt red orange, core med brown drab; very many very fine white grits; wet-smoothed; out. horizontally burnished. H. 60 mm.+ Body portion: T. 54-2. Handle: I-1. (28, 32).

**1694** T. 32, Center, x331. M 2105. Soft; lt brown; many very fine white and occ. med gray grits; wet-smoothed; brown painted bands, somewhat weathered; perhaps some red brown originally. H. 110 mm. Handle: Sub I-1. (28, 32, 34).

**1695** T. 32, Center, x327. M 2104. Fairly hard; lt brown with some buff areas; small white grits; vertically burnished; painted horizontal brown and red bands; somewhat weathered. H. 100 mm. Body Portion: T. 32-1. Handle: misc. 1. Pl. 34: 10. (28, 32, 34).

**1696** T. 32, S. Strip, x448. M 2103. Fairly soft; brown; fine and med white grits; vertically burnished; painted red brown bands, somewhat weathered. H. 93 mm. Pl. 34: 11. (28, 32, 34).

**1697** T. 54, x227. Med hard; lt brown; very many very fine and some fine white grits; some suggestion of burnishing; traces of 3 horizontally painted bands, color not apparent; weathered. H. 105 mm.+ Pl. 35: 29. (28, 32, 34, 35).

**1698** T. 54, x228. M 2630. Med hard; lt brown orange; many very fine white grits; wet-smoothed; out. shows weathered evidence of burnishing. H. 100 mm. Ts. 32-2, 54-1. Body portion: T. 54-1. Handle: I-1. Pl. 35: 30. (28, 32).

**1699** T. 32, S. Strip, x426. M 2106. Hard; brown with gray brown core; many very fine and small white grits; polished. H. 65 mm. Body portion: misc. 1. Base: Sub I-1. Pl. 34: 12. (28, 34, 36).

**1700** T. 32, S. Strip, x463. Pierced ear handles. Fairly soft; mottled lt brown and lt orange brown; very many very fine and some small white grits; some slight suggestion of burnishing, but surface much weathered. H. 110 mm.+ T. 32-1. Pl. 34: 13. (27, 28, 34).

**1701** T. 32, E. Strip, x372. M 2093. Fairly soft; brown; small and fine white grits; irregularly burnished. H. 80 mm. I-1. Body portion: Sub I-1. Pl. 34: 14. (28, 34).

**1702** T. 32, N. Strip, x458. M 2097. Fairly soft; lt orange brown with lt brown core; very fine white grits; wet-smoothed. H. 102 mm. Body portion: T. 54-1. Pl. 34: 15. (28, 34).

**1703** T. 54, x236. Lt red orange, core med orange brown; occ. very fine and fine white grits; wet-smoothed; slight evidence of irregular burnishing; weathered. H. 94 mm.+ (28, 29 note 53, 34).

**1704** T. 32, E. Strip, x402. M 2092. Fairly hard; gray; very fine white grits; wet-smoothed. H. 47 mm. Body portion: Sub I-1. Pl. 34: 16. (28, 32, 34).

**1705** T. 32, N. Strip, x290. M 2087. Black ware; horizontally burnished. H. 105 mm. (28, 32, 34).

**1706** T. 32, E. Strip, x370. M 2085. Black; very many very fine white grits; weathered. H. 95 mm. T. 32-1. Body portion: T. 32-1. Pl. 34: 17. (28, 32, 34).

**1707** T. 32, Center, x338. M 2090. Black; very many very fine white grits; weathered, but some evidence of burnishing. H. 79 mm. Pl. 34: 18. (28, 32, 34).

**1708** T. 32, N. Strip, x452. M 2091. Black; very many very fine white grits; weathered, but evidence of close burnishing. H. 65 mm. T. 32-1. Pl. 34: 19. (28, 32, 34).

**1709** T. 32, S. Strip, x446. M 2088. Black; very many very fine and some med and large white grits; weathered; possibly burnished. H. 77 mm. Pl. 34: 20. (28, 32, 34).

**1710** T. 54, x234. M 2633. Med hard; black; very many very fine white grits; wet-smoothed; out. shows weathered evidence of irregular burnishing. H. 70 mm. Body portion: X-1. Pl. 35: 31. (28, 32, 34).

**1711** T. 32, N. Strip, x445. M 2086. Black; irregularly burnished with vertical and horizontal stripes. H. 83 mm. Body portion: X-1. Pl. 34: 21. (28, 32, 34).

## 5. BOTTLES—SERIAL NUMBERS 1712-1735

### PLATE 75

**1712** CT 6, AK26, x57. M60. Buff and reddish brown; seems to have been painted with red stripes. H. 80 mm. Rim and body: T. 67-2. Pl. 24: 58. (38).

**1713** T. 52, x5. M 2376. Probably juglet as evidence of handle attachment, also two small strips of clay on each side of handle at ends of diameter axis. Fairly hard; brown orange; med and fine brown, gray, and white grits; possibly burnished, but weathered. H. 83 mm. Pl. 28: 18. (38).

**1714** Ca 193D, AG28, x26. Fairly hard; lt brown surface, gray beneath; small white grits; out. closely vertically burnished; neck and body made separately. H. 50 mm.+ (38).

**1715** Ci 260, Q18, x10. M 1020. Lt orange. H. 34 mm. (39).

**1716** Si 135, AK22, x2. M 376. Mottled lt brown and lt orange brown; fine and small white and gray grits; wet-smoothed. H. 115 mm. (39).

**1717** R. 325, AA24, I, x17, x18. Fairly soft; black; very fine white grits; possibly burnished, but weathered. H. ca. 100 mm. (41).

**1718** R. 366, R22, I, x16. Fairly hard; surface lt orange brown to med gray brown, med gray beneath; few fine white grits; closely burnished horizontally. H. 67 mm.+ Rim and body: X-1; I-1. Possibly MI-LI. (39).

**1719** R. 331, AA24, I, x5. Fairly hard; lt brown; many very fine and some med white grits; wet-smoothed. H. 70 mm. Possibly mainly MI and LI. (39).

**1720** R. 361, T14, I, x32. Wheelmade juglet as evidence remains of handle attachment. Soft; lt orange brown; med gray small white grits; red slip, weathered off in many places, apparently burnished. H. 66 mm. Possibly late MI. (38, 39).

**1721** R. 60, AJ20, x6. M 326. Lt red; dk red painted lines. H. 100 mm. (39, 41).

**1722** AK23, First Meter, x1. M 133. Hard; lt orange brown; many very fine and some med white and brown grits; wet-smoothed. H. 79 mm. (39).

**1723** R. 253, P20, I, x1. M 1106. Hole in bottom. Hard, sandy; lt red and buff; many fine white and some small brown grits; wet-smoothed. H. 68 mm. (39).

**1724** Ci 183, P18, baskets 31-35 inc., x47. M 839. Hard, sandy texture; buff and lt orange brown; very many very fine white grits; wet-smoothed. H. 85 mm. X-1. Rim and body: X-2; I-4. Possibly common phase late MI and LI. (39).

**1725** Ci 183, P18, baskets 31-35 inc., x48. Sandy buff. H. 82 mm. Rim and body: X-1; I-1. See S 1724. (39).

**1726** Z26, X. E. the city wall, x11. Fairly soft; red brown; fine white grits; wet-smoothed. H. 30 mm.+ Rim: X-1; Ci 361-1. (39).

**1727** T. 32, E. Strip, x15. Possibly used in sprinkling. Fairly hard; dk brown with dk gray core, dull orange brown rim surface, dk gray brown shoulder surface; very fine silicate grits. H. 22 mm.+ Neck: X-1. (39).

**1728** Ci 216, P17, baskets 13-16, x34. M 982. Ellipsoidal or lentoid in form. Fairly hard; brown red; some small brown and silicate grits; traces of burnished red slip. H. 100 mm. (39).

**1729** Ca 193N, AG28, x6. Neck and body made separately. Faience (?); soft; lt buff; incised decoration. H. 35 mm.+ (39).

**1730** T. 3, x49. M 1138. Small knob handle on each side near top. Lt brown with orange tinge; ins. spiral ribbing; wet-smoothed out., vertically scraped over most

of surface; part of vessel too much weathered to see finish. H. 210 mm. Rim: I-1. Base: misc. 1. Apparently LI and Hellen. (40).

**1731** T. 3, x43. M 1133. Small knob handles. Fairly hard, sandy; orange buff; few med white grits; wet-smoothed; ware softened and faded from weathering. H. 188 mm.+ See S 1730. (40).

**1732** T. 3, x42. M 1132. Thick; lt brown; few med white and red grits; out. vertically scraped. H. 170 mm. Rim and body: Ci 183-1. Base: X-1. See S 1730. (40).

**1733** T. 3, x44. M 1134. Soft from weathering, now orange red. H. 160 mm. Neck and body: T. 3-1. See S 1730. (40).

**1734** Ci 369, AF20, I, baskets 1-10, x31. Lt brown; occ. very fine white grits; rim horizontally burnished; neck diagonally burnished; base red (hematite) slip-smoothed; outer surface badly weathered. D. ca. 25 mm. See S 1730. (40).

**1735** T. 59, x1. Med hard; lt yellow brown, lt orange brown core; occ. very fine white grits; well levigated; wet-smoothed; neck has remains of red (hematite) slip; weathered. H. 150 mm. Neck and body: Ts. 14-1, 57-1. Possibly LI and into Rom. (40).

## 6. FLASKS—SERIAL NUMBERS 1736-1755

**1736** T. 32, Middle Strip, x550. M 2178. Lentoid. Fairly soft; lt red orange with lt brown core; med and very many very fine white grits; wet-smoothed; weathered. L. 183 mm. Fragments: X-1; Sub I-1; misc. 1. Common phase apparently LB ii and EI. Pl. 34: 22. (42, 43).

**1737** Si 116, AL22, x1. M 148. Lentoid. Hard; mottled lt brown and lt orange brown; many very fine white and some small brown grits; wet-smoothed; red painted decoration; below neck series of impressed circles with two on neck. L. ca. 225 mm. Apparently EI. (43).

**1738** T. 32, E. Strip, x399. Egg shaped. Hard; buff; very many fine white grits; traces of vertical burnishing over greenish cream slip; remains of at least three horizontal painted bands, red-brown-red. L. 95 mm.+ See S 1737. (42, 43).

**1739** T. 32, S. Strip, x549. M 2177. Body ellipsoidal. Fairly soft; lt brown; small gray and very fine white grits. L. 267 mm. Possibly EI. Pl. 34: 23. (44, 47).

**1740** Ci 361, AC16, I, baskets 16-41, x78. Extra-hard; lt brown drab, core med brown; very many very fine and some fine white grits and many very fine scintillating particles. Calculated H. 370 mm. Body fragment: I-1; misc. 1. Possibly mainly LI and Hellen. (44).

## PLATE 76

**1741** Si 92, AL23, x18. Brown. H. 65 mm.+ (44, 47).

**1742** R. 325, AA24, I, x21. Hard, sandy; brown core, lt brown surface; fine white grits; burnished (wall only). H. ca. 103 mm.+ Rim and handle: X-1; I-1. (44).

**1743** AA19, x18. Lt brown drab, core med orange; very many very fine white grits; wet-smoothed; weathered. H. 61 mm.+ Rim and handle: I-1. (44).

**1744** Rs. 403, 404, AF17, from house walls between rooms, x4. Hard; out. lt brown, ins. and core med gray drab; very many very fine white grits; wet-smoothed. H. 103 mm.+ Rim and handle: I-2. (44).

**1745** Ci 49, AH24, x4. Lt red with gray core; red painted decoration on rim and handles. H. 162 mm.+ (44).

**1746** Ci 369, AF20, baskets 1-10, I, x32. Med hard; out. lt brown orange, ins. med brown, core med gray brown; occ. small white grits; wet-smoothed; spiral ring burnishing on the vertical plane out. H. 135 mm.+ (44, 47).

**1747** AC15, x26. Med hard; med red orange; very many very fine and occ. fine white grits; wet-smoothed. D. ca. 50 mm. H. 66 mm.+ (44).

**1748** Si 92, AL23, x19. Brown. H. 116 mm.+ (44).

**1749** AC13, x41. Lt orange red; few fine gray grits. H. 75 mm.+ (44).

**1750** R. 487, Y17, I, x5. Hard; out. buff, ins. and core lt brown drab; many very fine and occ. small white grits; wet-smoothed. H. 95 mm.+ Rim and handle: Ci 183-2; T. 167-1. Handle: I-1. See S 1740. (44, 47).

**1751** Ci 370, AF20, I, baskets 1-20, x41. Probably lentoid. Med hard; out. lt brown orange, ins. buff, core lt brown drab; wet-smoothed; weathered. H. 136 mm.+ Rim and handle: X-1; I-2; misc. 1. Rim: I-1. MI-LI(?) (44).

**1752A** X18, x3. Med hard; med red orange; some very fine white grits; wet-smoothed. H. 62 mm.+ (44).

**1752B** Ci 369, AF20, I, baskets 1-10, x33. Med hard; lt brown drab; white grits of different sizes; red slip, burnished; very badly weathered. H. 98 mm.+ (45).

**1753** T. 5, x117. M 1308. Lt drab; few med white and dk grits; spiral incised grooves indicated in drawing. L. 257 mm. NB: some sediment found in bottom. Possibly EI-MI. Pl. 37: 22. (42, 46).

**1754** R. 578, AD18, I, x25. M 2765. Med hard; mottled lt yellow brown and lt red orange, core lt red orange; very many very fine and occ. fine and small white grits; wet-smoothed; spiral ribbing. L. 225 mm.+ Body and handle fragment: I-2. Handles: X-10; I-17; Sub I-1; II-3; misc. 6; Cis 176-1; 320-1, 370-1. Common phase possibly ca. 700-500 B. C. (42, 46 and note 75).

**1755** R. 498, AE16, I, x34. Ellipsoidal in shape. Med hard; lt brown out., med orange ins., core merging; very many very fine white grits; wet-smoothed; top and bottom ribbed. L. 125 mm.+ (46).

## 7. STANDS—SERIAL NUMBERS 1756-1774

**1756** T. 32, S. end, below entrance, x568. M 2195. Handmade stand. Fairly hard; lt brown with med and fine white grits; wet-smoothed; incised rope design. H. 210 mm.+ Similar portion: T. 32-1. Possibly EB i. (49, 50).

**1757** R. 341, S14, I, x35. M 1528. Hard; lt red brown with gray core; large and med white grits; wet-smoothed. D. 247 mm. Fragment: X-3; misc. 2. (50).

**1758** R. 276, S23, I, x9. Hard; lt red brown with lt gray core; med and fine white and gray grits; wet-smoothed. D. ca. 280 mm. Fragment: I-2; Sub I-1. (50).

**1759** Ci 370, AF20, I, baskets 53-68, x255. Med hard; out. lt red brown, ins. lt red orange, core merging; many very fine white grits; wet-smoothed. D. ca. 275 mm. Fragment: I-1; Ci 370-1. (50).

**1760** R. 290, S14, x2. M 1434. Buff with gray brown core; large and med brown and white grits; wet-smoothed. D. ca. 248 mm. Ci 325-1. Fragment: X-4; I-12; Ci 363-1. (50).

## PLATE 77

**1761** S. of Burg, x2. M 593. Hard; lt orange with brown core; very many very fine white grits; wet-smoothed. D. 170 mm. Fragment: X-3; I-3; misc. 1; Ci 369-1. (50).



**1762** Si 146, AJ21, x1. M 511. Hard; mottled lt orange and lt brown; very many very fine white grits; wet-smoothed. D. 200 mm. Fragment: X-3; I-3; misc. 1. (50).

**1763** Dump from AE19X, x1. Hard; lt brown, core med brown; very many very fine and occ. small white grits; wet-smoothed. D. ca. 170 mm. Fragment: X-1; I-1. (50).

**1764** R. 73, AH19, x3. M 368. Hard; lt red orange; very many very fine and some med brown grits; wet-smoothed. D. ca. 170 mm. Fragment: I-3; Sub I-1; misc. 1. (50).

**1765** AG20X, x17. Med hard; ins. lt yellow brown, out. lt red orange, core dk gray brown; a few very fine white grits and some very fine scintillating particles; wet-smoothed. D. ca. 195 mm. Fragment: I-1. (50).

**1766** R. 507, AE16, I, x12. Hard; lt brown drab, core lt brown; some very fine and occ. small and large white grits; wet-smoothed; weathered. D. ca. 200 mm. (50).

**1767** AA14, x25. Hard; lt brown; very fine white grits; wet-smoothed. D. 180 mm. X-1; I-2. Fragment: X-1; I-1; misc. 1. (50).

**1768** R. 356, T13, I, x2. Fairly hard; orange brown with lt red brown surface, gray core; fine gray grits; wet-smoothed. D. ca. 200 mm. Fragment: X-1; I-2. (50).

**1769** Ci 163, AJ21, x22. M 512. Red with gray core. D. 210 mm. (50).

**1770** V24X, x33. Hard; brown; many very fine white grits; wet-smoothed. D. ca. 160 mm. Fragment: X-1; I-1; misc. I-1. (50).

**1771** X12X, x44. Lt orange brown with brown gray core; med and fine white grits; wet-smoothed. D. 150 mm. (50).

**1772** V12X, x1. Lt brown with gray core; fine brown grits; wet-smoothed. D. ca. 250 mm. (49).

**1773** Si 185, P16, x1. Hard, sandy; lt red with drab core; ring burnished horizontally both ins. and out., most on out. D. from edge to edge of top 230 mm. (49).

**1774** R. 616, AB16, I, x42. M 2818. Hard; med orange, core med brown drab; many very fine white grits; wet-smoothed; vertically burnished; triangular holes through walls as drawn. H. 170 mm.+ (49).

#### 8. FUNNELS—SERIAL NUMBERS 1775-1783

**1775** Ci 176, N17, baskets 54-58, x54. Hard, sandy; buff; few med white grits. D. at rim ca. 225 mm. Fragment: I-1; misc. 1; Ci 285-1. (52).

**1776** R. 497, AE16, I, x14. Med hard; out. mottled lt brown and black, ins. lt orange brown, core merging; very many very fine and occ. small white grits; wet-smoothed; surfaces weathered. D. ca. 185 mm. Fragment: Sub I-1. (52).

**1777** AG21X, x34. Med hard; lt brown; many very fine white grits; wet-smoothed; surfaces badly weathered. D. of rim ca. 220 mm. Fragment: X-1; I-1. (52).

**1778** R. 485, Y17, I, x5. Hard; med orange; occ. very fine white grits and scintillating (fine) particles; wet-smoothed. D. ca. 120 mm. (52).

**1779** R. 537, AC15, I, x25. Med hard; out. lt red orange, ins. mottled med brown and lt red orange, core lt brown; very many very fine white grits; wet-smoothed. D. ca. 250 mm. (52).

**1780** R. 336, Z23, I, x5. Hard; lt brown; fine white grits; wet-smoothed. D. ca. 160 mm. (52).

**1781** R. 603, AC16, I, x14. Hard; lt orange brown; very many very fine white grits; wet-smoothed; smoked out. D. ca. 165 mm. (52).

**1782** R. 609, AC17, I, x8. Med hard; lt red orange;

very many very fine white grits; wet-smoothed. H. 118 mm.+ Fragments: I-7; Sub I-1. (52).

**1783** R. 617, AB16, I, x22. Med hard; lt orange brown, core lt brown drab; very many very fine and fine and some small and occ. large white grits; wet-smoothed. H. 198 mm.+ (52).

#### 9. PANS—SERIAL NUMBERS 1784-1796

##### PLATE 78

**1784** R. 274, T23, I, x24. Handmade. Soft, coarse; brown surface with dk gray core; large dk gray and med white grits. Fragment: X-1.

**1785** R. 410, AE17, I, x4. Probably handmade. Med hard; lt brown; very fine and an occ. brownish gray grit; wet-smoothed; weathered. Fragment: I-1.

**1786** Ci 320, AB15, II, x72. Handmade. Coarse; dk gray core, lt brown surface, brown under surface; med and very fine white grits; wet-smoothed. Fragments: I-2.

**1787** Ci 370, AF20, I, baskets 40-53, x191. Handmade. Out. lt brown drab, ins. lt brown orange, core med gray; some white grits of various sizes; wet-smoothed. Fragment: Ci 176-1.

**1788** Ci 231, AF27, x7. Handmade. Coarse, sandy; buff with black core. H. 135 mm. Rims: X-1; I-1; Ci 320-1. Bases: X-2; I-4; Ci 370-1.

**1789** Extra-mural, E. side of Gate Tower, x16. Handmade (?). Med hard; lt brown drab, core dk gray drab; some very fine and large white grits; wet-smoothed. Rim: Sub I-1. Base: Ci 176-1.

**1790** R. 371, S22, I, x8. Handmade. Foot pan. Hard; coarse; dull red brown with thick dk gray core; large to small white and gray grits. L. 430 mm.+ Rims: X-1; I-2. Bases: X-3; I-2; Sub I-1; misc. 1. (53).

**1791** R. 527, AD15, I, x17. Hard; lt orange brown, med gray core; a few very fine white grits; wet-smoothed; ins. white-washed and remains of white wash out. and base. D. ca. 300 mm. Rims: X-1; Sub I-1. (53).

**1792** R. 530, AC14, I, x18. Handmade. Med hard; out. lt red orange, ins. lt brown, core of mottled med gray drab and lt brown drab; very many very fine and many small and extra large white grits; wet-smoothed; ins. and rim white-washed; weathered. D. ca. 420 mm. (53).

**1793** Ca 193, AG28, basket 14, x32. Depression in rim for pouring and fragment of pouring cup (?) or spout. Heavy, coarse; red; many med white grits. Fairly well baked.

**1794** R. 326, AA24, I, x4. Handmade. Bath (?) tub. Soft; red brown with dk gray core; med gray grits; wet-smoothed; finger-impressed ridge. Rims: X-2; I-1.

**1795** R. 234, AC24, I, x4. Rim and handle fragment. Evidence of second handle 50 mm. from one shown. Soft; lt orange brown; med white and gray grits.

**1796** R. 438, AF19, I, x24. Handmade baking (?) pan. Brittle, but hard; lt orange; occ. very fine white grits; wet-smoothed; hole approximately 30 mm. in D. bored in wall near rim before firing.

#### 10. MISCELLANEOUS—SERIAL NUMBERS 1797-1842

**1797** T. 54, x216. M 2628. Major portion of horse with saddle (?) fragment. Med hard; out. lt brown drab, ins. lt gray, core merging; many very fine and some small white grits and several dk gray grits; wet-smoothed; shows



faint evidence of lt greenish cream slip; badly weathered. L. 180 mm. (55).

**1798** R. 522, AD19, I, x38. M 2719. Hard; lt yellow brown; few white grits of various sizes; wet-smoothed; traces of red paint outlining the harness and eyes. L. of frag. 94 mm. (55).

**1799** Ci 176, N17, basket 128, x119. Posterior fragment. Hard; out. lt red, ins. dk gray; small and med white grits; cream slip. L. 58 mm.+ (55).

**1800** AF19, Sub floor R. 438, I, x10. Med hard; out. lt orange brown, ins. and core of med brown drab; occ. very fine scintillating particles; wet-smoothed. D. of rim 25 mm. (55).

**1801** Ca 193, Si C, AG28, baskets 2, 3, x22. Fragment of object, possibly model of saddle (?). Crudely made. Hard; lt orange brown; some small white and brown grits; remains of white wash and traces of red paint over the wash; weathered. L. 64 mm.+ (56).

**1802** Ca 193, AG28, x42. M 938. Couch (?) model. Coarse; lt red with lt gray core; med grits of dk material. L. 145 mm. Fragments: X-2; I-2; Sub I-1. (56).

**1803** Ci 370, AF20, I, baskets 40-53, x190. Fragment of clay oven wall. Lt gray brown, core dk red orange; white grits of various sizes; wet-smoothed. Greatest thickness 18 mm. (56).

**1804** S11X, W. Trench, x6. M 1069. Fragment of spoon. Med hard; orange; some small white, brown, and gray grits. L. 78 mm.+ CT. 6-1. Fragment: I-1. (56).

**1805** CT 6, AK26, x46. M 49. Small trough. Buff. L. 140 mm. Fragment: CT 6-1. (56).

**1806** T. 32, S. Strip, x78. Seal or pendant. Soft; lt brown with gray core; fine white grits; wet-smoothed. L. 39 mm. (56).

**1807** R. 463, AE20, I, x14. M 2482. Loom weight. Med hard; mottled lt brown and lt orange brown; some small and med white and brown grits and scintillating particles visible where surface is badly weathered; wet-smoothed; smoke blackened. L. 95 mm. Fragments: X-1; I-1. (57).

**1808** AH20X, x3. M 576. Whorl (?). Lt orange brown; med and large brown and gray grits. D. 75 mm. X-6; I-5; Sub I-2; misc. 2. (57).

**1809** R. 242, Q14, I, x1. M 1073. Coarse, mud-like, burned fairly hard; varies from orange red to brown red; large grits and some small pebbles; hole made before firing. Greatest D. 70 mm. X-17; I-13; misc. 4; Ci 304-2. (57).

**1810** Ca 193, Si C, AG28, baskets 2, 3, x24. M 928. Fragment of shuttle (?). Hard; red; very many very fine white grits; polished surfaces and edges. L. 82 mm.+ Fragments: I-2; Sub I-2; misc. 1. (57).

**1811** Ca 193, AG28, basket 13, x30. Rounded fragment of pottery with hole in center. Hard, sandy; buff. Greatest D. 34 mm. X-6; I-5; Sub I-3; misc. 2; Ci 369-1. (57).

**1812** R. 433, AF19, I, x19. M 2441. Circular disc with boring of 5 mm. in center. Hard; mottled lt brown and lt orange; very many very fine white grits; wet-smoothed. D. ca. 75 mm. Sub I-1; Ci 369-1. (58).

**1813** R. 603, AC16, I, x15. Med hard; lt red orange, core lt brown drab; very many very fine white grits; wet-smoothed; applied knobs on upper surface. D. ca. 100 mm. (58).

#### PLATE 79

**1814** T. 5, x266. Standard and body made separately. Shoulder has holes punched through from out. Sandy; red

brown; some very fine and small white grits; weathered. H. 193 mm. Rim: Sub I-1. (59 and note 91).

**1815** AF18, Sub fl. R. 430, I, x10. Med hard; lt red orange; very many very fine white grits; wet-smoothed; perforations as shown in drawing. D. ca. 85 mm. Rim: X-1. (59 and note 91).

**1816** R. 314, AC24, II, x6. Holes pierced through. Hard; brown with gray core; med white grits. (59 and note 91).

**1817** Ci 216, P17, baskets 1-5, x1. M 884. Small votive stand? Lt red; med white grits in small numbers; indications of white slip. H. 76 mm. Fragment: I-1 (60).

**1818** Ci 127, AK21, x18. M 259. Rattle. With pebbles. Hard; lt orange brown; some small and med white grits; wet-smoothed; red slip. L. 102 mm. Fragments: X-5; I-5; Ci 176-1. (60).

**1819** R. 356, T13, I, x7. M 1540. Filling basin (?) for circular lamp or kernos ring. Sandy, fairly hard; brown; med gray and fine white grits; wet-smoothed. H. 78 mm. (60).

**1820** Z25X, x19. Incense (?) altar fragment. Hard; lt orange brown; very many very fine white grits; white wash; red paint over wash. (60).

**1821** Ci 191, AG25, x26. Looking down on object having handle butts (?) around shoulder. Orange red with black core; white slip on out. (61).

**1822** N16X, x2. M 654. Fragment of stand or neck. Hard; lt orange brown; small white and brown grits; heavily ribbed; some evidence of scallops attached at what seem to be edges of the ridges as drawn; badly weathered. H. 67 mm.+ (61).

**1823** AD19, x33. Curious object fashioned from wall fragment of wheelmade jar. Med hard; lt brown drab; very many very fine and occ. fine white grits; wet-smoothed. Greatest D. 52 mm. (Albright suggests draughtsman: *AAS* 4, p. 17). X-5; I-11; Sub I-3; misc. 2; Cis 183-1, 369-2; T. 3-1. (61).

**1824** AA23X, x15. Stopper with holes for seal (for locking) attachment. Fairly hard, sandy; buff; very many very fine white grits. H. 35 mm. (61).

**1825** AF20X, x34. M 2447. Fragment of curiously shaped object. Hard; lt brown; very many very fine white grits. L. 40 mm. (61).

**1826** N16X, x7. Rim fragment of large vessel. Sandy; lt red with gray core; weathered; decorated raised band below rim. Rim: Ci 176-1. (61).

**1827** Q14X, x23. Rim fragment of heavy vessel with raised collar below rim which has diagonal incisions /// on top. Hard, sandy; buff with lt gray core; very many very fine white grits; well levigated; wet-smoothed. D. ca. 370 mm. (61).

**1828** Si 373, S. W. Extra Mural, x5. Rim fragment of wheelmade bowl. Hard; lt orange brown, core med gray drab; many very fine and occ. small and large white grits; wet-smoothed; surfaces white-washed.

**1829** AE21X, x13. Fragment of horizontal loop handle of bowl. Med hard; lt brown; many very fine and occ. small white grits; wet-smoothed. (61).

**1830** M17, E. of R. 171, x1. M 739. Rim and handle fragment of vessel. Hard; lt orange brown and buff; small white grits and very many very fine white; double handle with ridge between, on top having impressed decoration. D. ca. 110 mm. (61).

**1831** R. 378, T23, I, x37. Base. Fairly hard; black; very many very fine white grits; horizontally burnished tending to ring. H. 98 mm.+ (61).

**1832** V13X, x4. Base fragment of jar. Fairly hard; buff with gray brown core; many fine grits: wet-smoothed. (61).

**1833** Ca 193, Hole C, AG28, x4. Fragment of junction of neck and shoulder of vessel. Handmade. Buff; collar incised along top /////. NB: drawing shows technique of building up by clay ropes. (61).

**1834** Dump from Y12X, Z12X, x1. M 1438. Wall fragment of vessel. Red brown with black core; fine white grits; design in relief, strips of clay being applied to vessel. Fragment: X-1. (61).

**1835** R. 221, AB25, I, x5. Wall fragment of vessel. Hard, sandy; lt orange brown with buff surface; very many very fine white grits; well levigated; wet-smoothed; applied bands have incised design as drawn. L. 130 mm.+ (61).

**1836** AD26X, II, x39. Wall fragment of vessel. Probably handmade. Hard; lt red; decoration—apparently portion of arm and hand near place of handle attachment; on top and around arm are small round incisions; some indications of red painted lines below handle and decorations. (61).

**1837** Q16X, x2. M 675. Fragment of double bowl or may be rim and spout fragment of a 3 handled jar.

Hard; lt orange red; fine to med white grits. D. of spout ca. 90 mm. D. of vessel ca. 120 mm. (61).

**1838** T. 67, x21. M 2738. One of a pair of connected (double) handmade bottles. Med hard; lt orange, lt brown drab, and buff, core lt yellow brown; occ. fine and very fine white grits; wet-smoothed; weathered. H. 60 mm. Fragment: X-1. Pl. 25: 41. (61).

**1839** Ci 304, AB19, basket 16, x22. M 1836. Hard, fine paste; lt brown; painted black and brown decoration. H. 155 mm.+ Ca. 540-530 B. C. (62).

**1840** Ci 370, AF20, I, baskets 32-40, x159. M 2554. Cypriote. Paste: med hard; lt orange brown; horizontally burnished out., ins. of rim and neck; burnishing inferior. H. 60 mm. Apparently MI. (62).

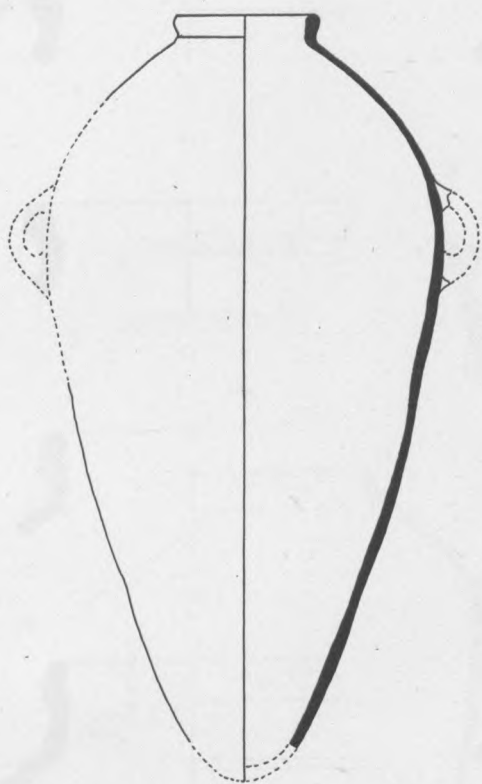
**1841** T. 3, x46. M 1135. Bottle, part of rim missing. Made in shape of pomegranate, rim notched to represent calyx, small base to represent short stem and attachment. Thin red paste; horizontally burnished and polished. H. 85 mm. (62).

**1842** S. W. Extra Mural near R. 494, x2. M 2672. Wall (?) fragment of vessel with figurine impression. Med hard; out. lt red orange, ins. lt brown orange, core merging; no white grits; wet-smoothed; out. probable red hematite slip-smoothing and burnishing; weathered. L. of fragment 71 mm. (62).

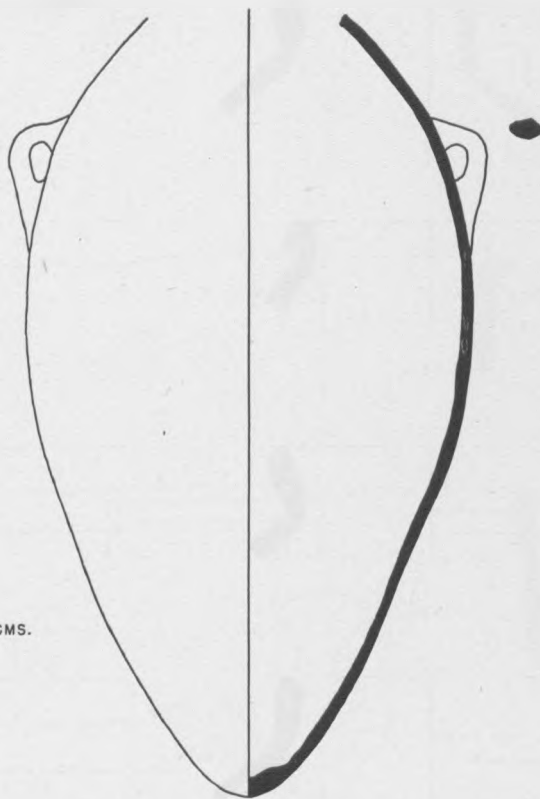
## PLATES



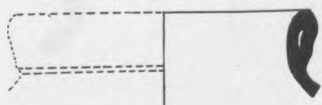
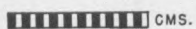
ZÎRS



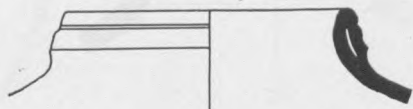
1



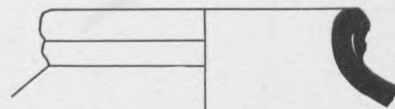
2



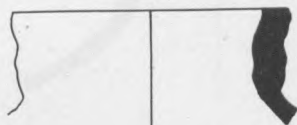
3



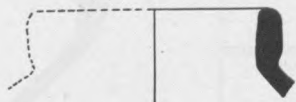
4



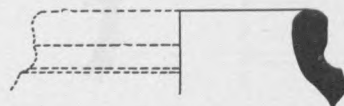
5



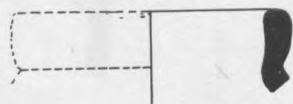
6



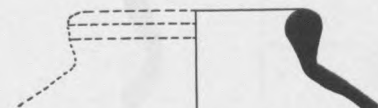
7



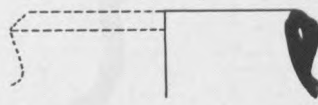
8



9



10

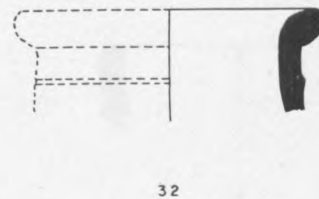
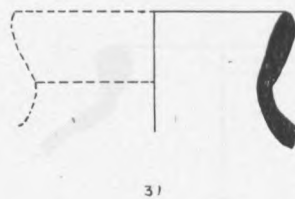
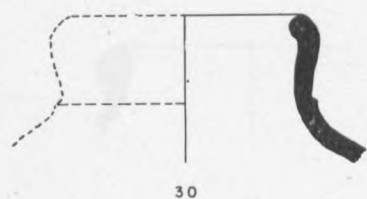
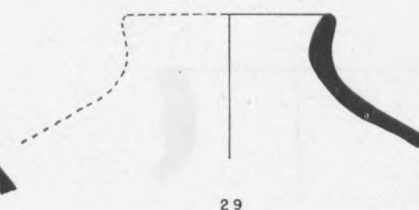
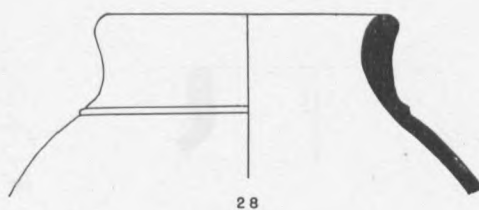
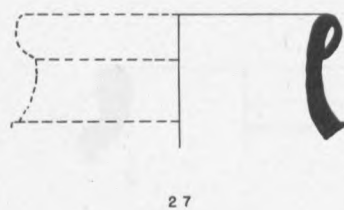
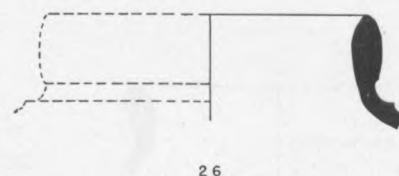
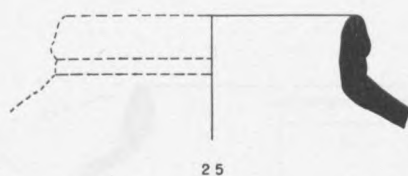
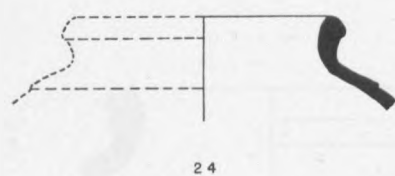
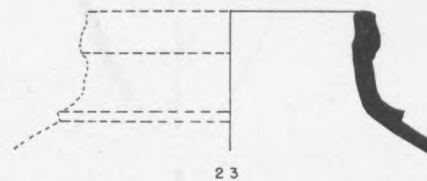
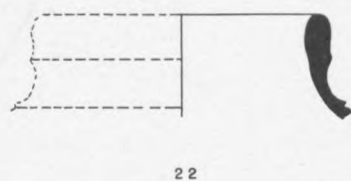
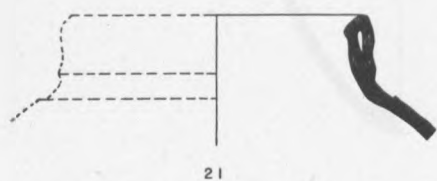
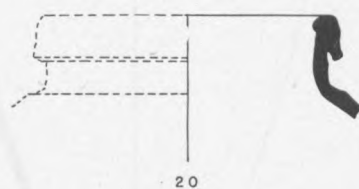
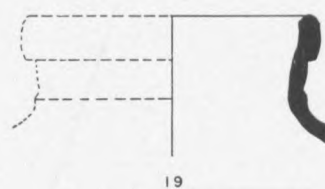
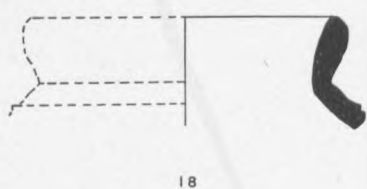
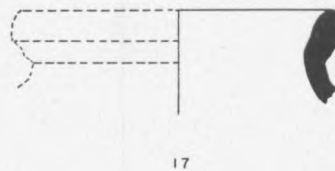
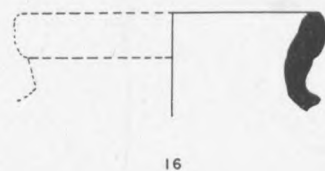
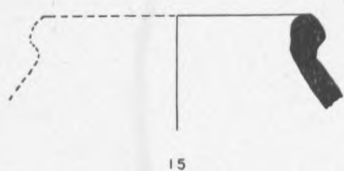
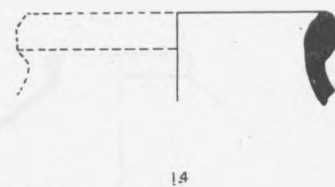
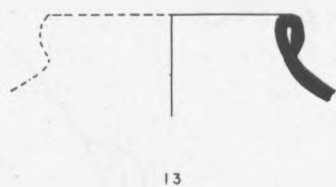
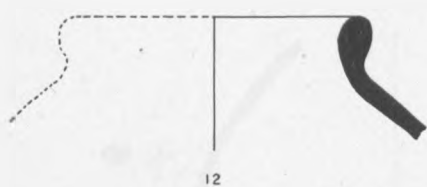


11



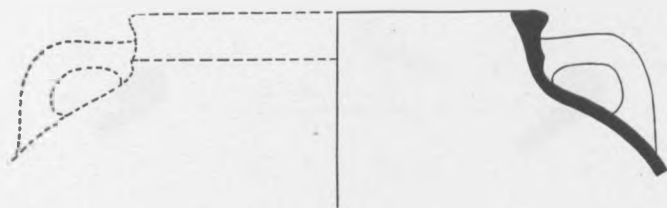
ZÎRS

PLATE 2

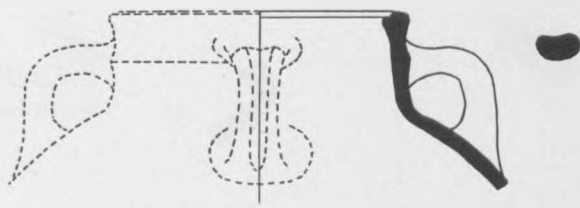


ZÎRS

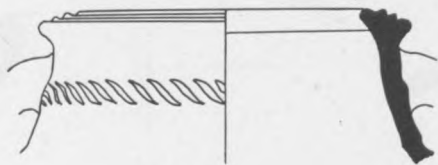




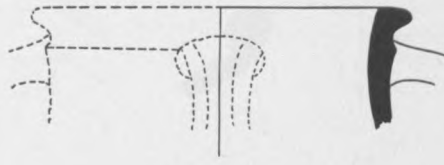
33



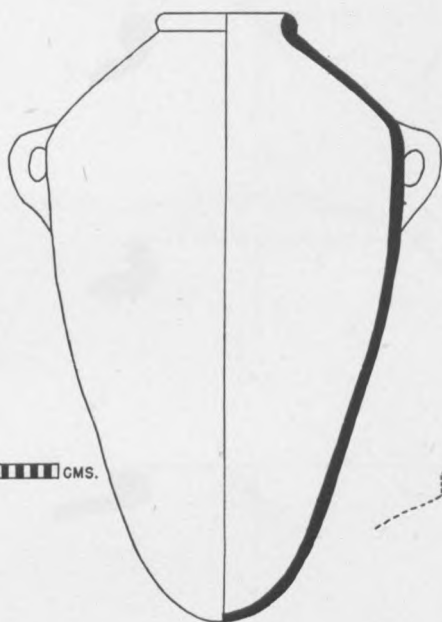
34



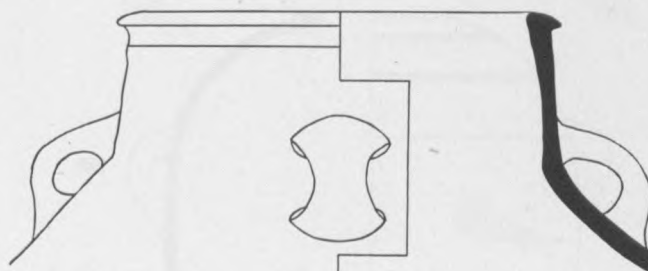
35



36

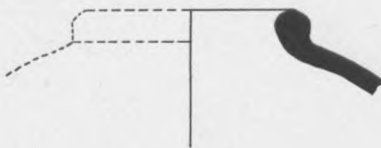


38

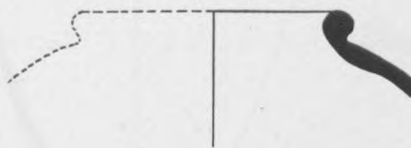


37

1 CMS.



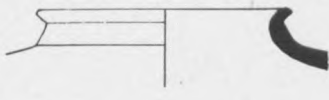
39



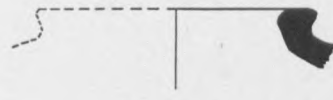
40



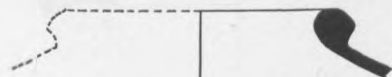
41



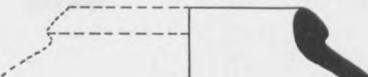
42



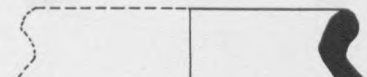
43



44



45

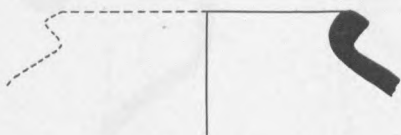


46

1 CMS.

ZÎRS

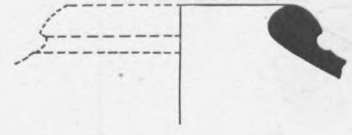
PLATE 4



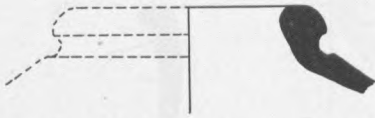
47



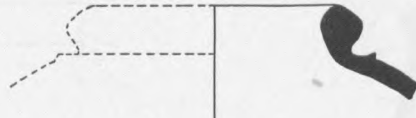
48



49



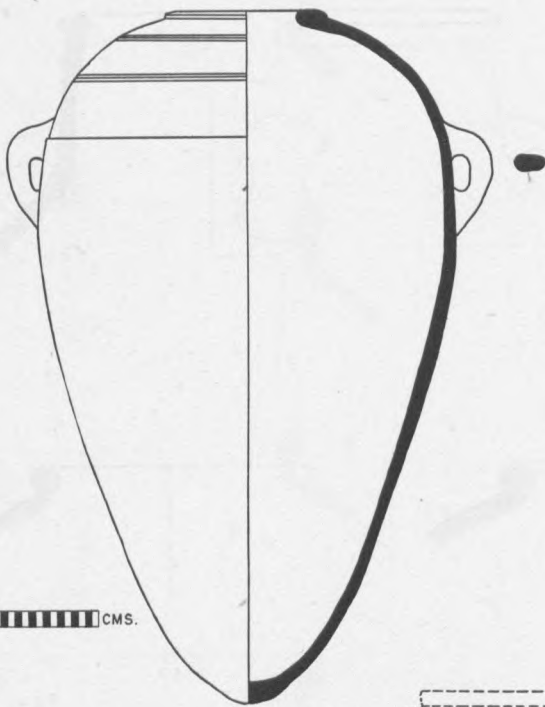
50



51

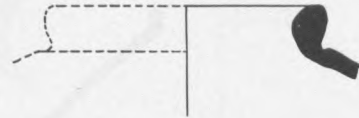


52

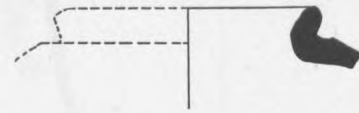


56

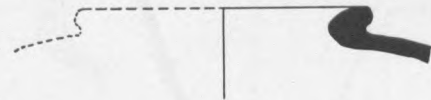
1 CMS.



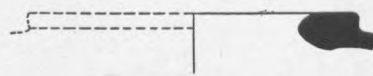
53



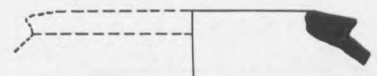
54



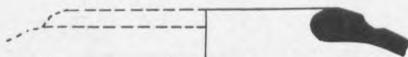
55



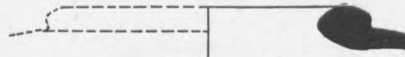
57



58



59



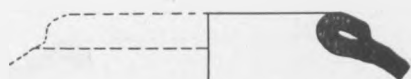
60



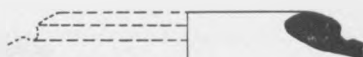
61

1 CMS.

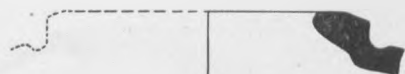
ZÎRS



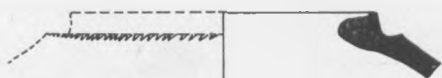
62



63



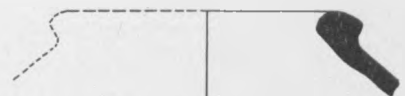
64



65



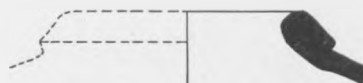
66



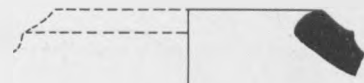
67



68

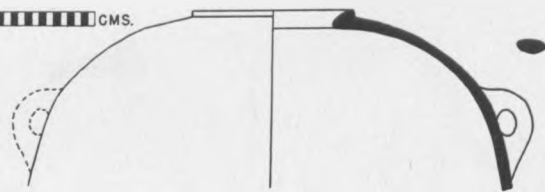


69

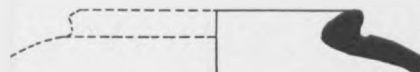


70

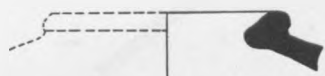
1 CMS.



71



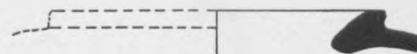
72



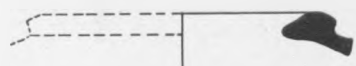
73



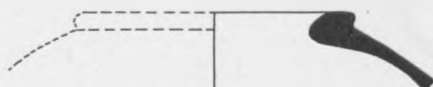
74



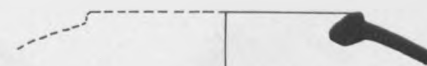
75



76



77



78



79



80

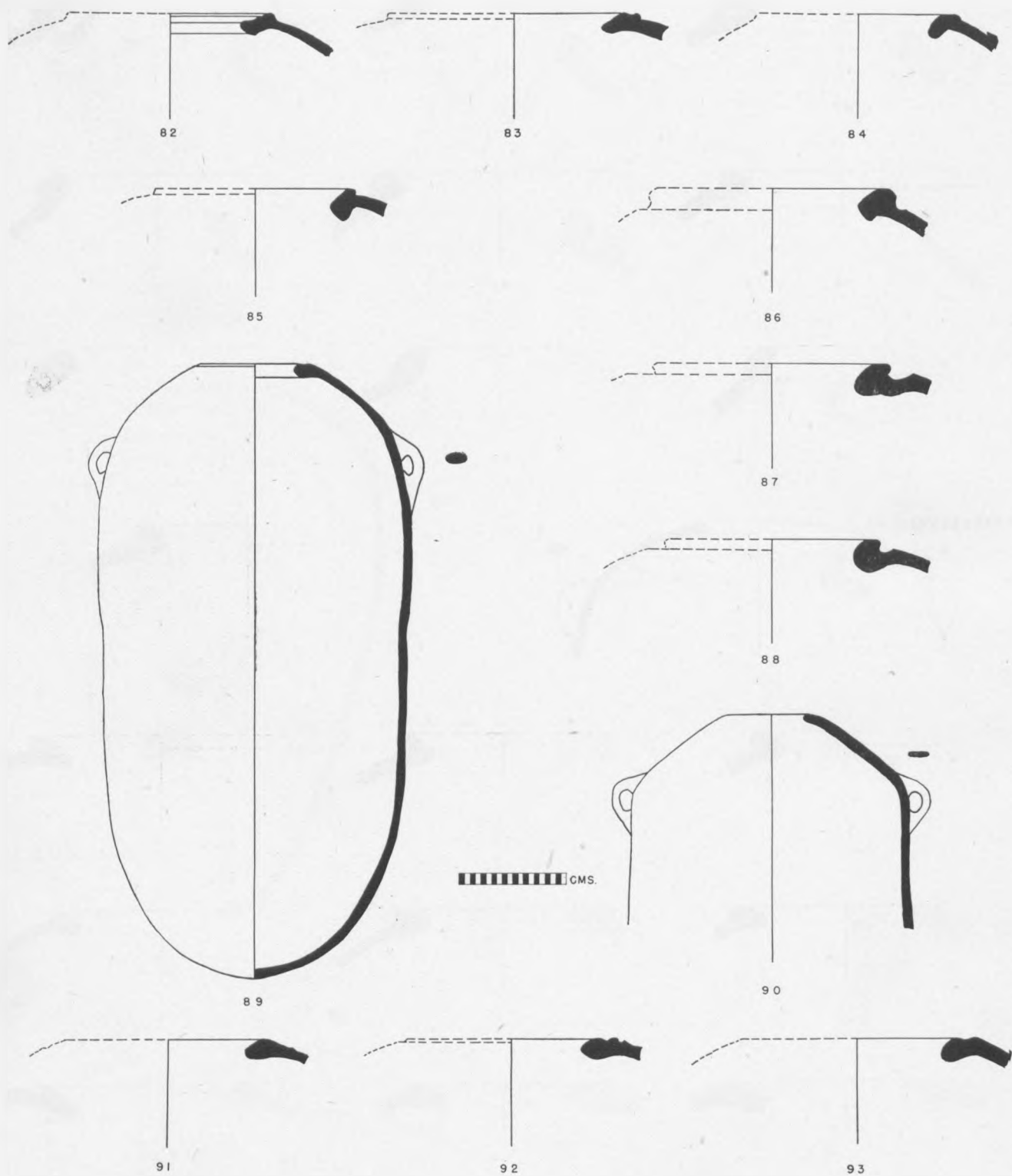


81

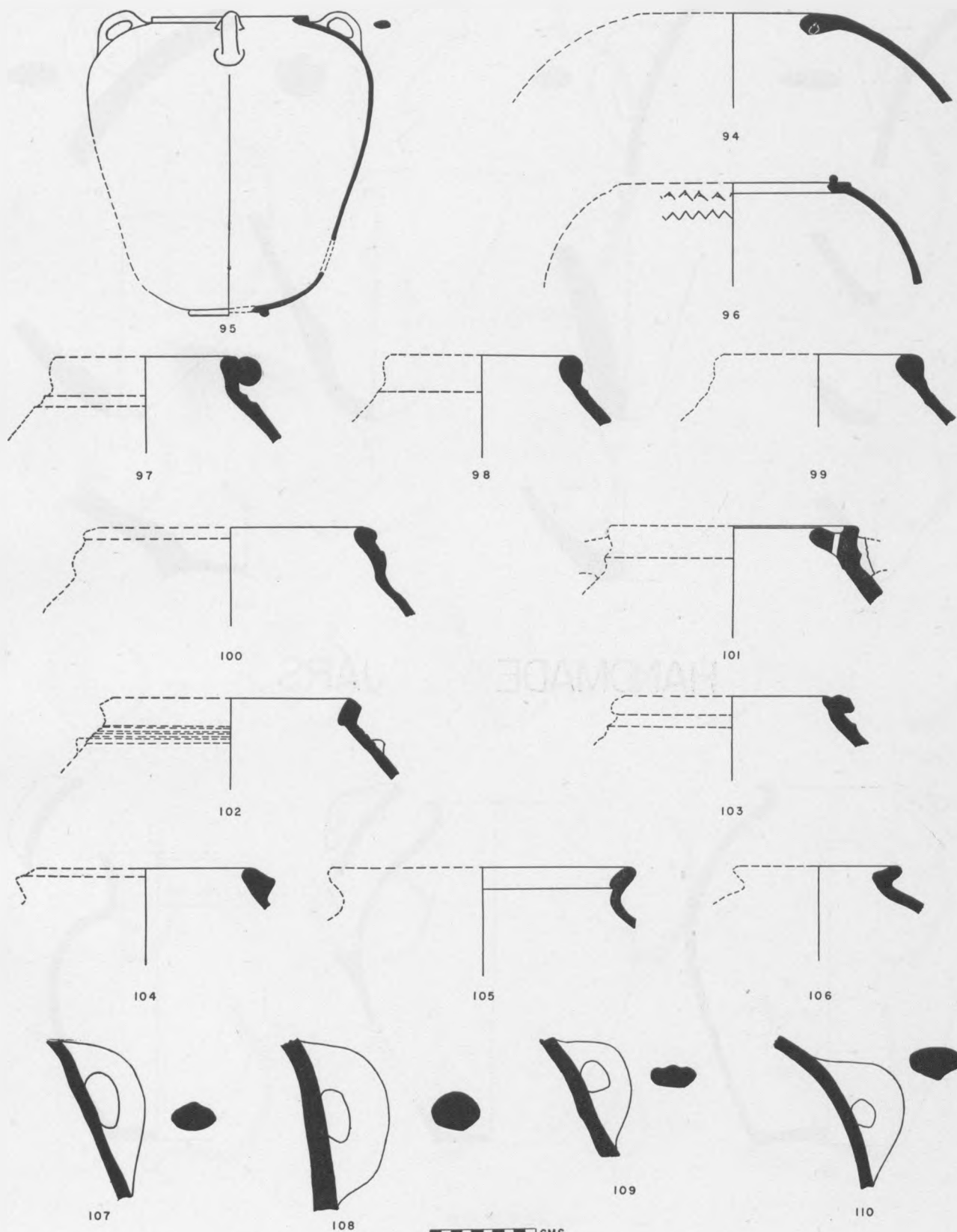
1 CMS.

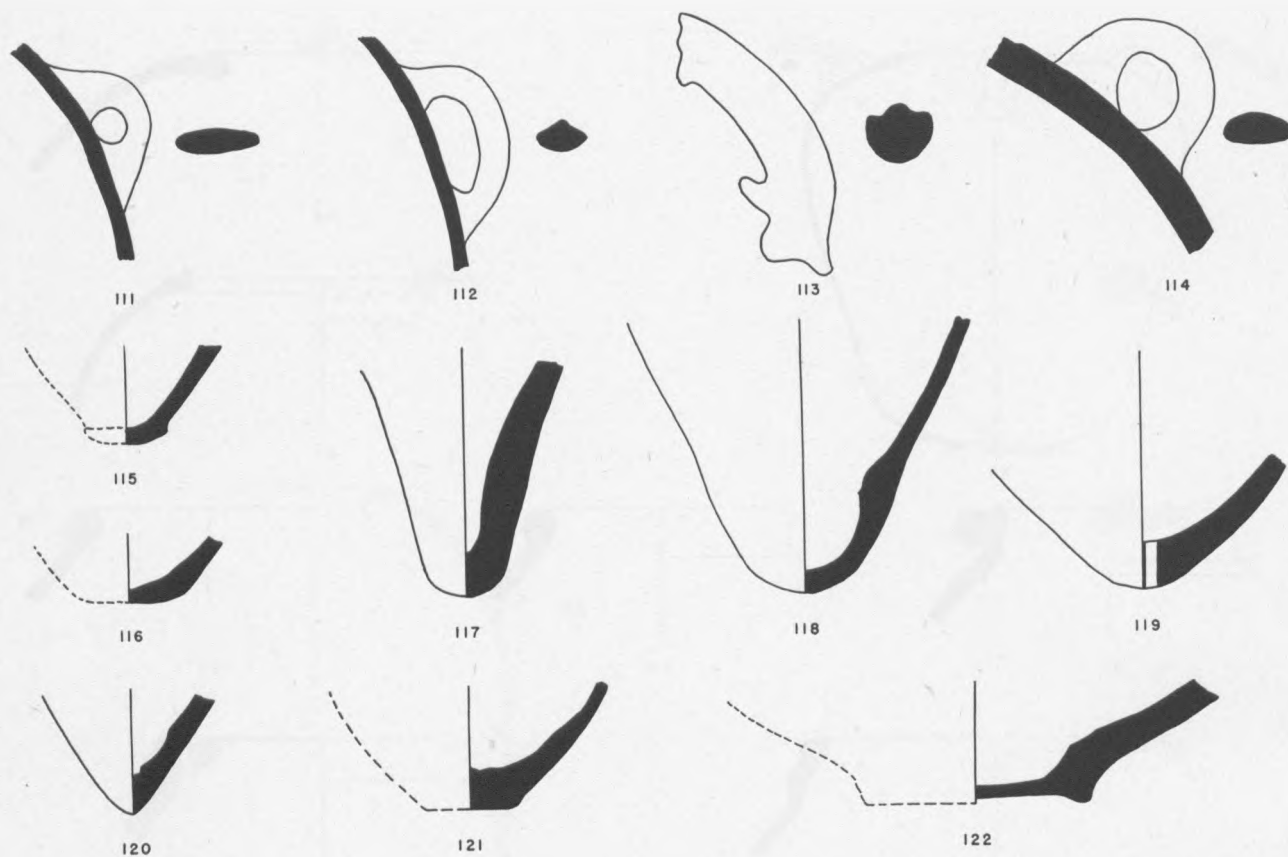
ZÎRS

PLATE 6

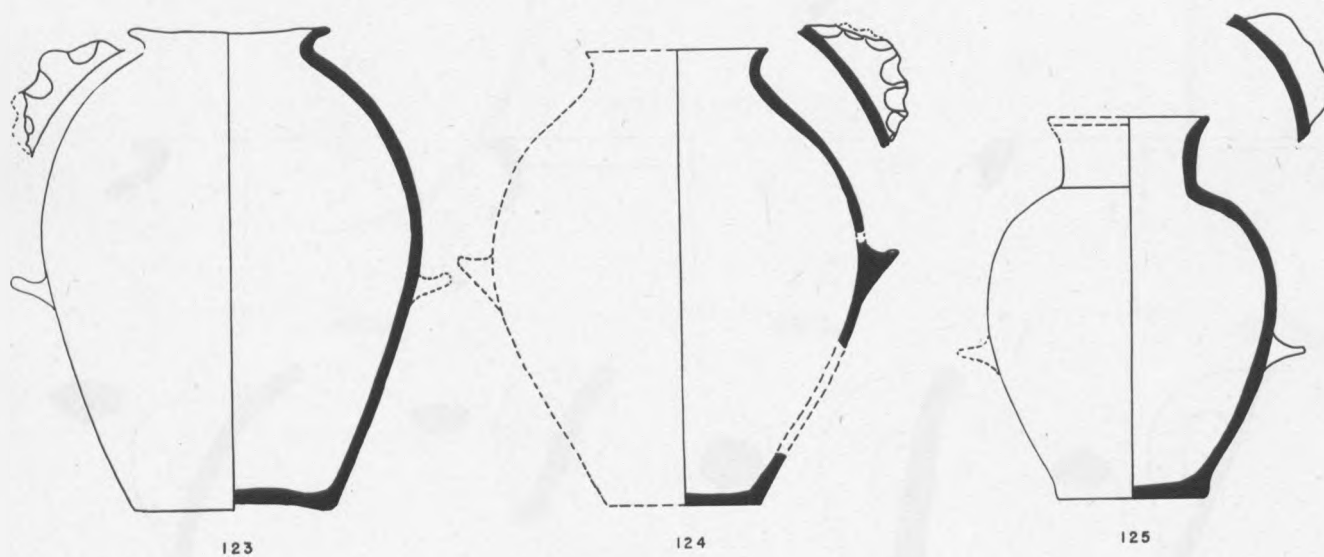


ZÎRS

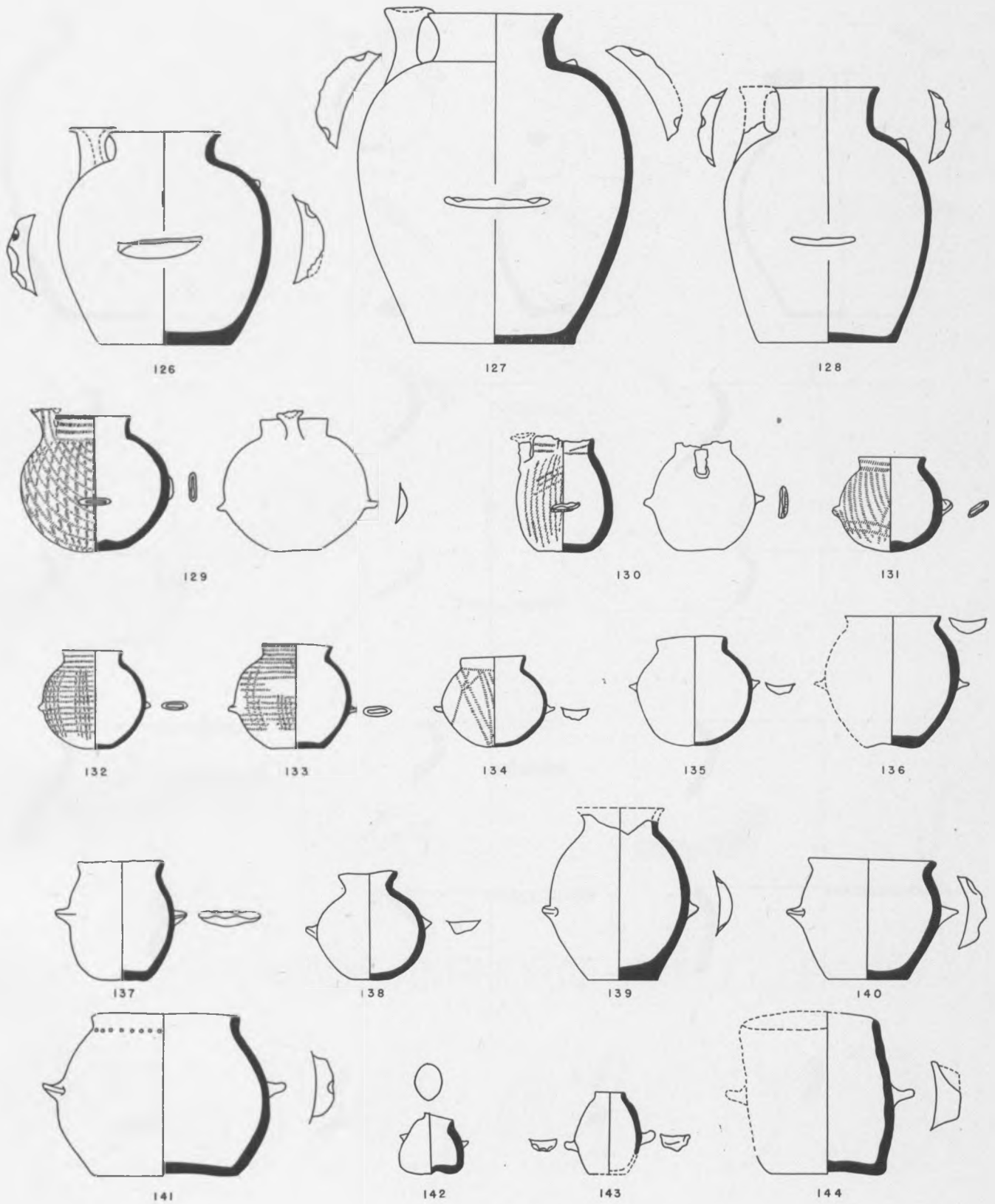




HANDMADE JARS

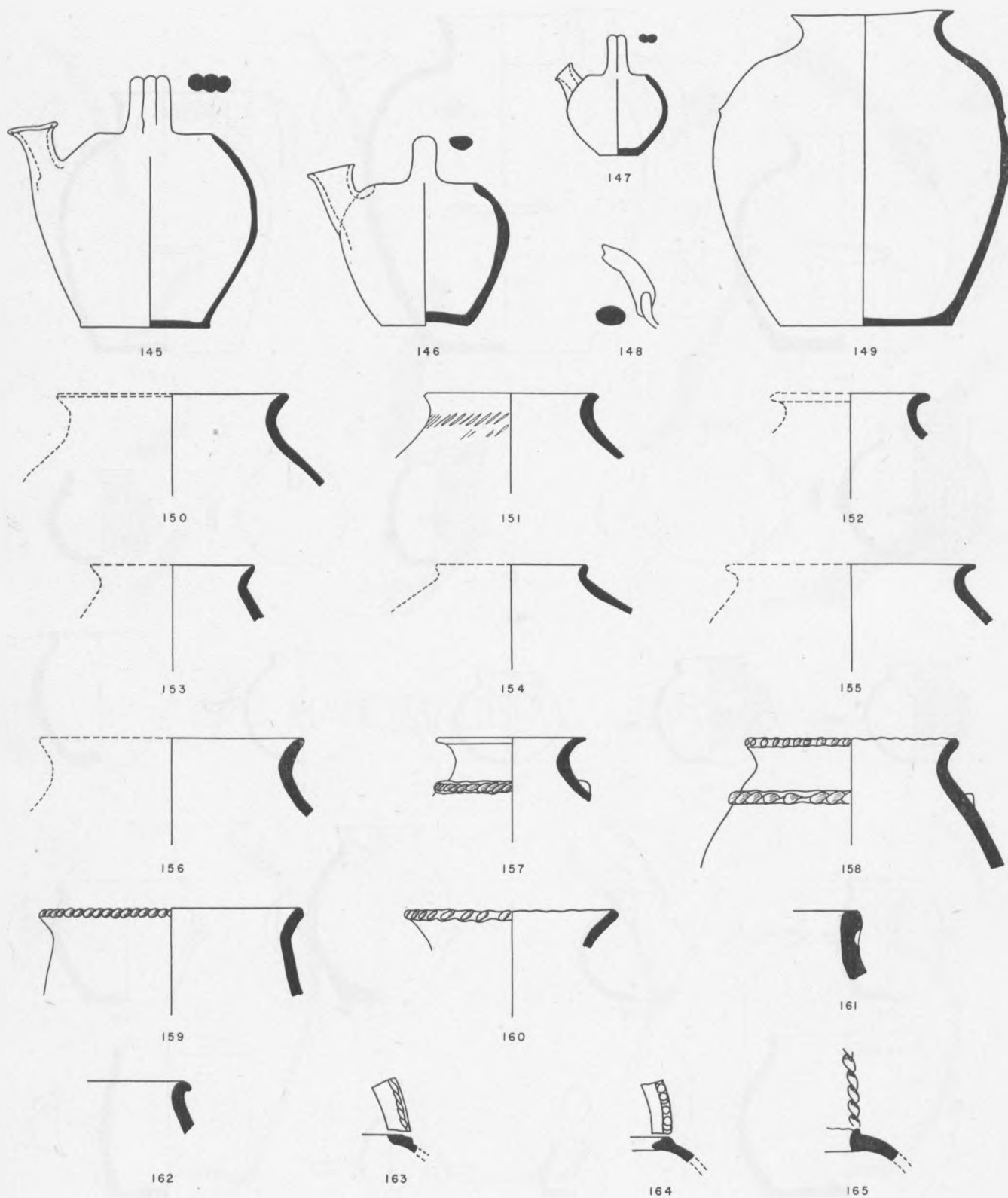






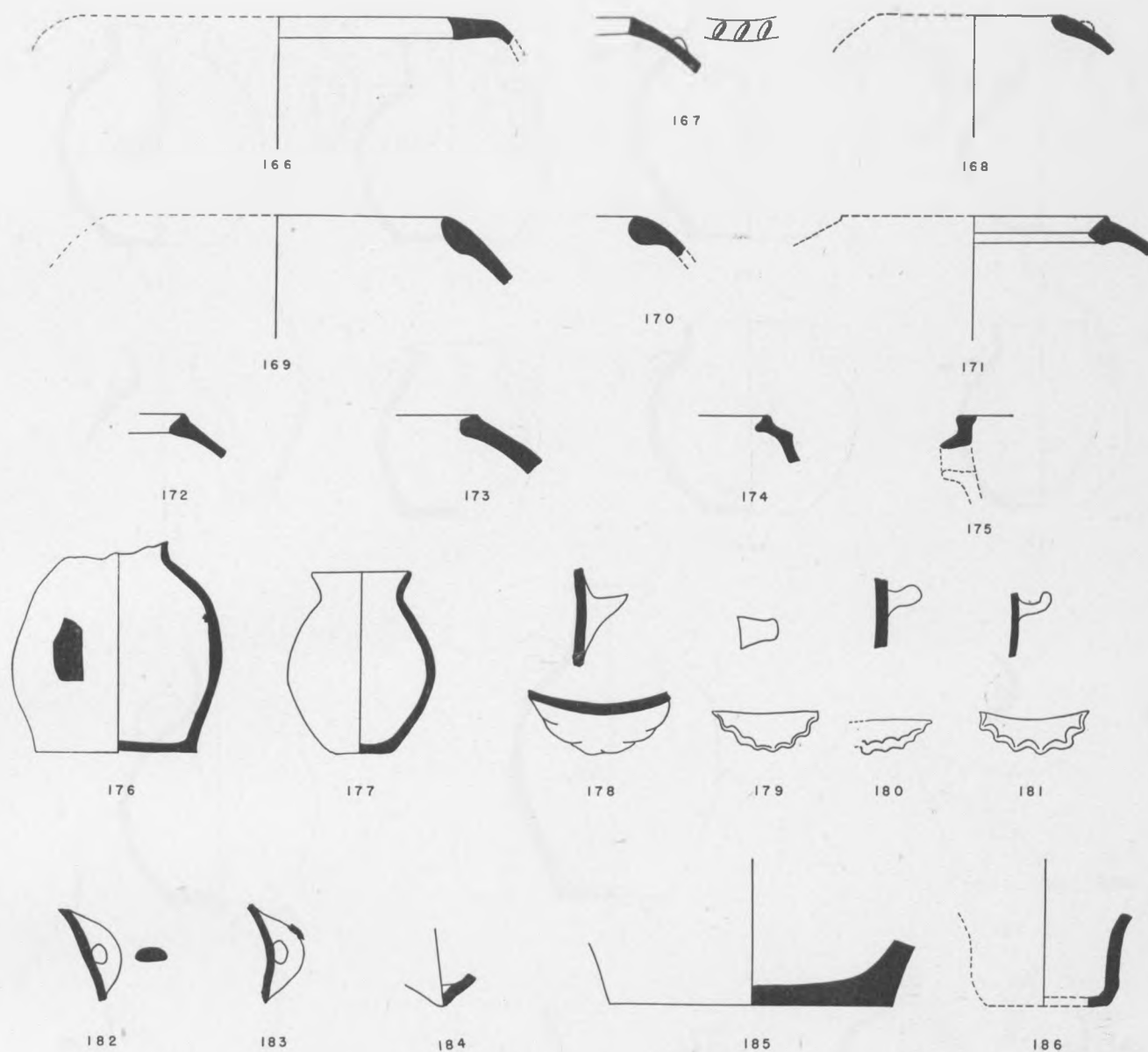
HANDMADE JARS

PLATE 10



1 CMS.

HANDMADE JARS

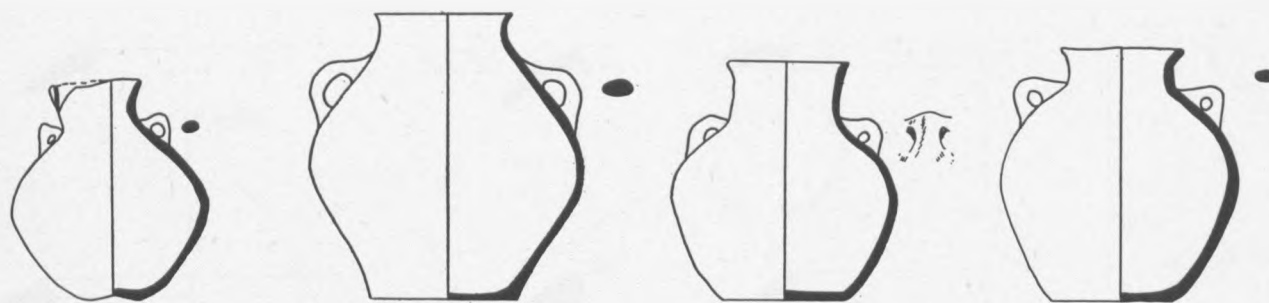


# HANDMADE AMPHORAE-AMPULLAE



## HANDMADE JARS AND AMPHORAE-AMPULLAE

PLATE 12



193

194

195

196



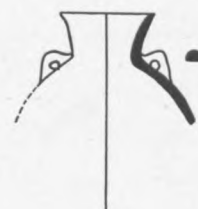
197



198



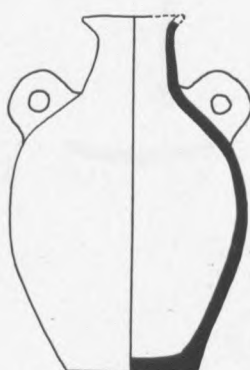
199



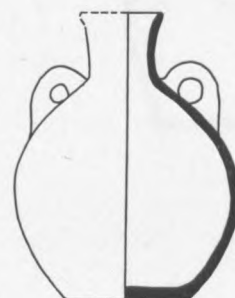
200



201



202



203



204



205



206



207



208



209



210



211



212



213



214



215

CMS.

HANDMADE AMPHORAE-AMPULLAE



216



217



218



219



220



221



222



223



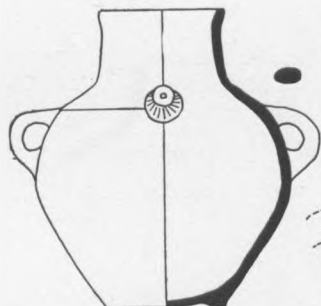
224



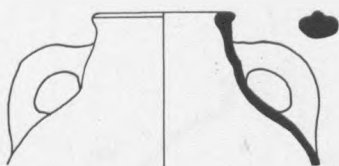
225

## AMPHORAE-AMPULLAE

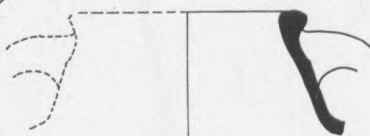
## JARS



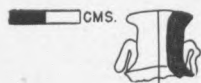
226



227



228



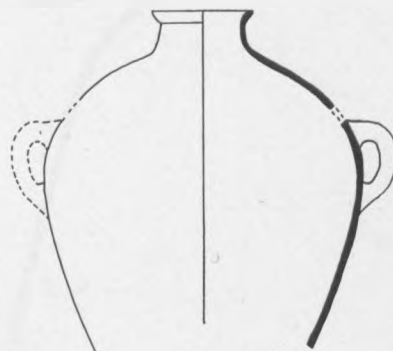
229



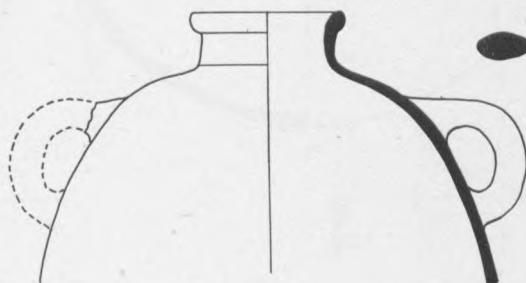
230



231



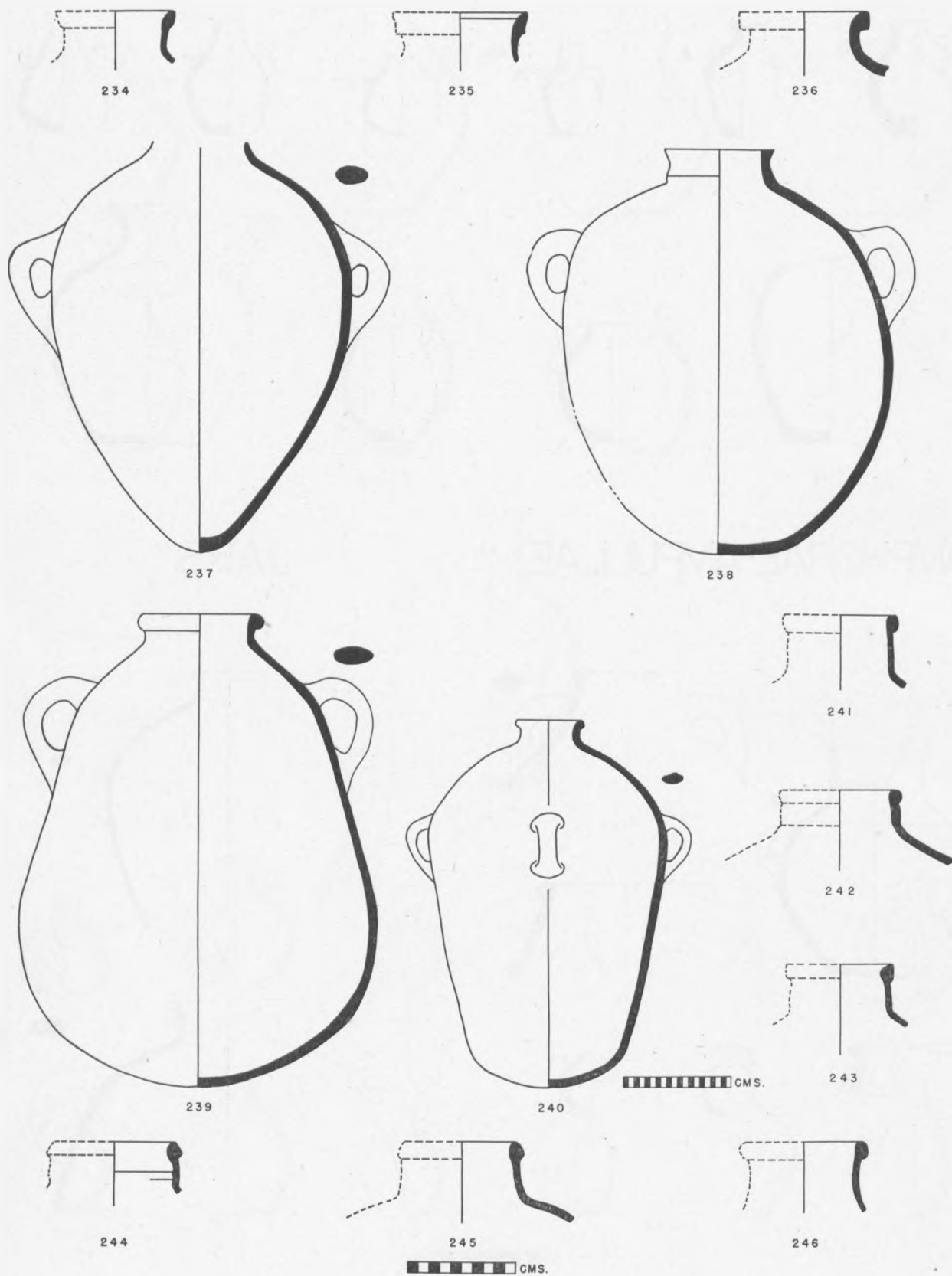
232



233

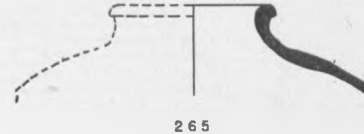
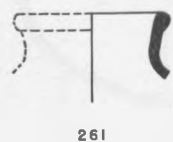
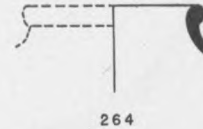
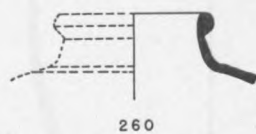
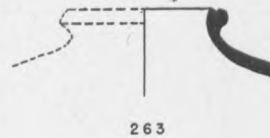
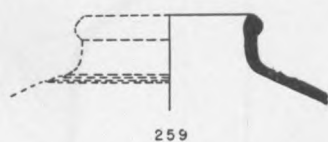
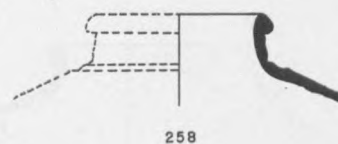
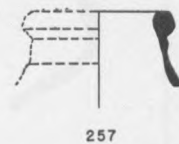
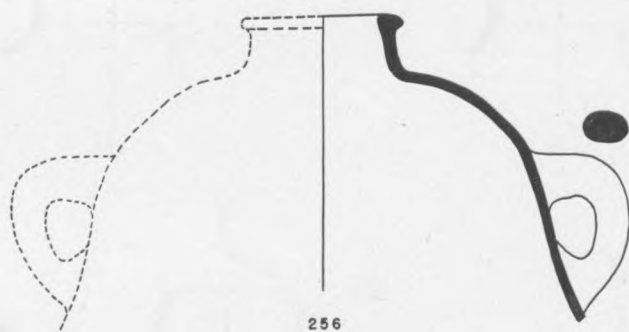
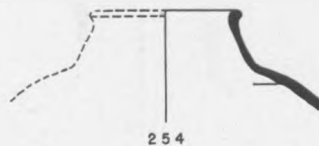
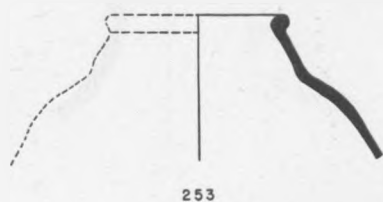
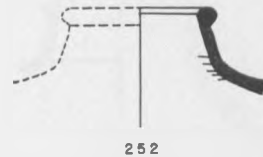
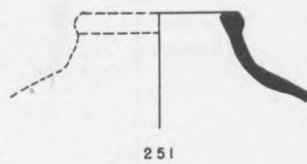
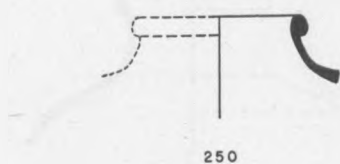
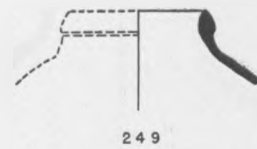
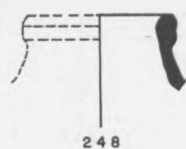
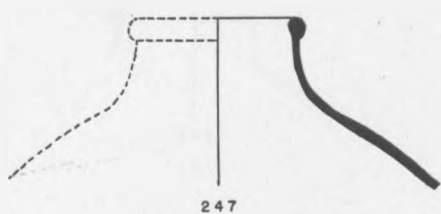


PLATE 14



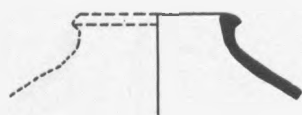
JARS





JARS

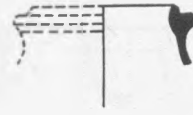
PLATE 16



266



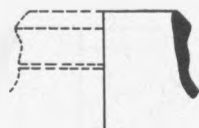
267



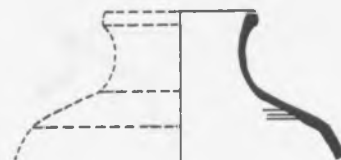
268



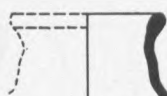
269



270



271



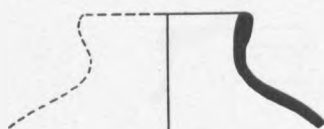
272



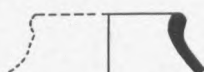
273



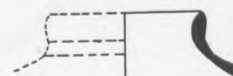
274



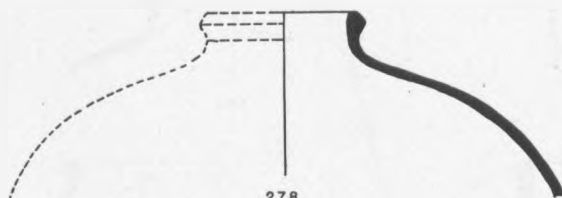
275



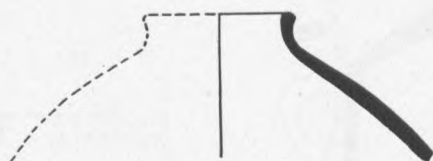
276



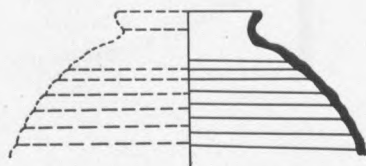
277



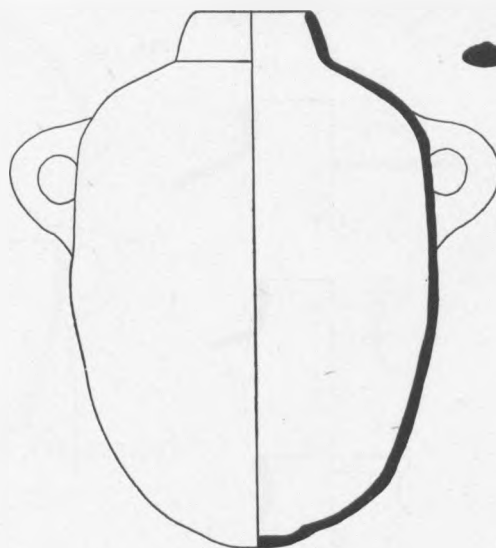
278



279



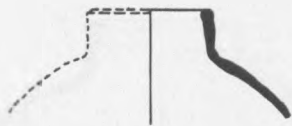
280



281



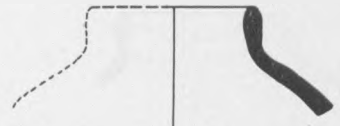
JARS



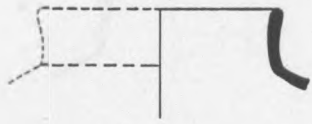
282



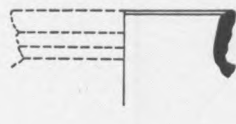
283



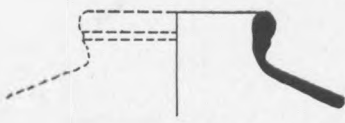
284



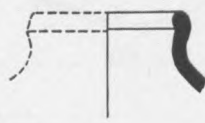
285



286



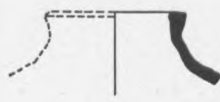
287



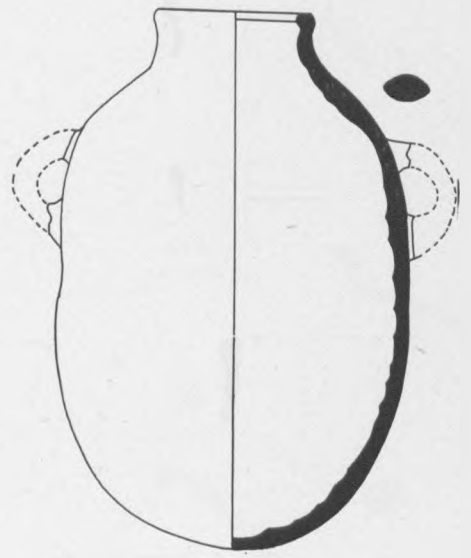
288



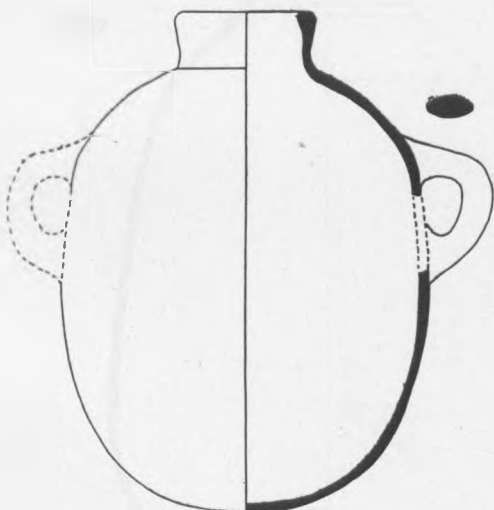
289



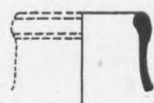
290



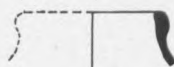
291



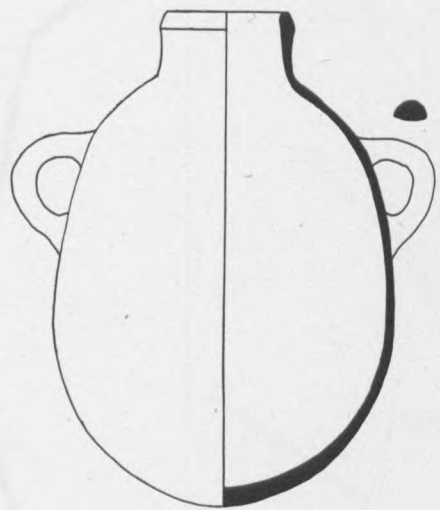
292



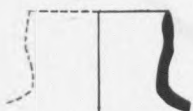
293



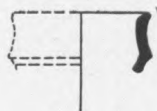
294



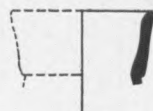
295



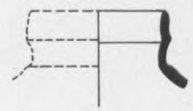
296



297



298

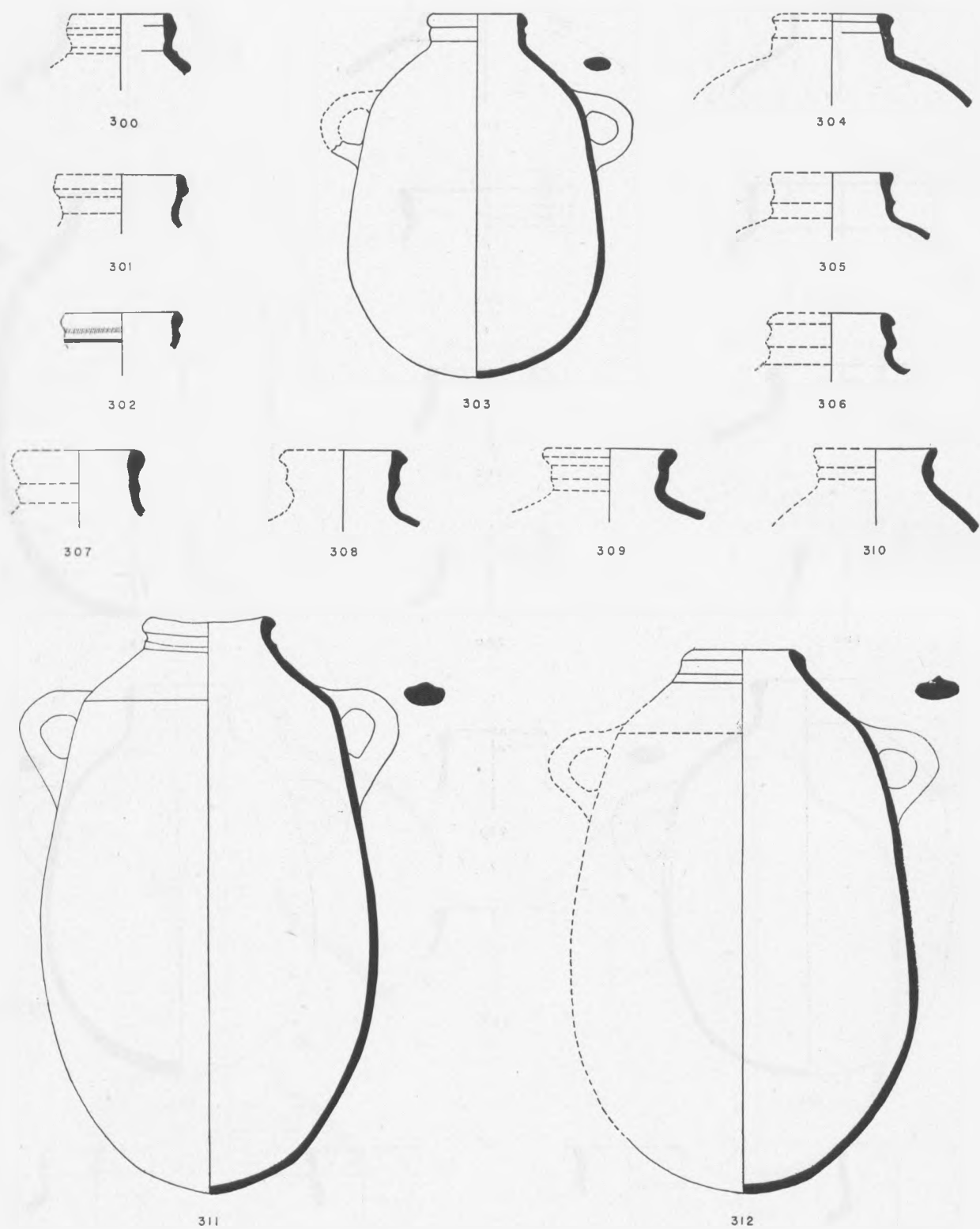


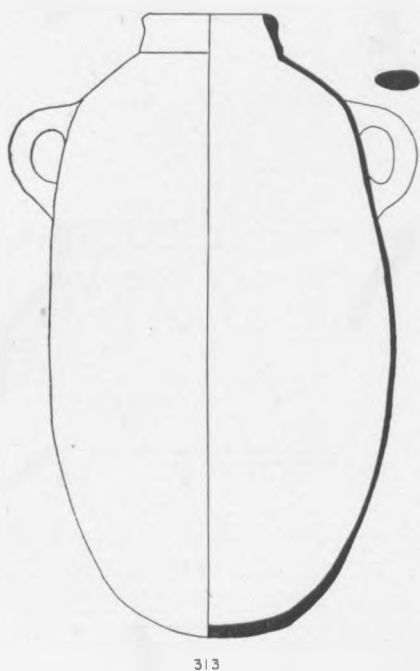
299



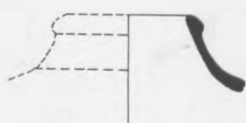
JARS

PLATE 18

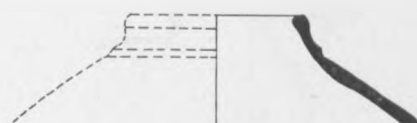




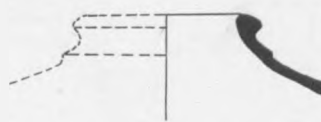
313



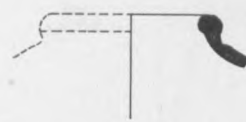
314



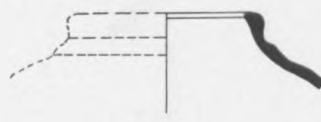
315



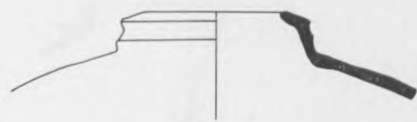
316



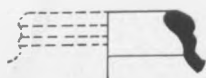
317



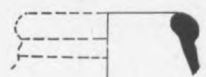
318



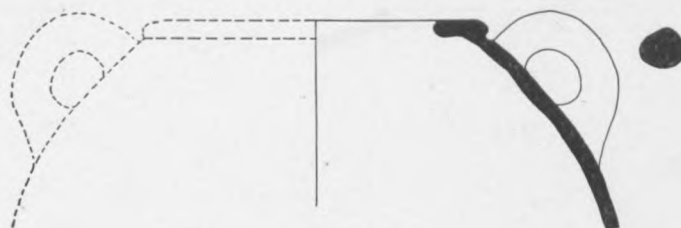
319



320



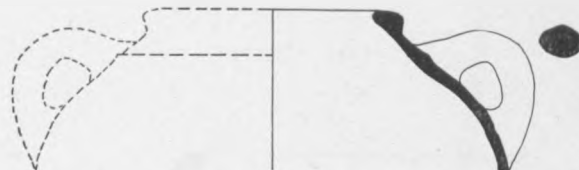
321



322



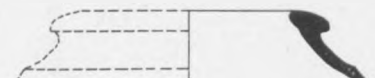
323



324



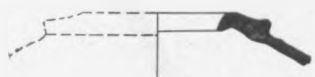
325



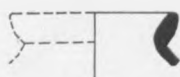
326



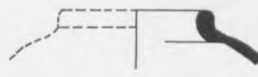
327



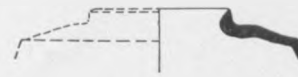
328



329



330



331



PLATE 20



332



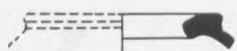
333



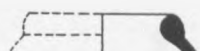
334



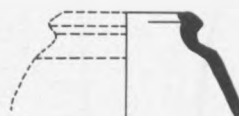
335



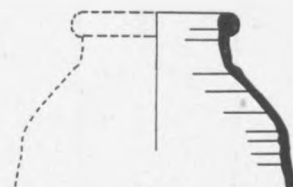
336



337



338



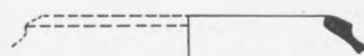
339



340



341



342



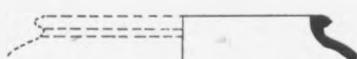
343



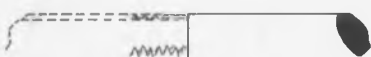
344



345



346



347



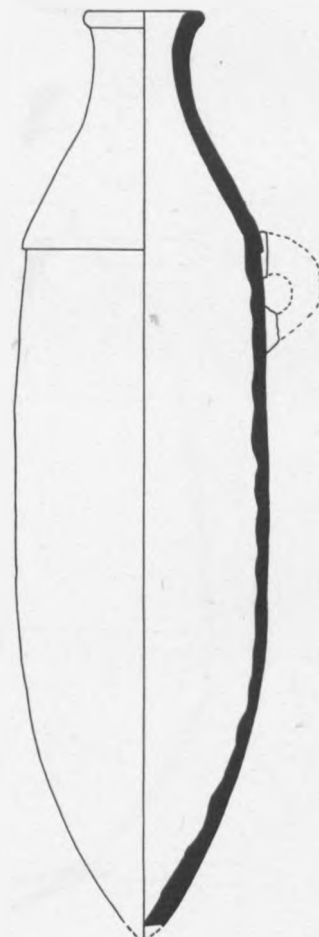
348



349



350

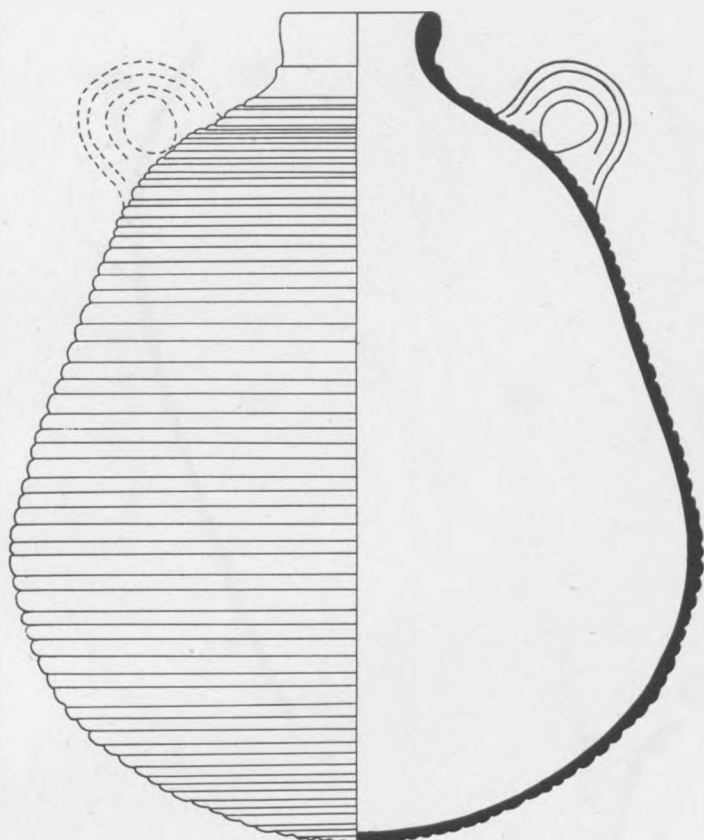


351

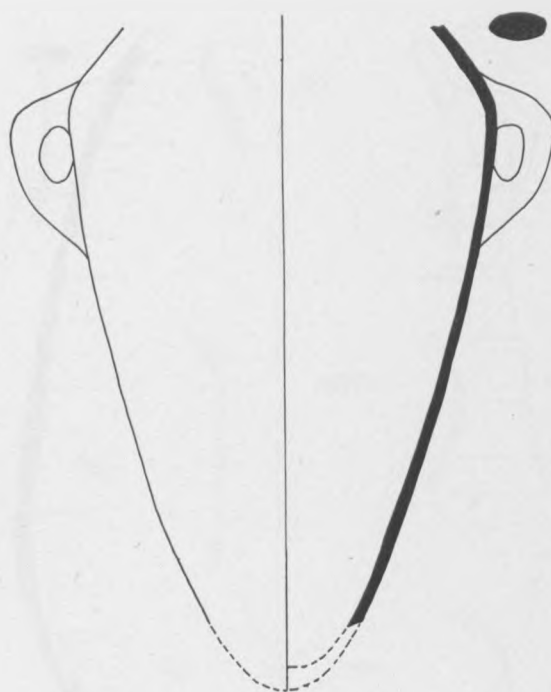


JARS

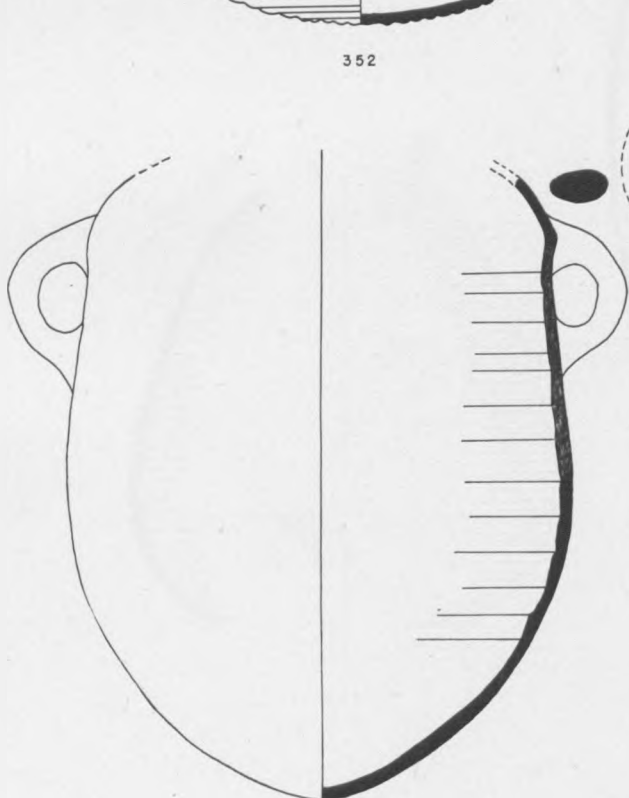




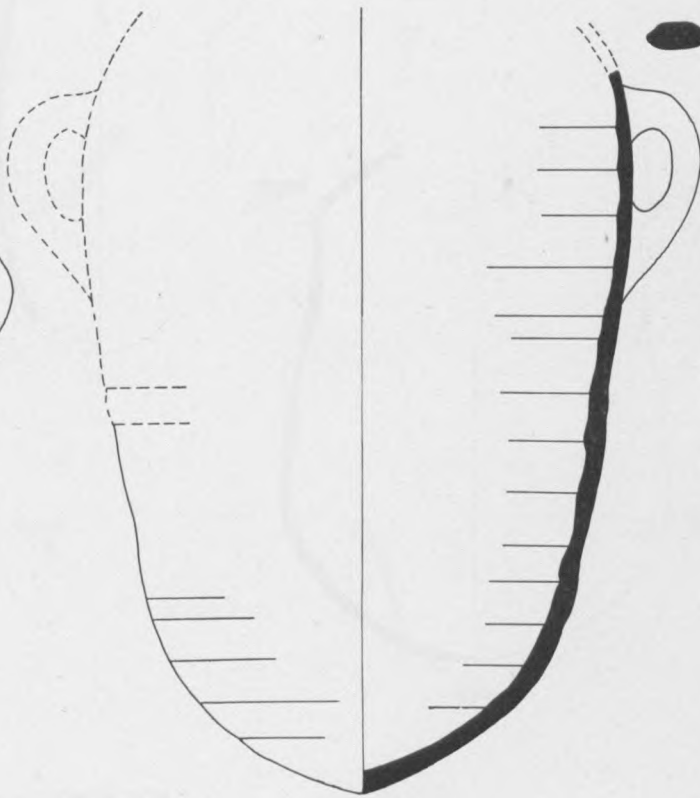
352



353



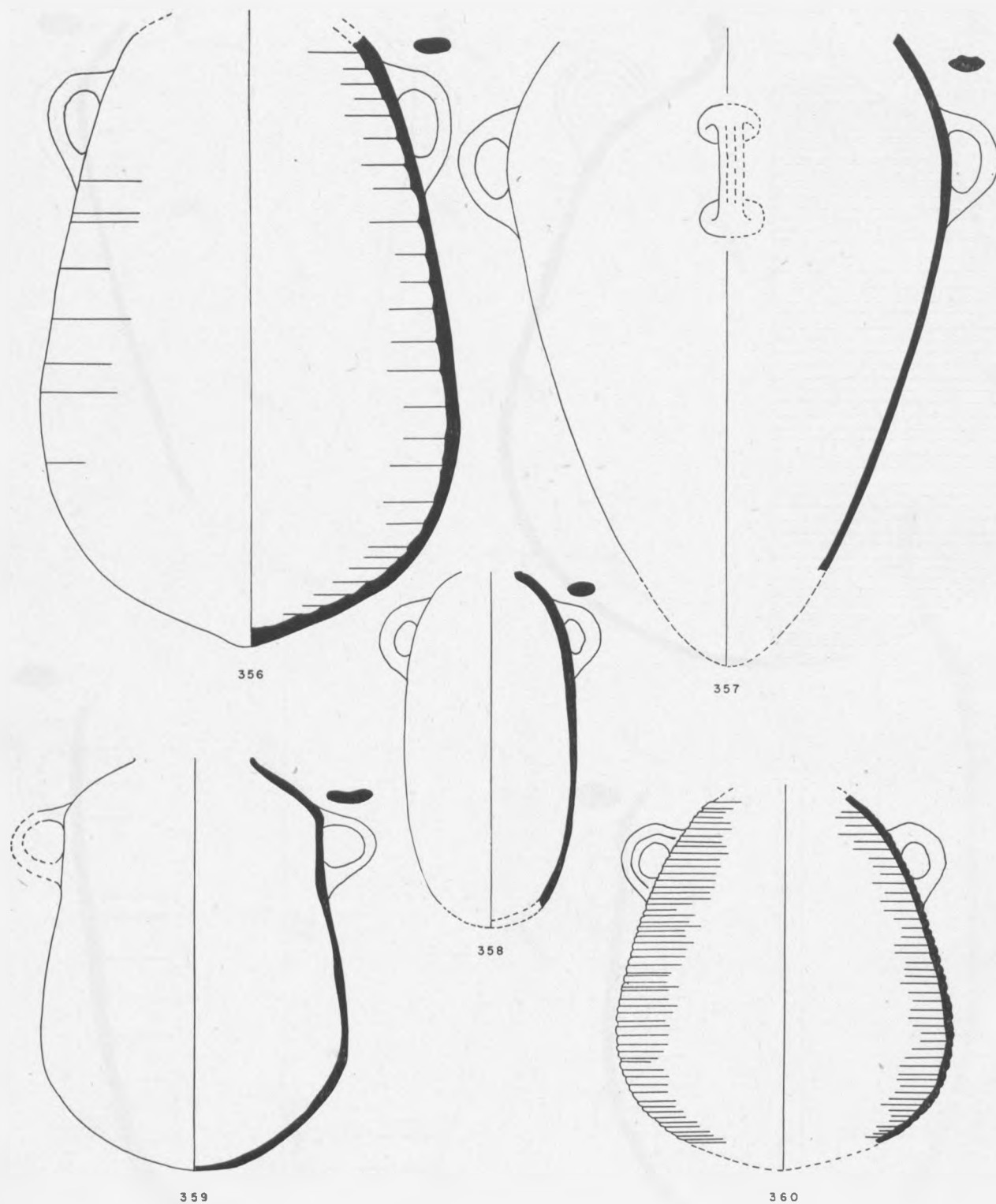
354



355

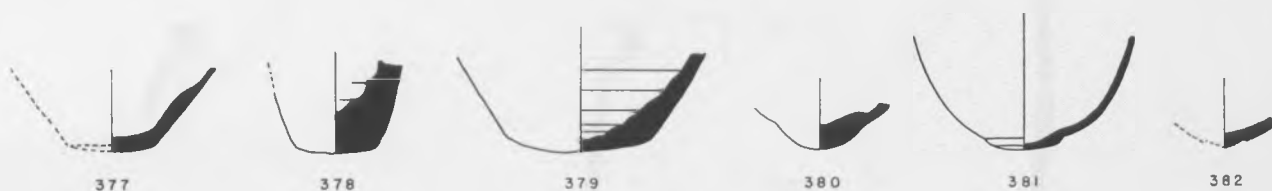
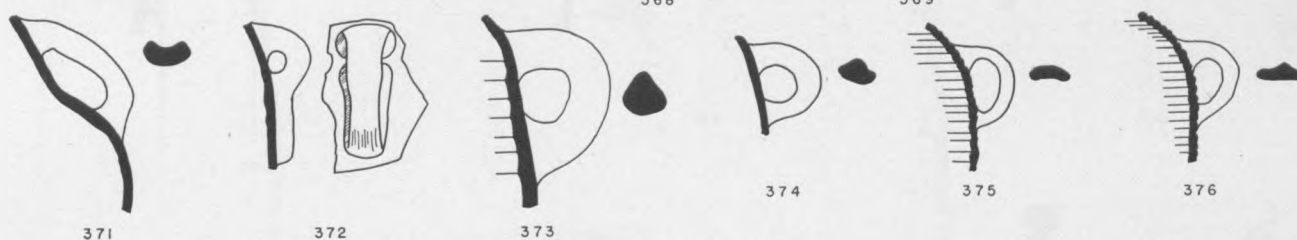


JARS

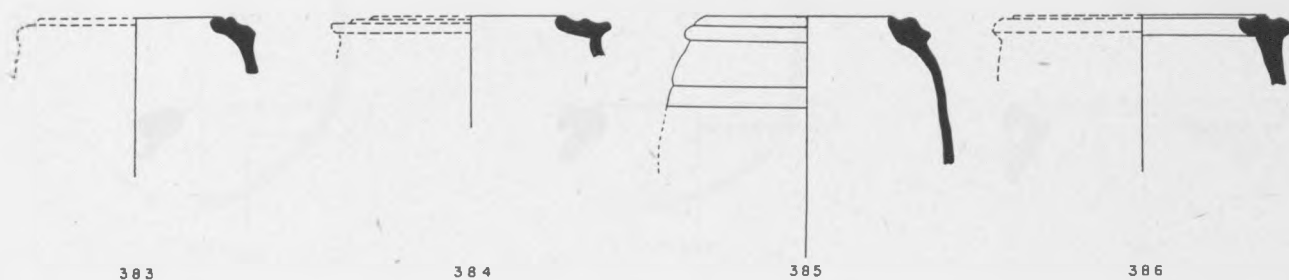


1 2 3 4 5 6 7 8 9 10 CMS.

JARS

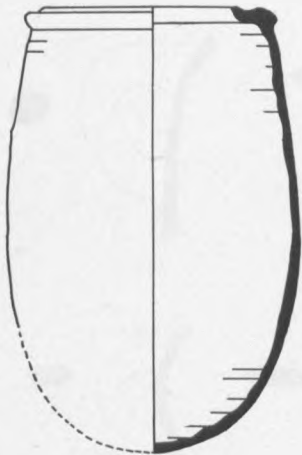


## CYLINDRICAL JARS

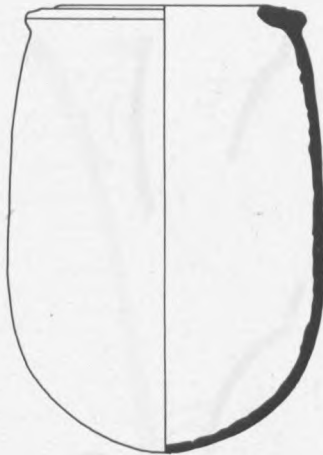


JARS

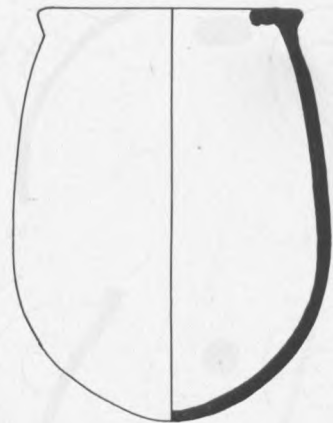
PLATE 24



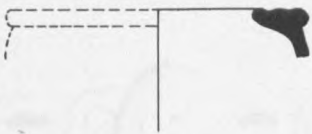
387



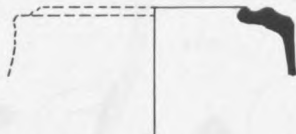
388



389



390



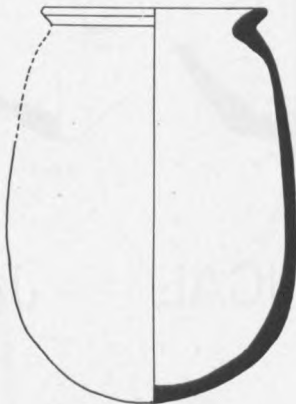
391



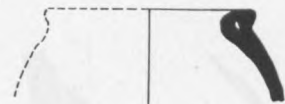
392



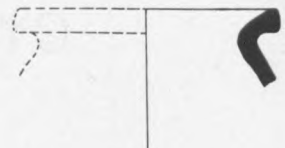
393



394



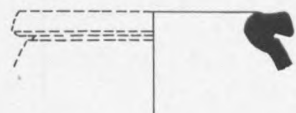
395



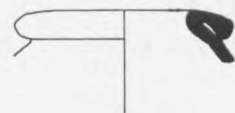
396



397



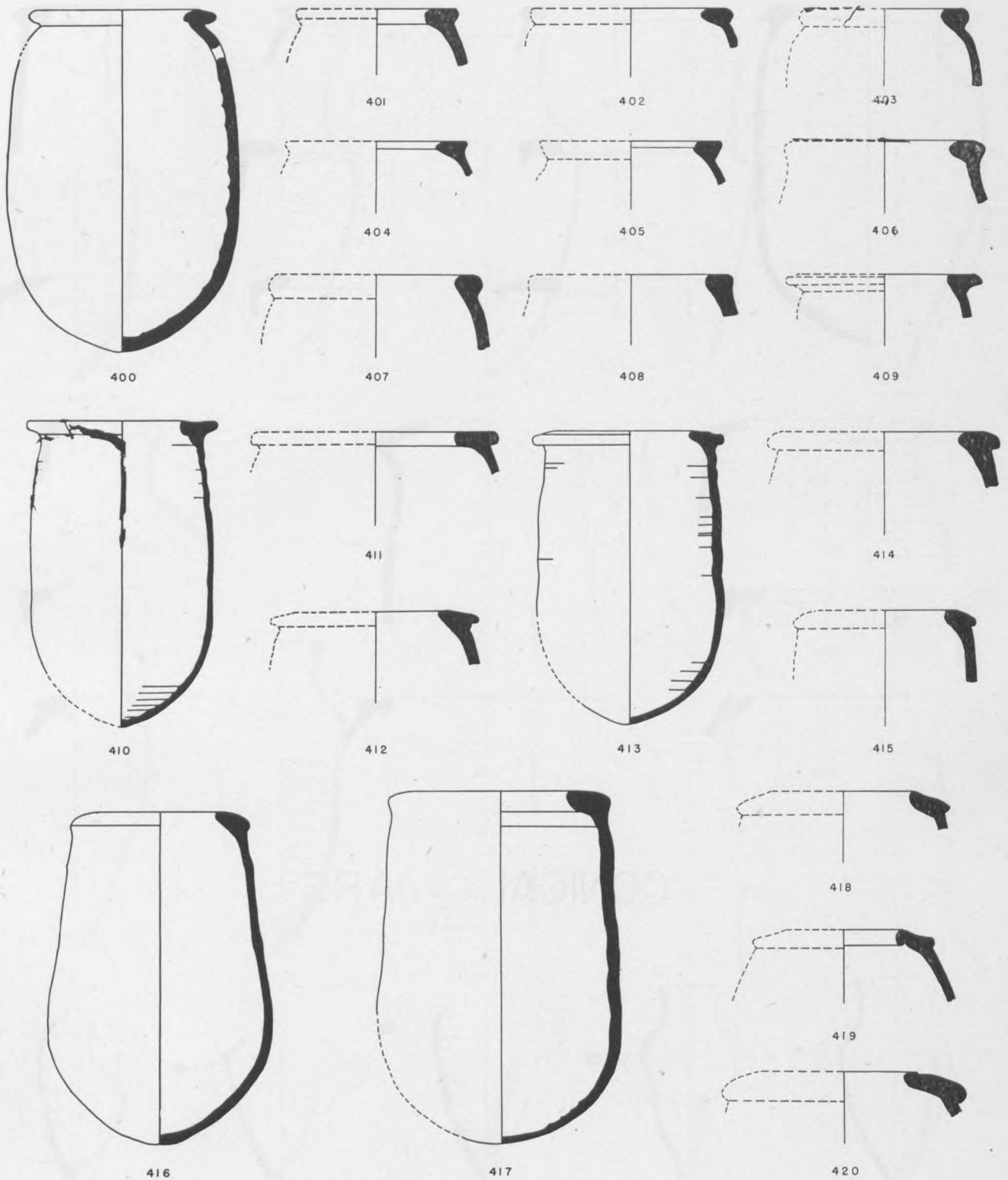
398



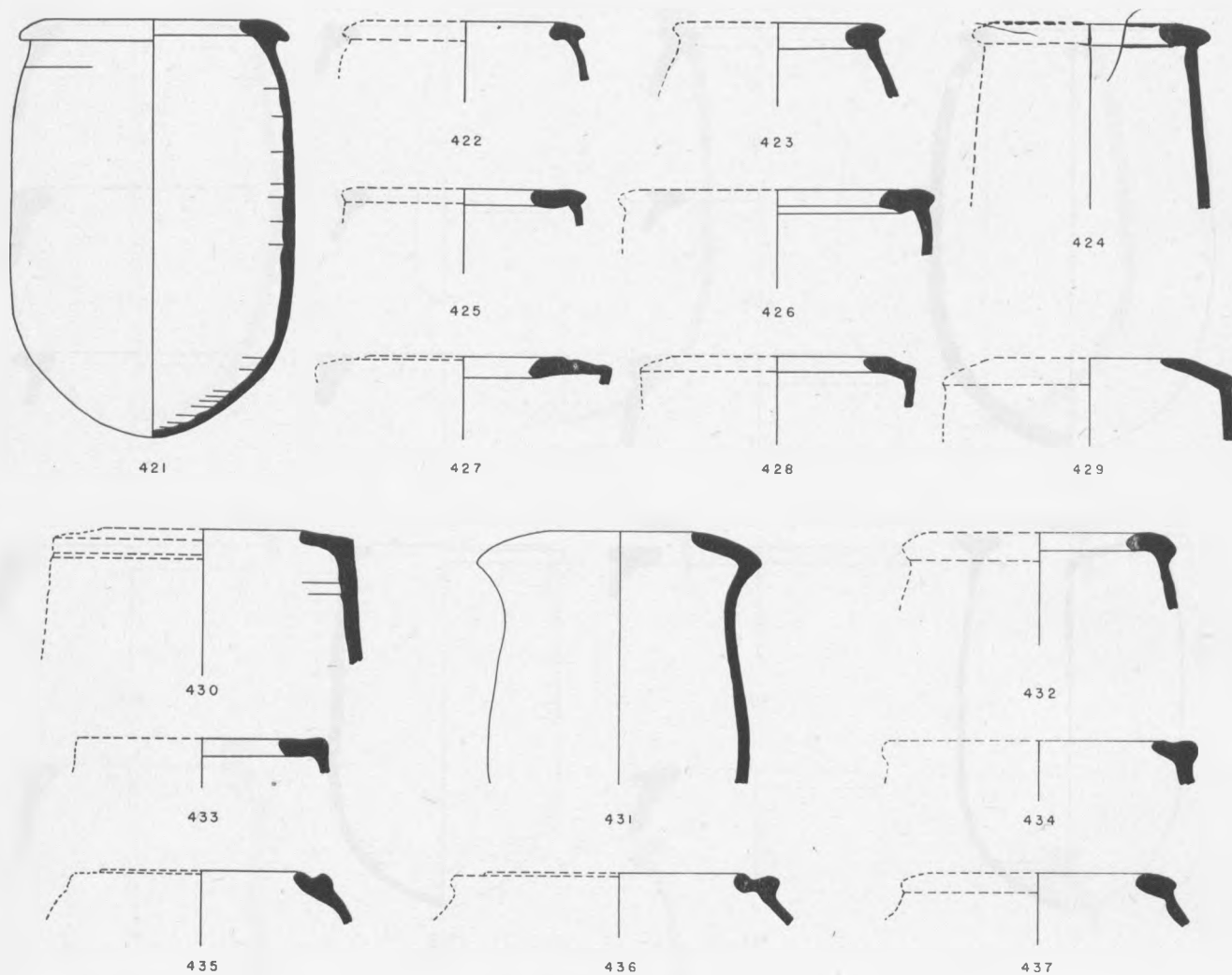
399



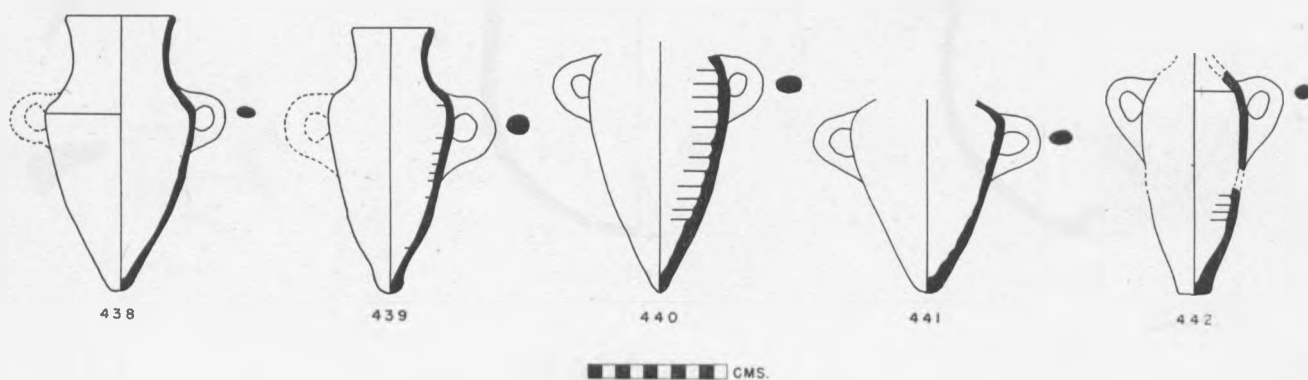
CYLINDRICAL JARS



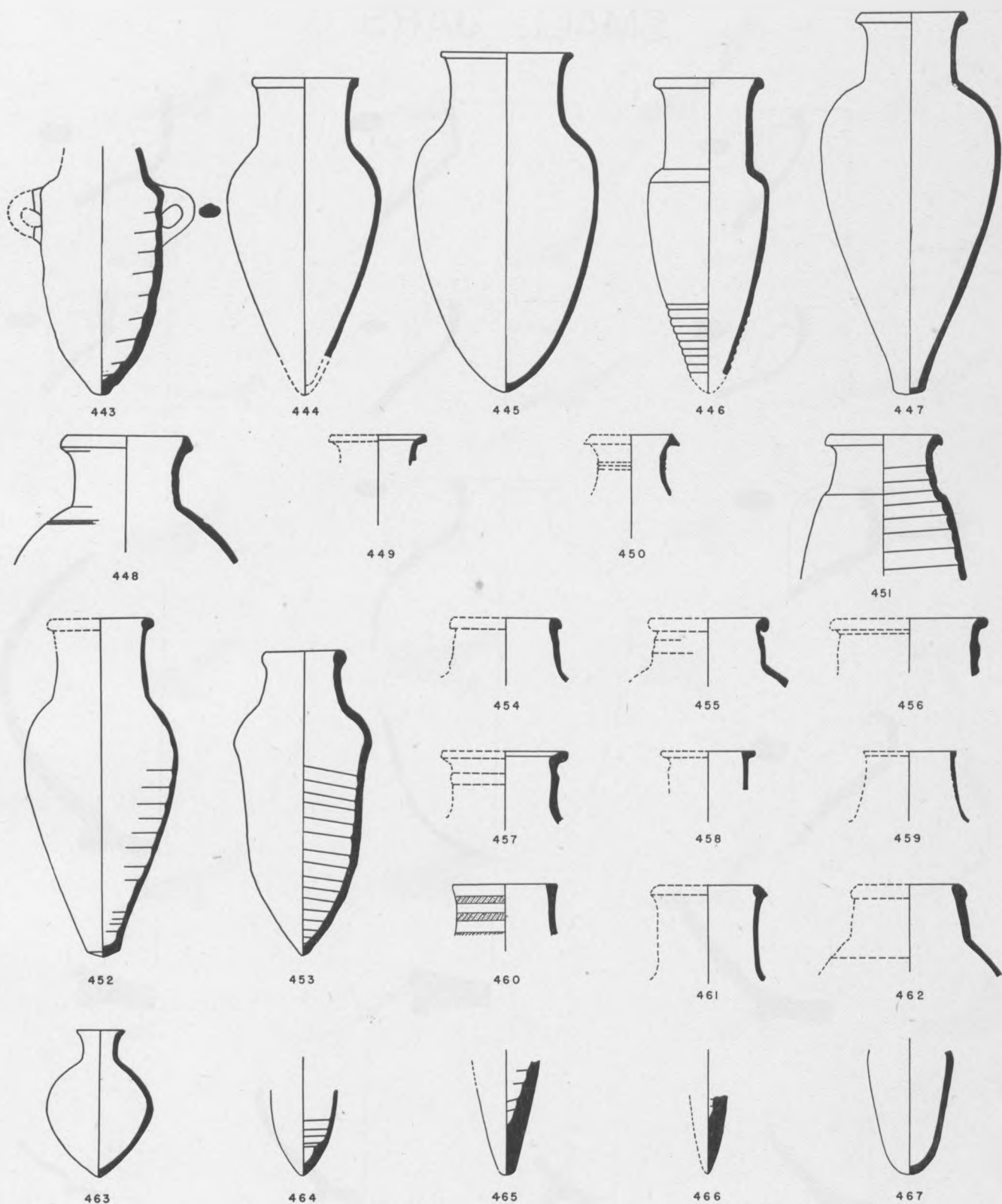
CYLINDRICAL JARS



## CONICAL JARS

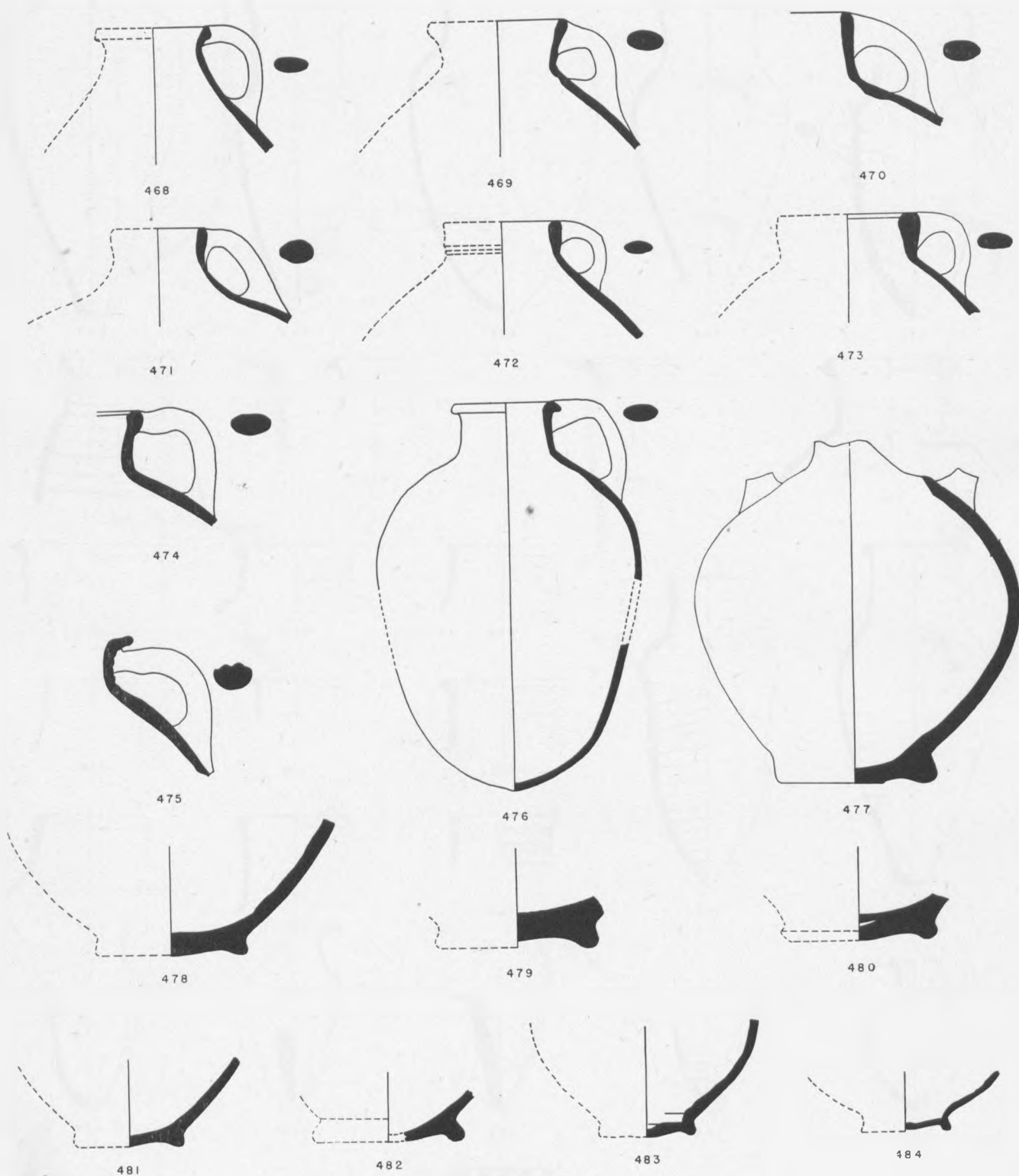


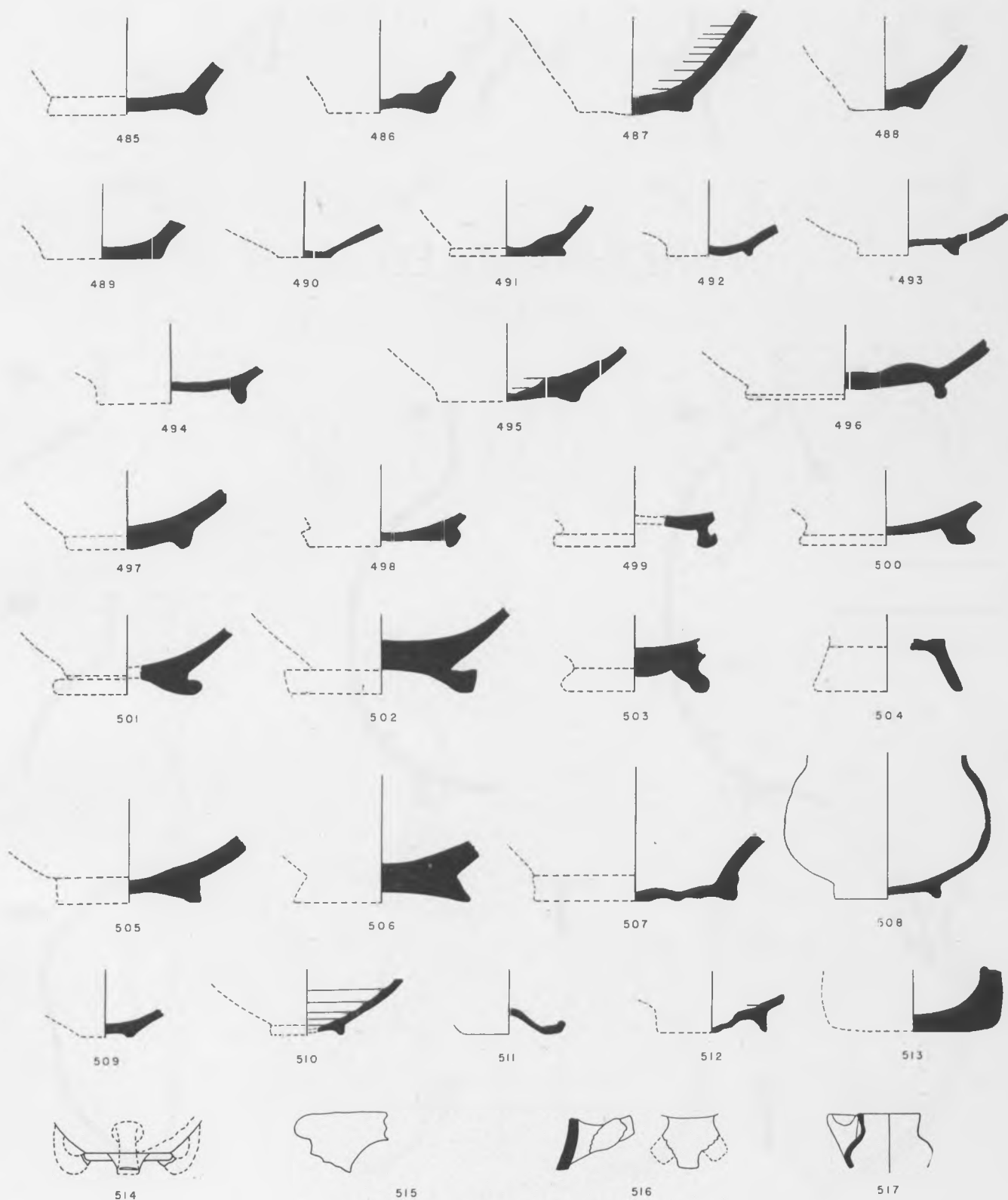




CONICAL JARS

# SMALL JARS





SMALL JARS



518



519



520

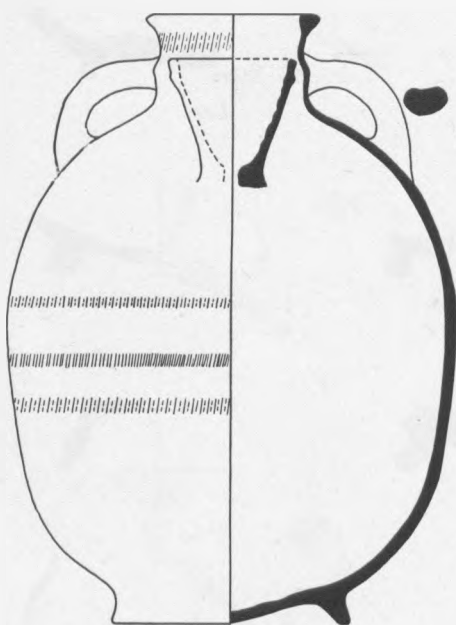


521

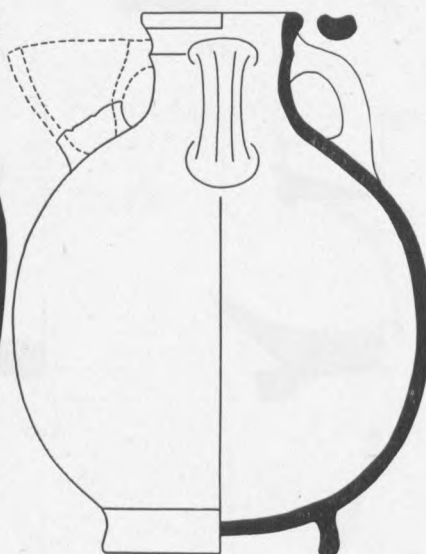


522

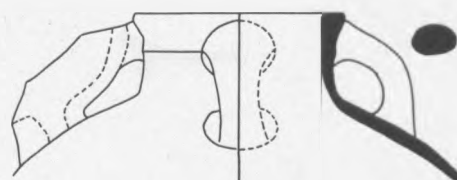
## THREE-HANDLED JARS



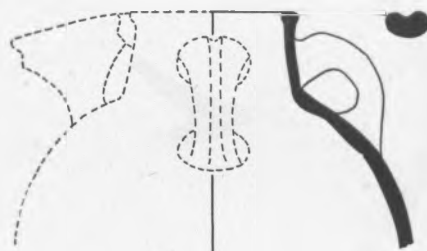
523



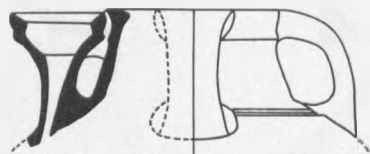
524



525



526



527



528



529



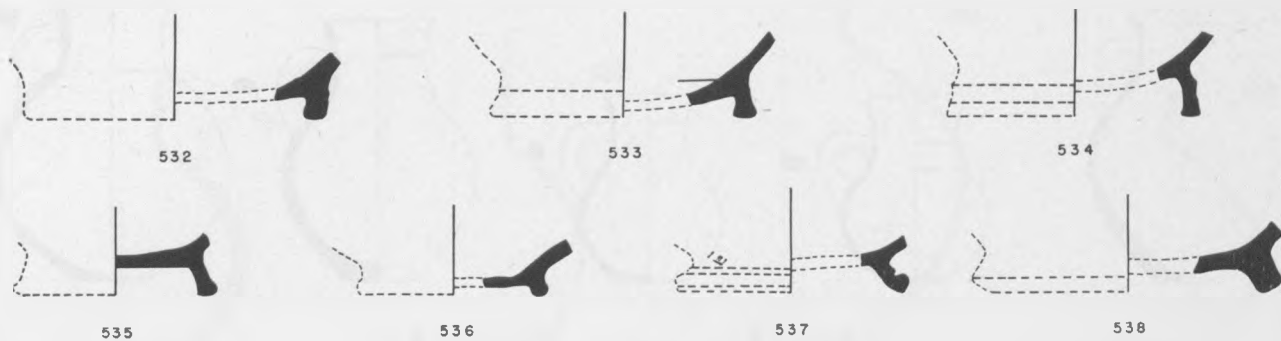
530



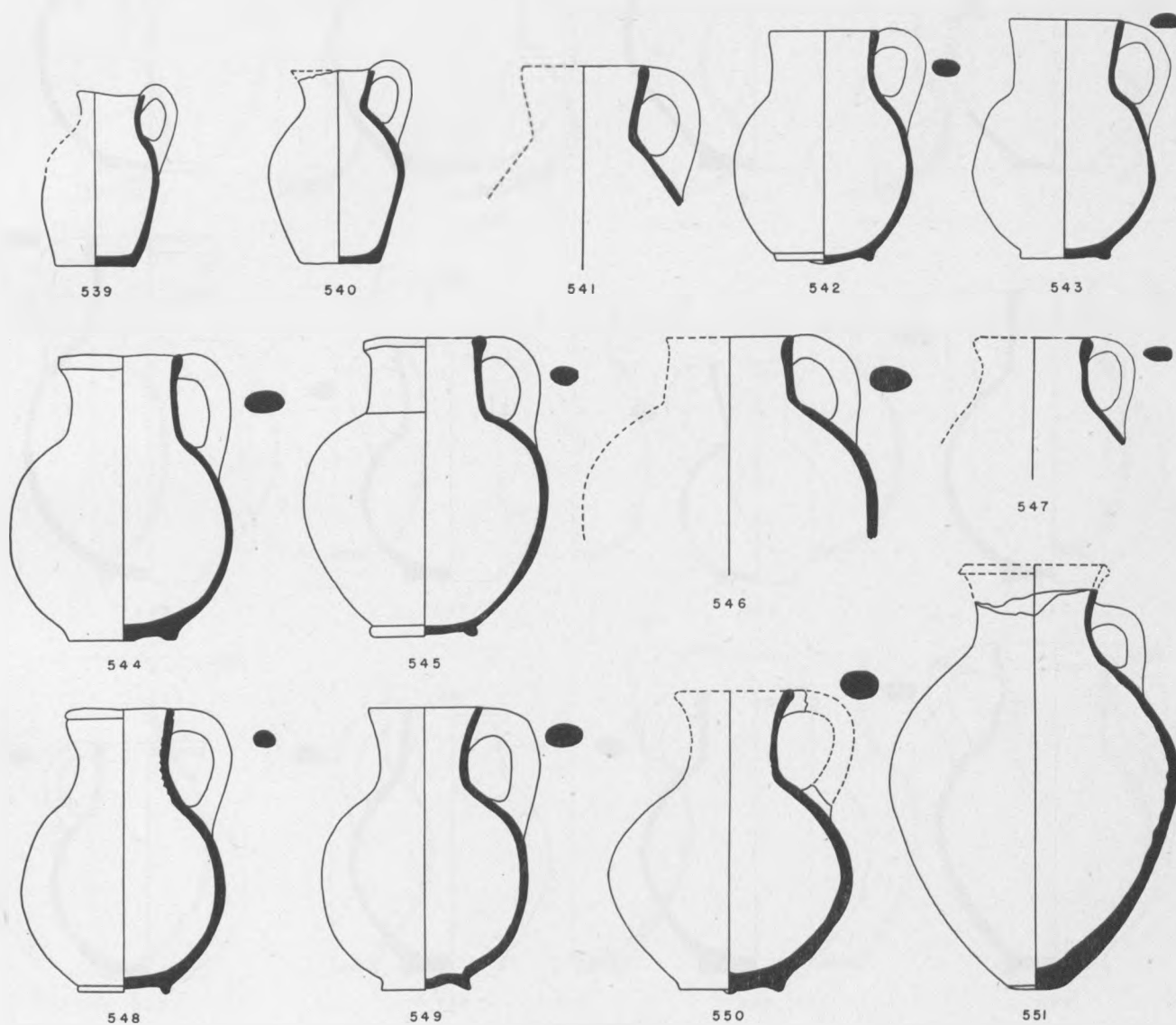
531

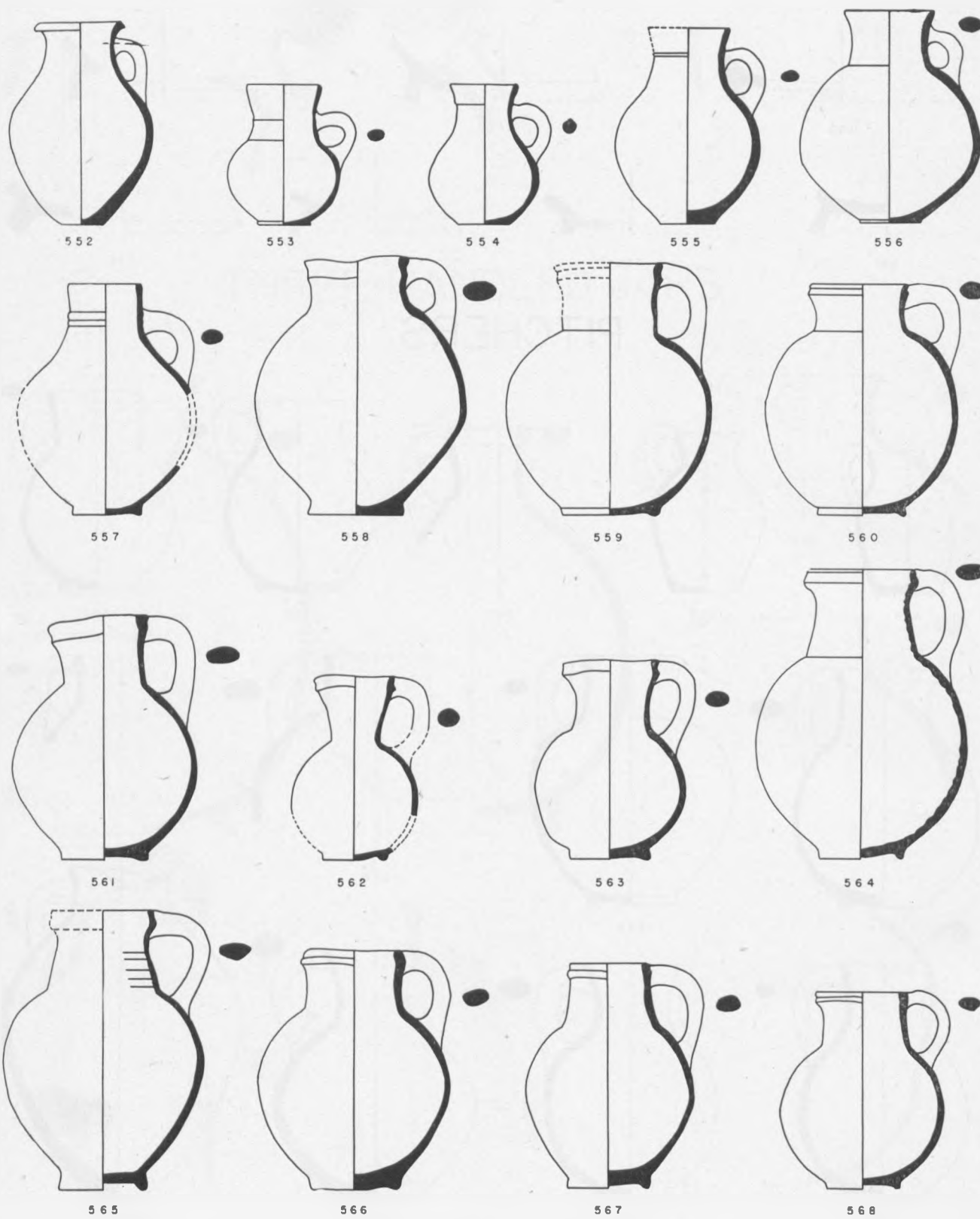


JARS



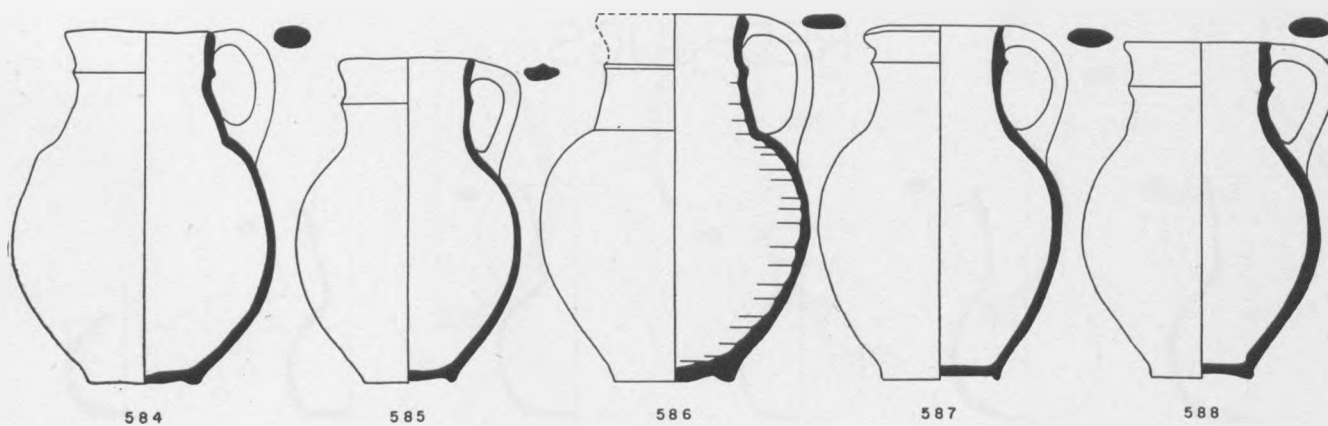
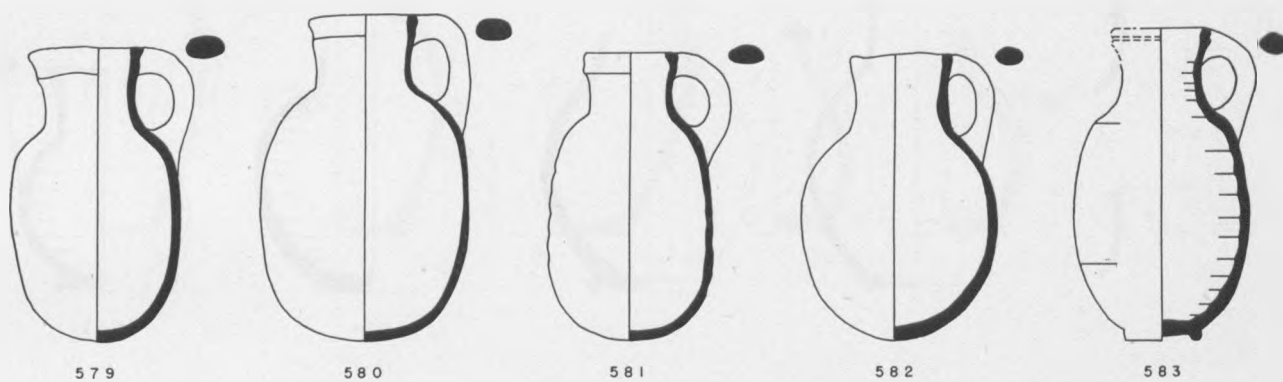
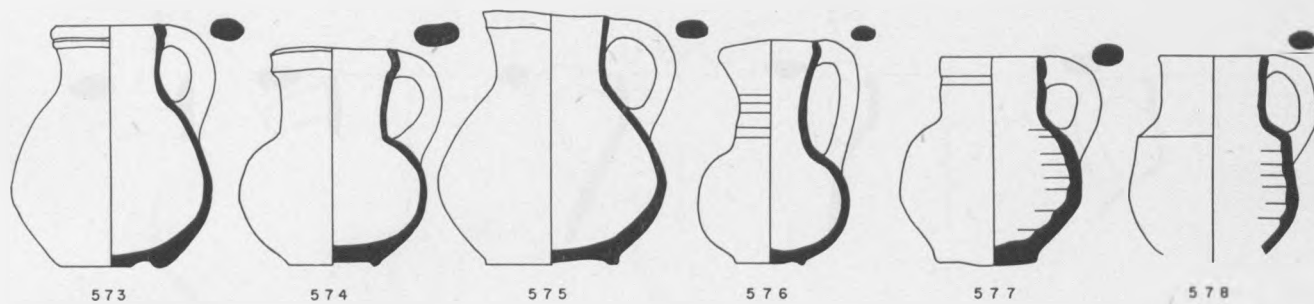
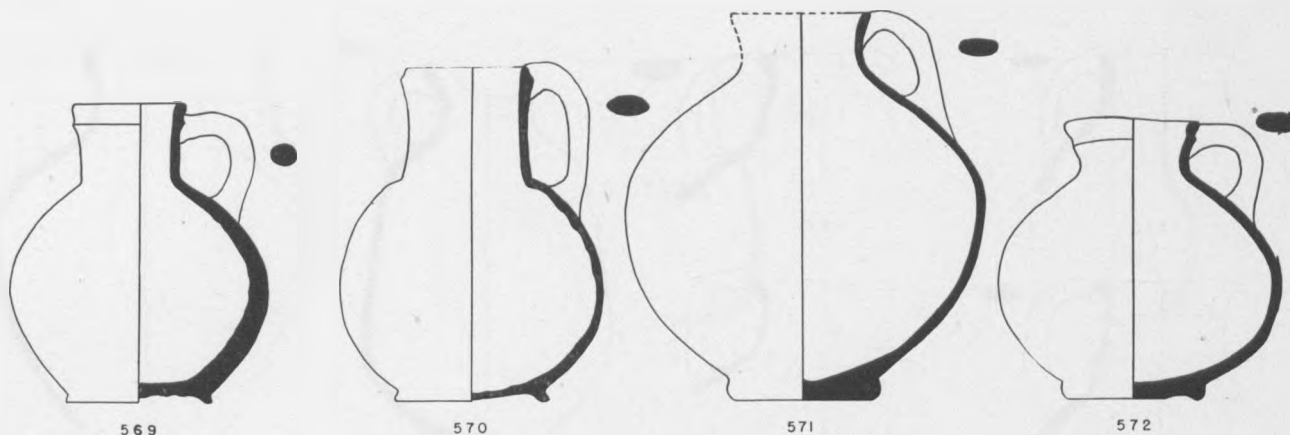
## PITCHERS





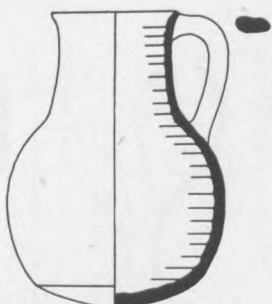
PITCHERS





PITCHERS

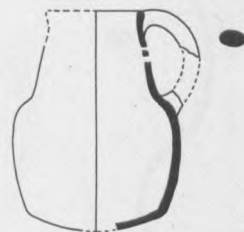




612

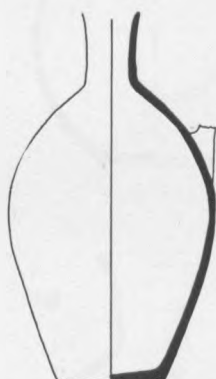


613

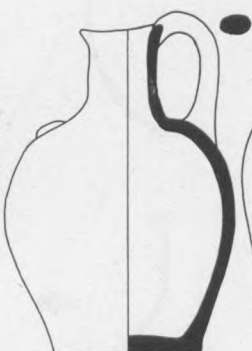


614

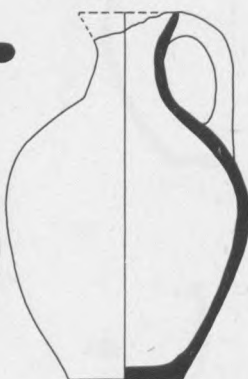
# JUGS



615



616



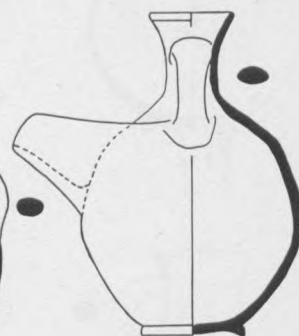
617



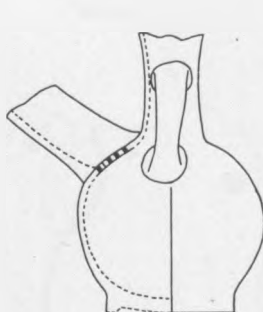
618



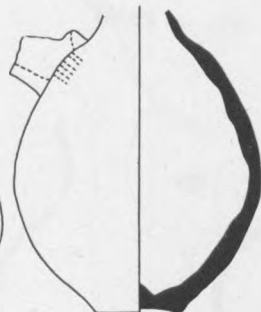
619



620



621



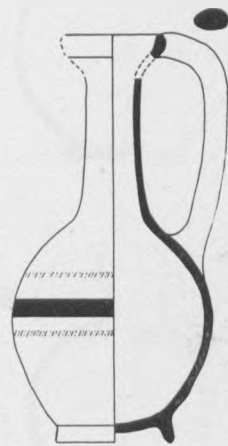
622



623



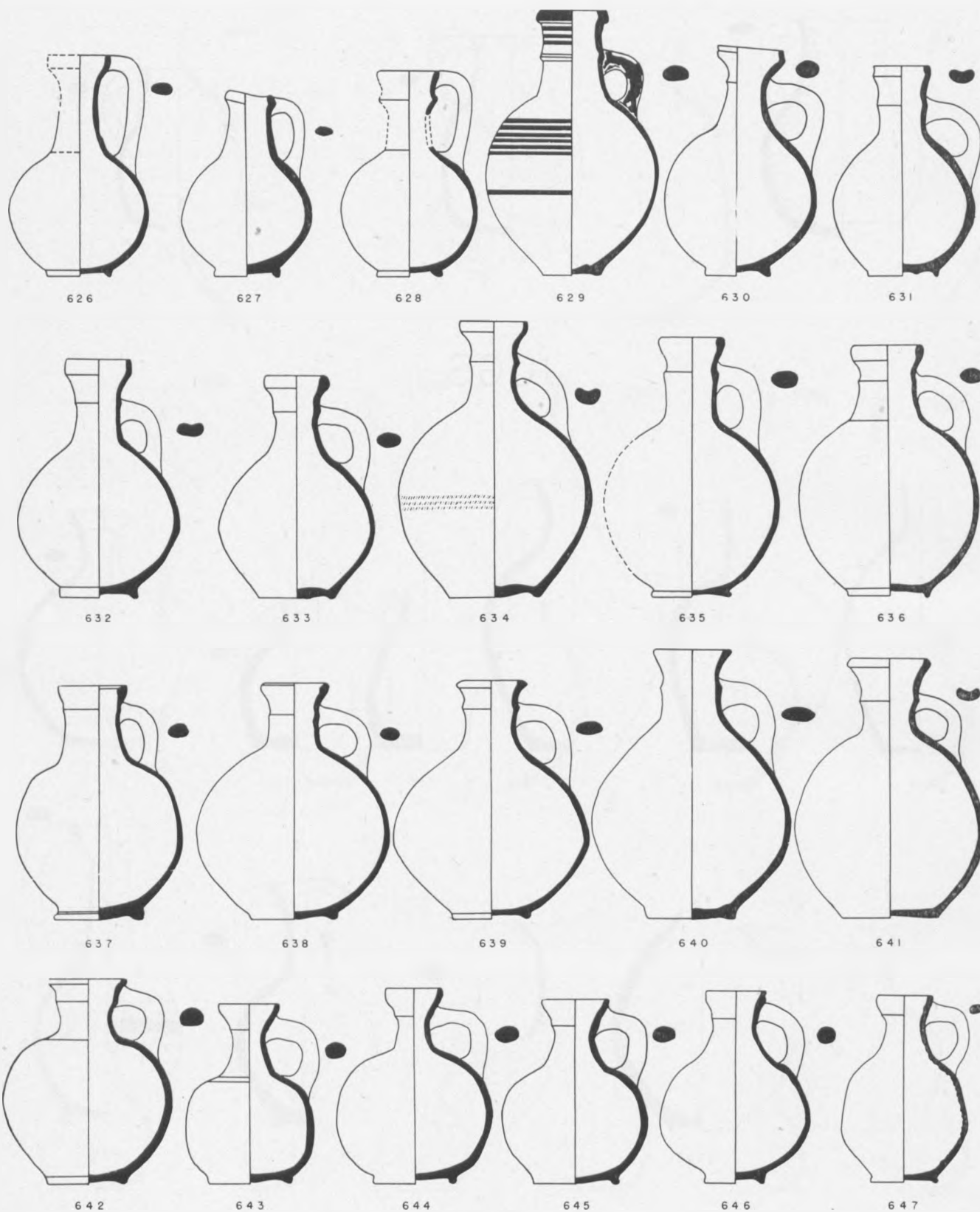
624

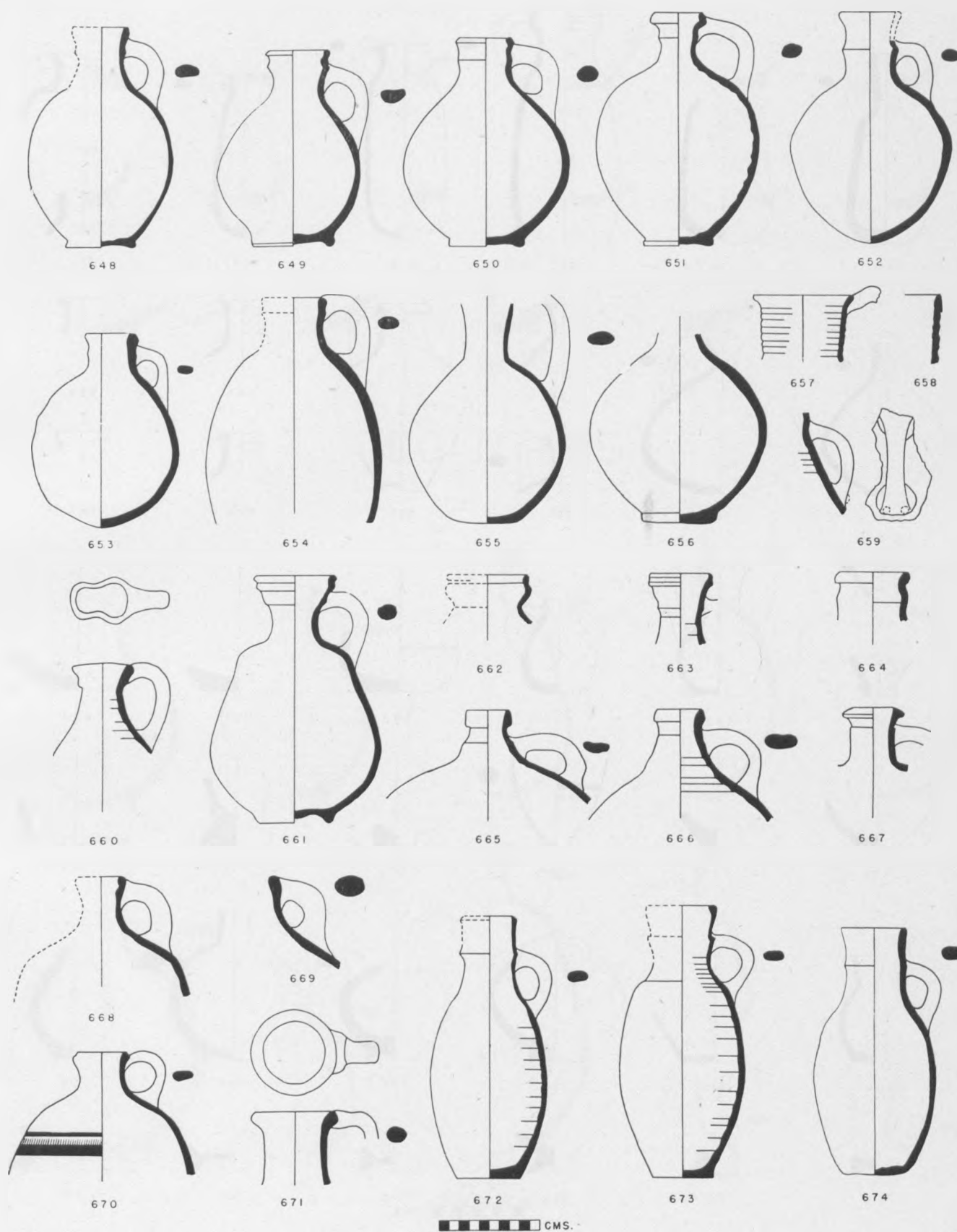


625

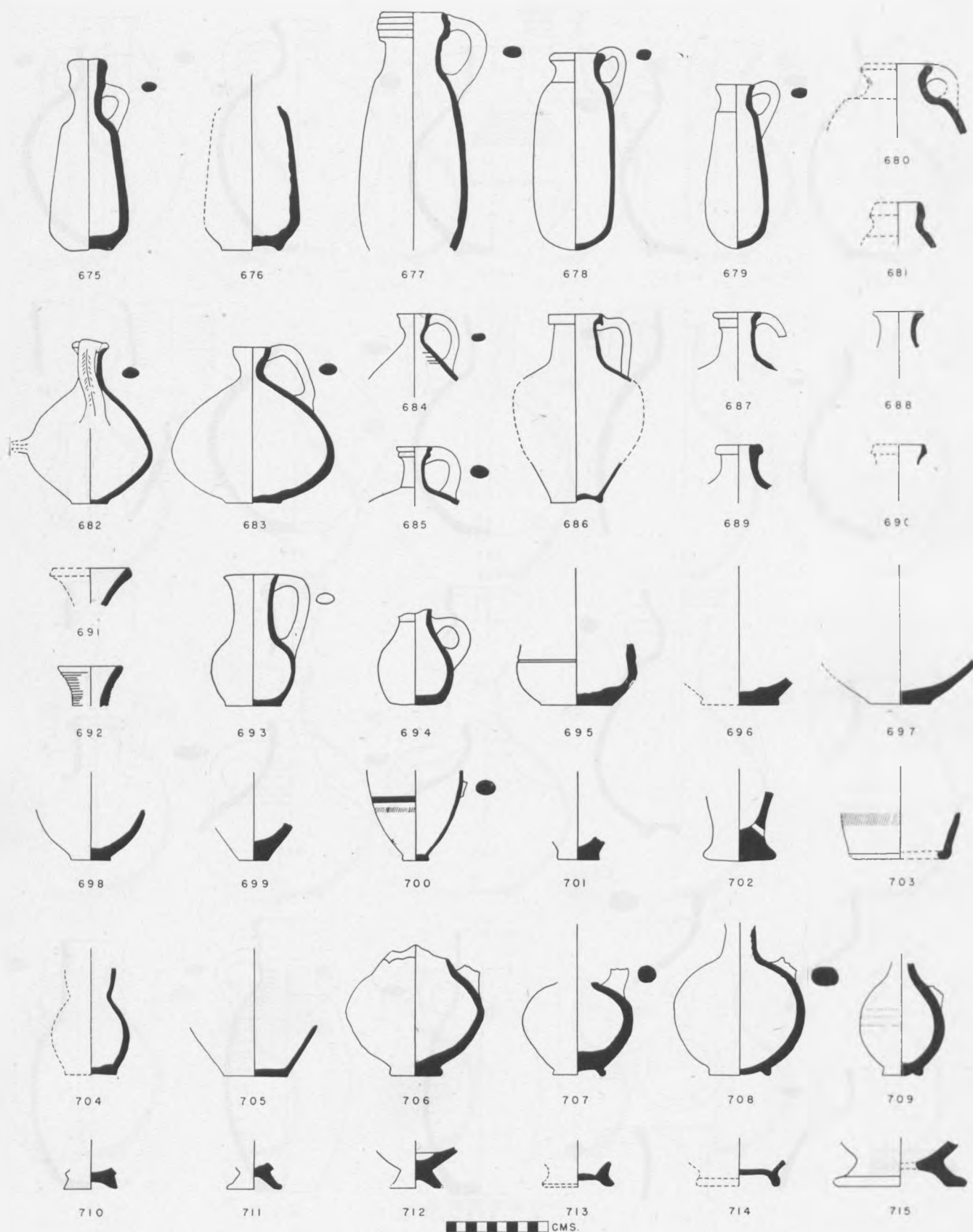


# JUGS

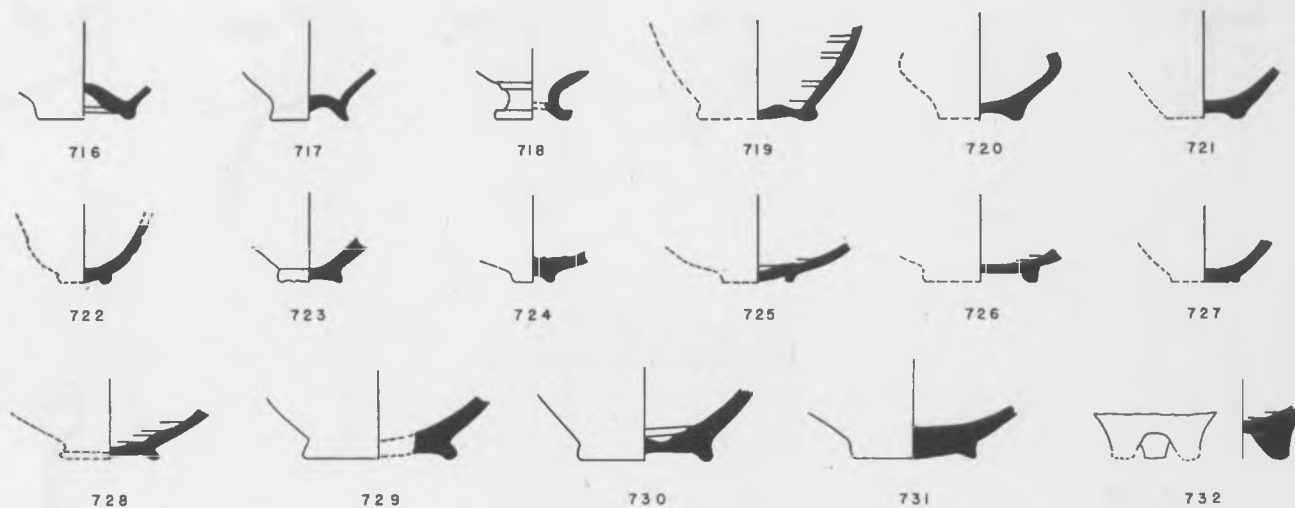




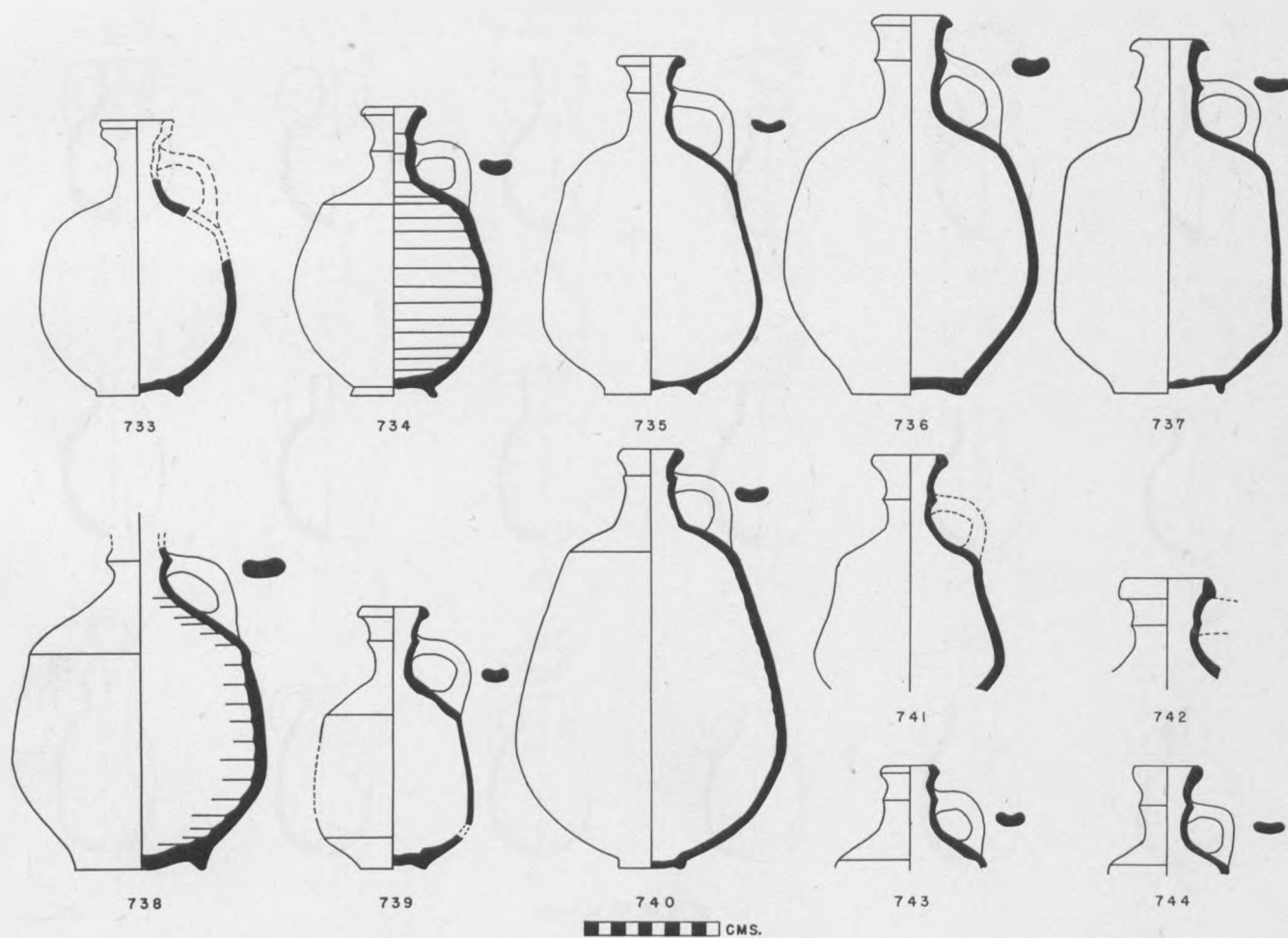
JUGS







## DECANTERS





745



746



747



748



749



750

## JUGLETS



751



752



753



754



755



756



757



758



759



760



761



762



763



764



765



766



767



768



769



770



771



772

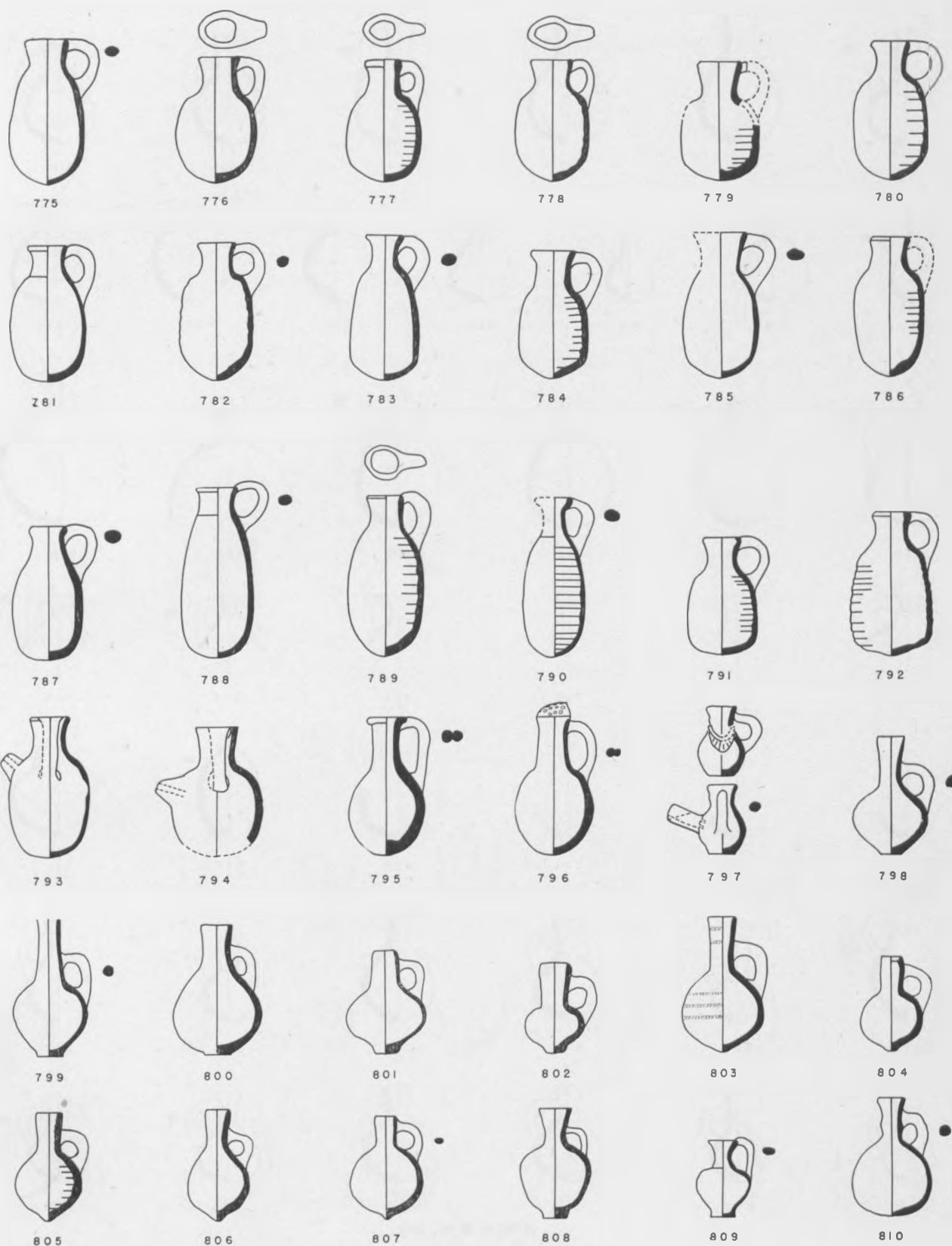


773

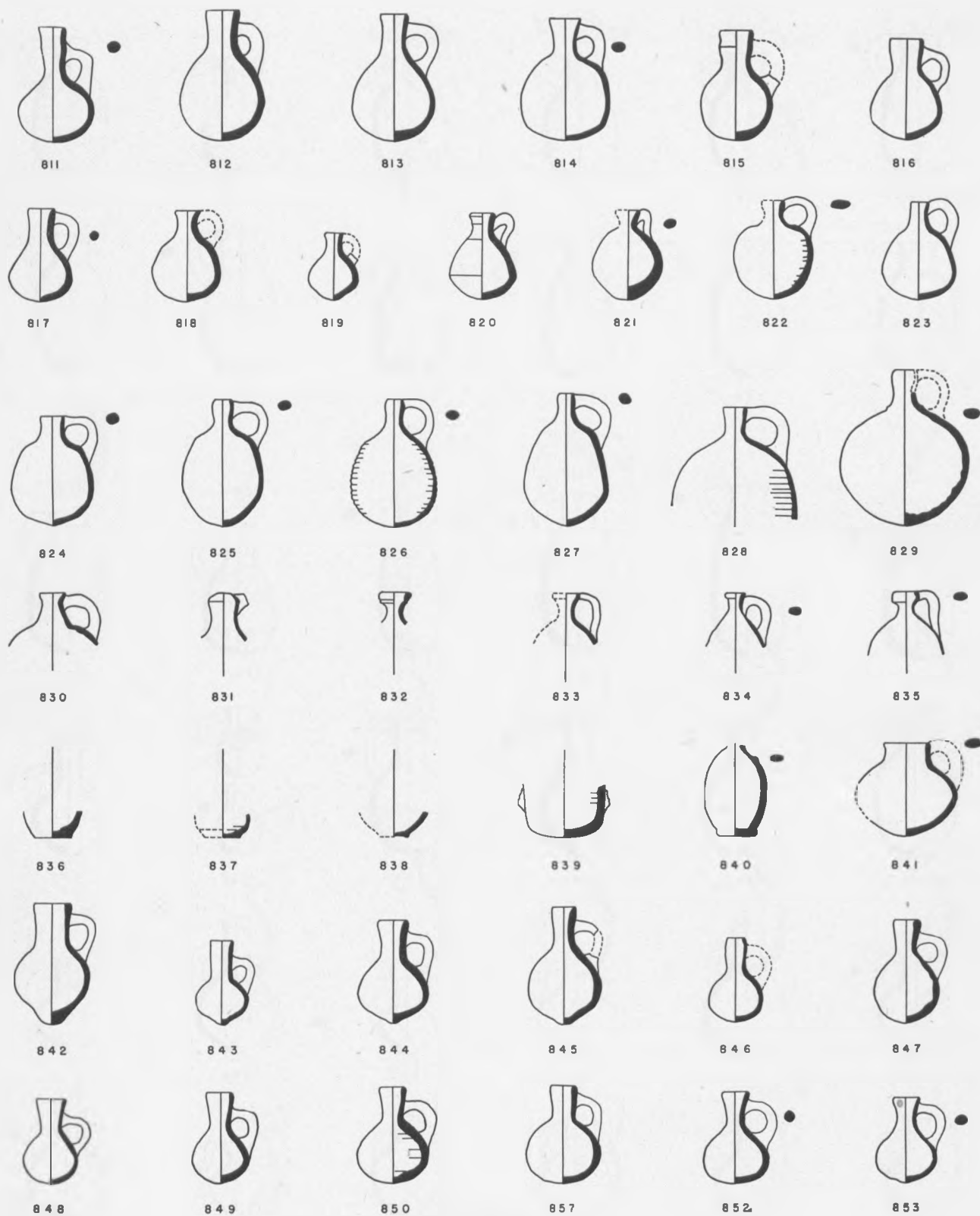


774



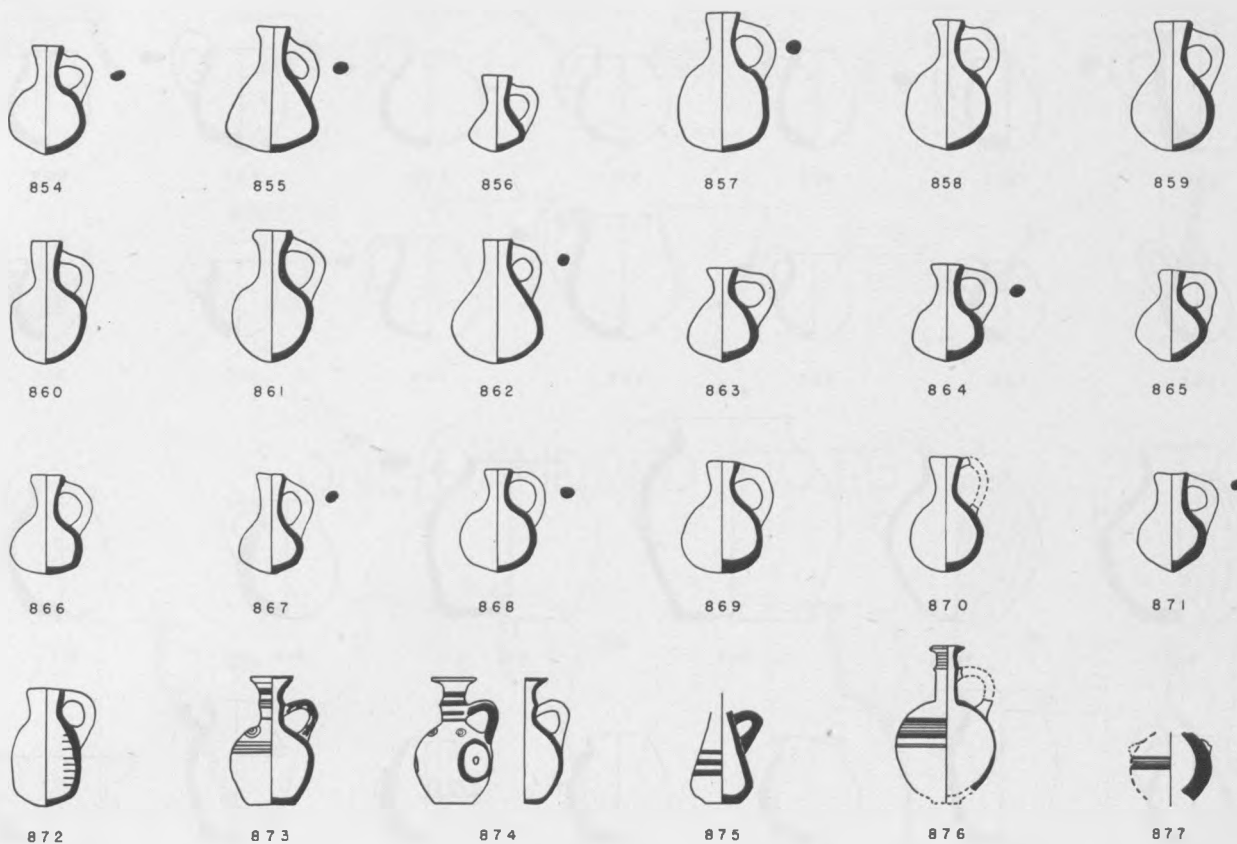


JUGLETS



 GMS.

## JUGLETS

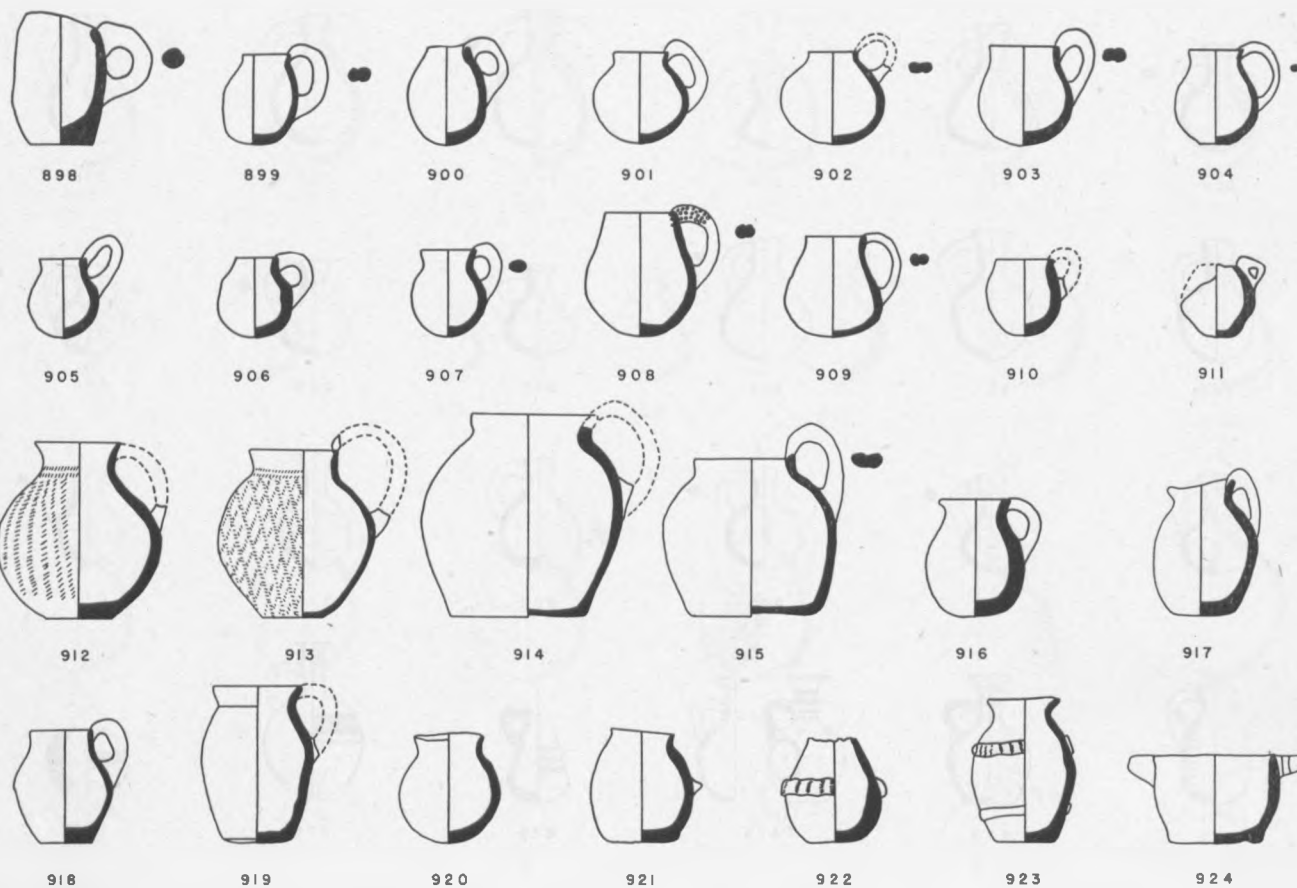


## HANDMADE CUPS

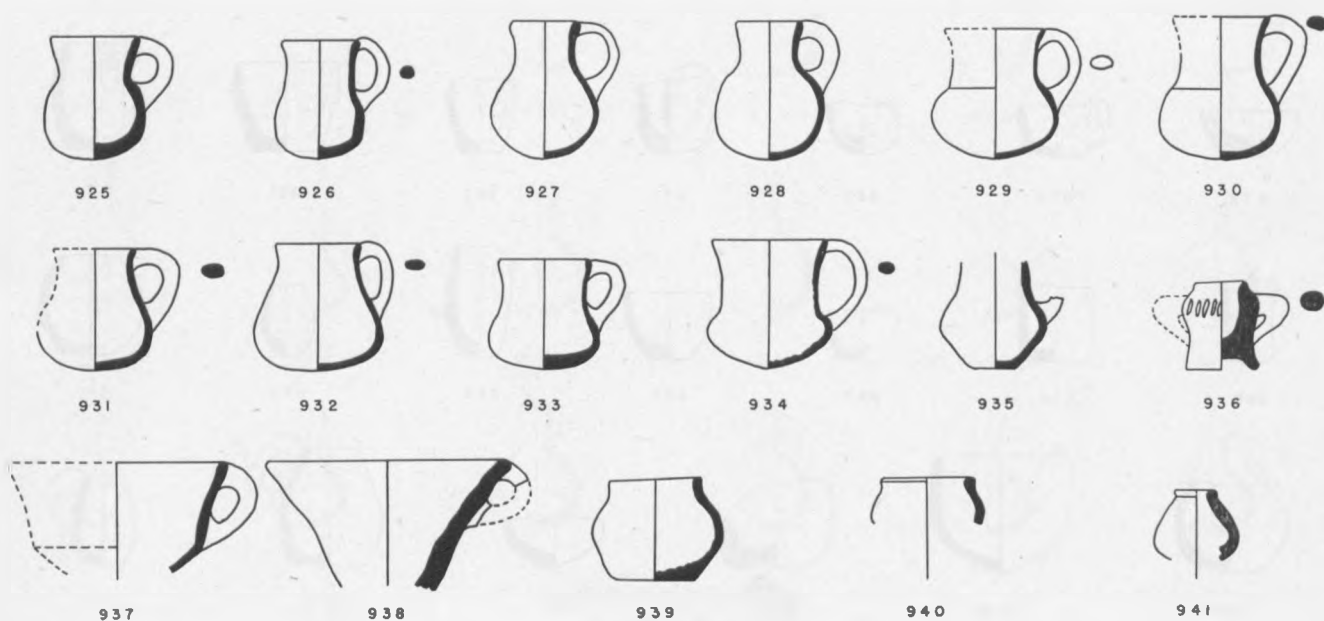


CM.

JUGLETS, CUPS



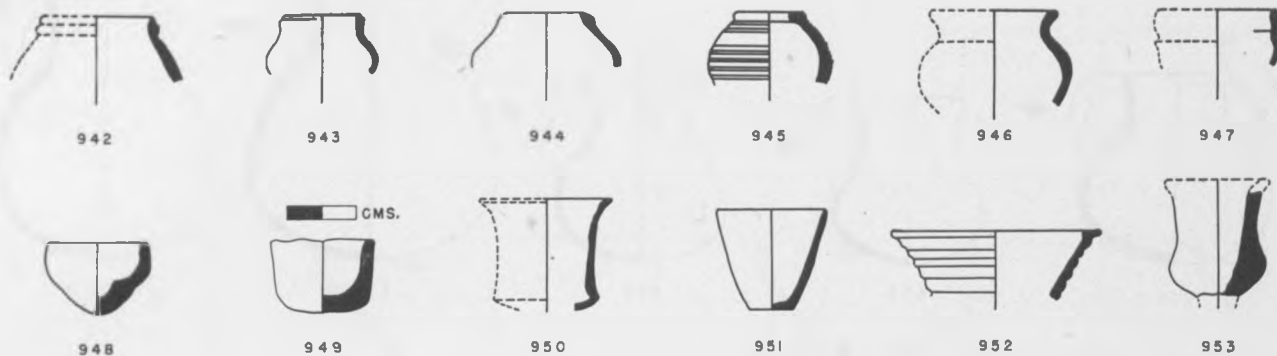
## CUPS



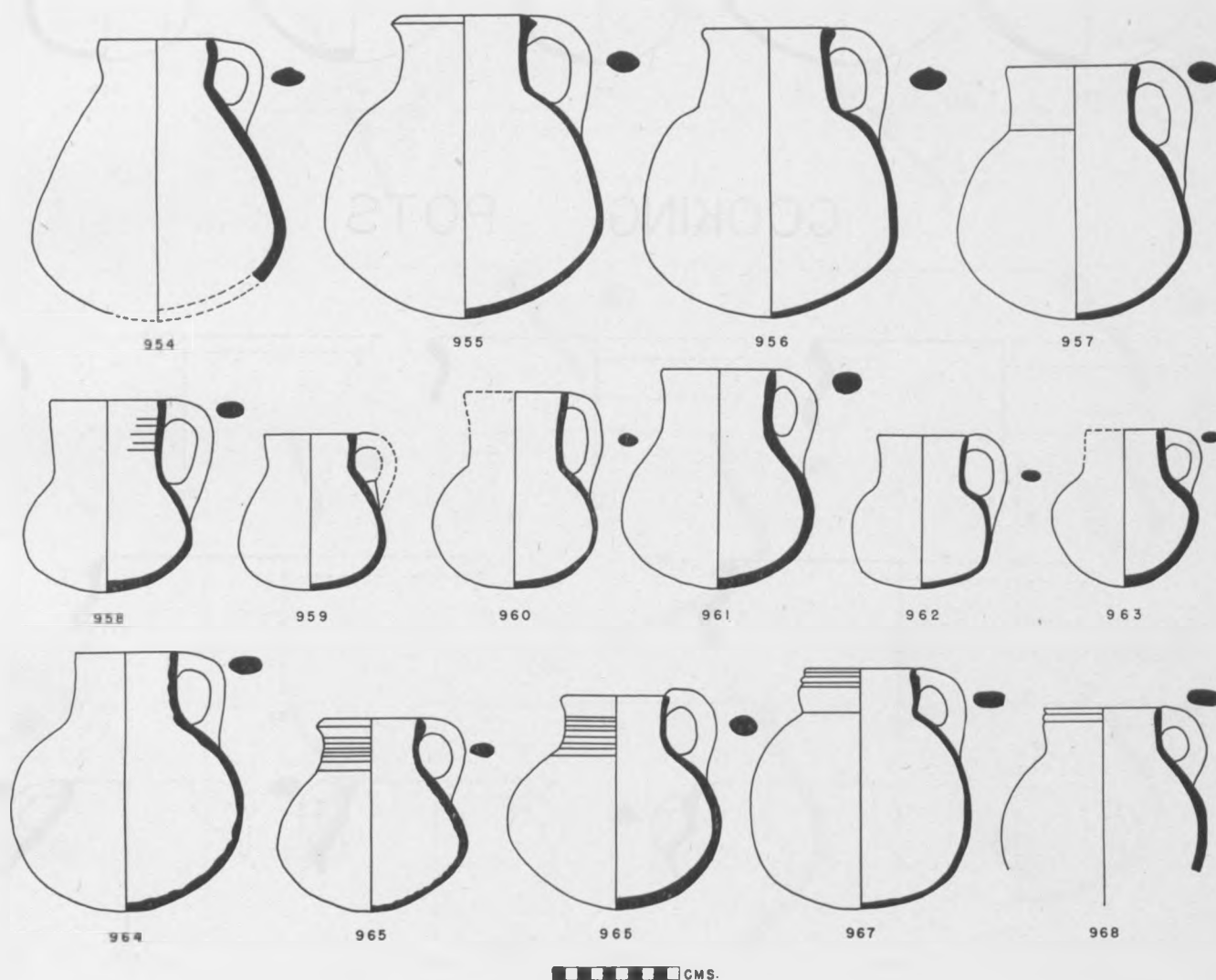
CMs.

## CUPS



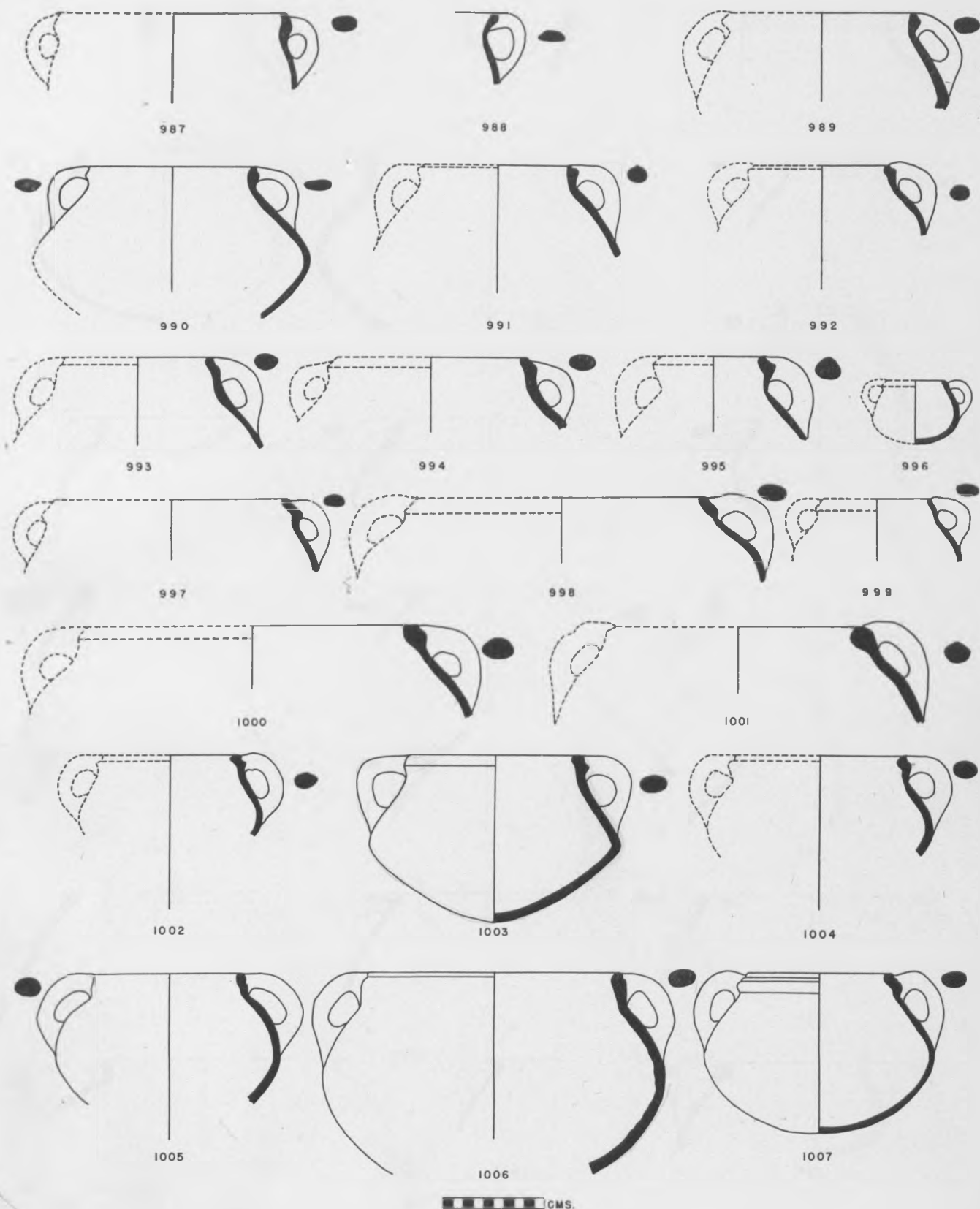


# ONE-HANDLED POTS

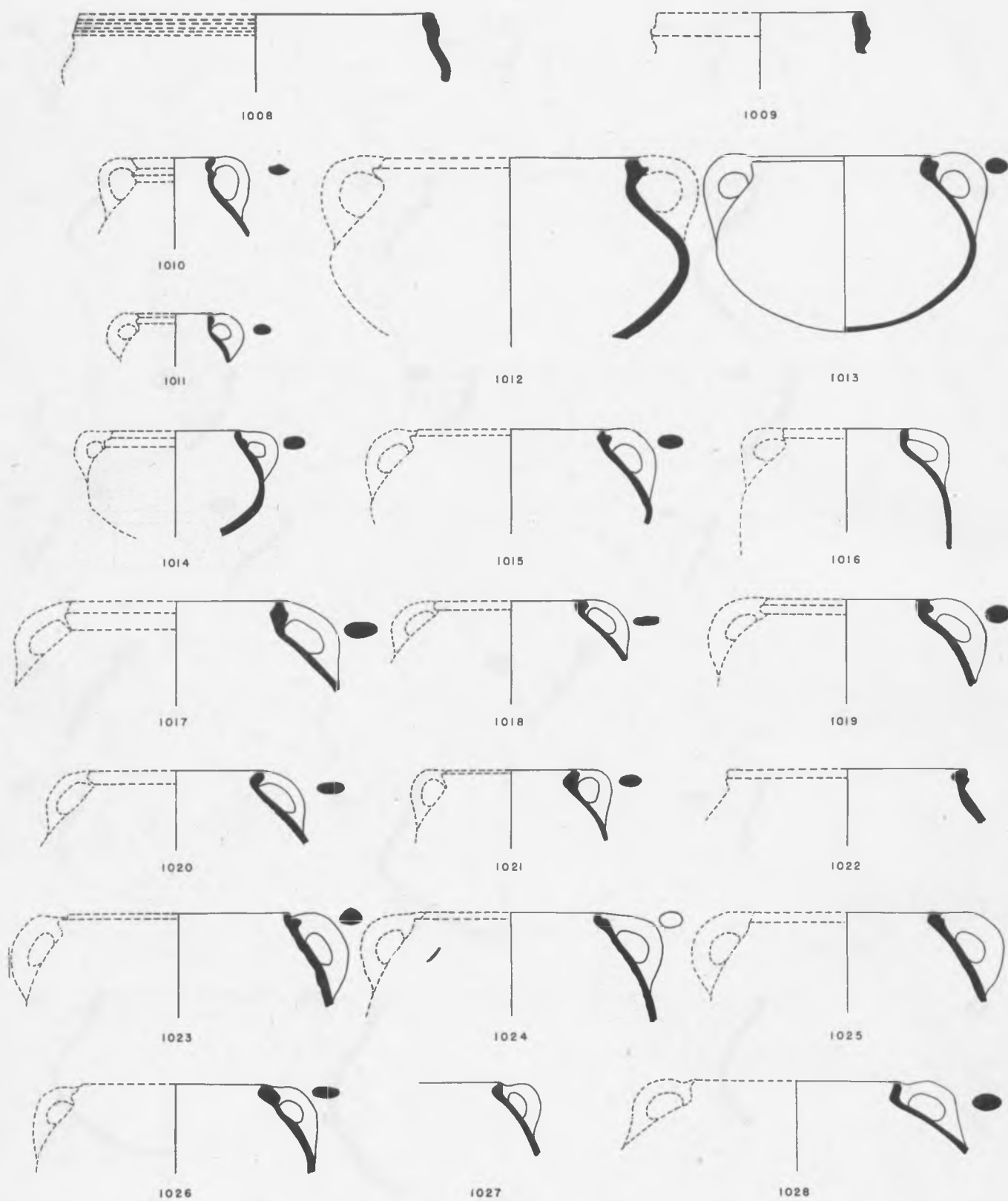


CUPS, ONE-HANDLED POTS





COOKING POTS



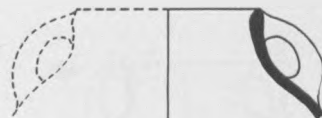
COOKING POTS



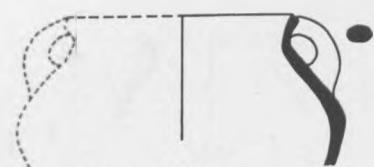
1029



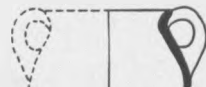
1030



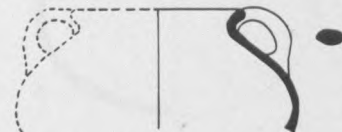
1031



1032



1033



1034



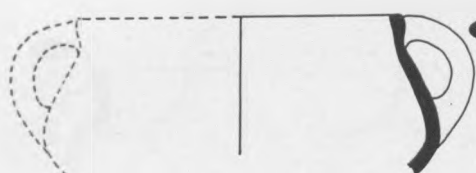
1035



1036



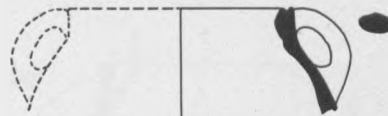
1037



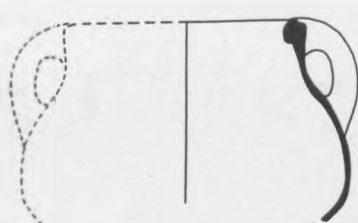
1038



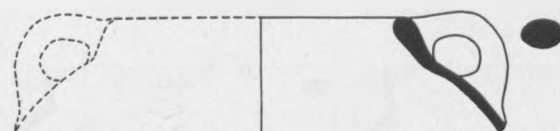
1039



1040



1041



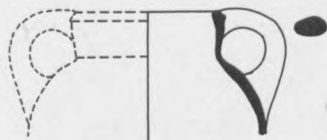
1042



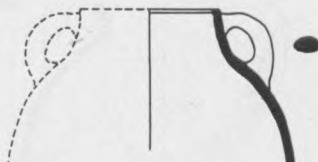
1043



1044



1045



1046



1047



1048

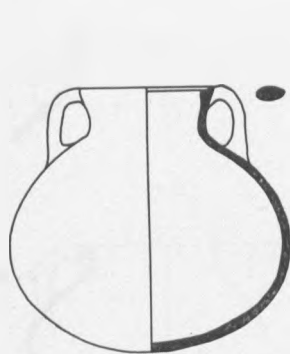


1049

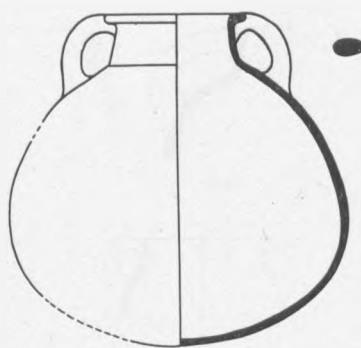


1050

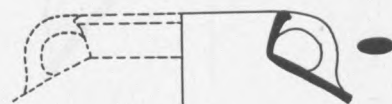
COOKING POTS



1051



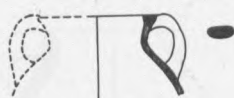
1052



1053



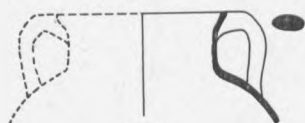
1054



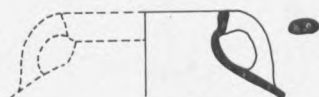
1055



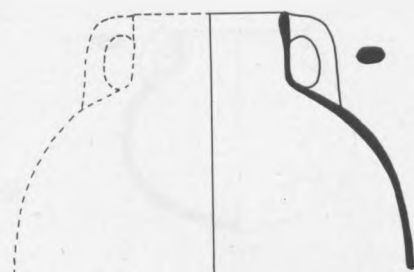
1056



1057



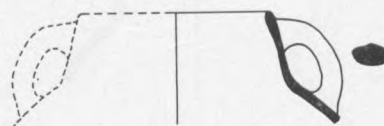
1058



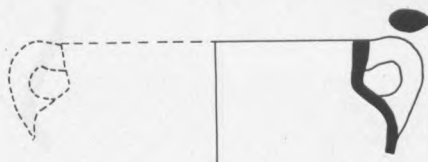
1059



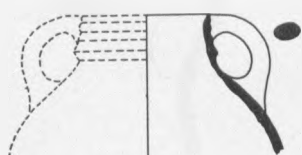
1060



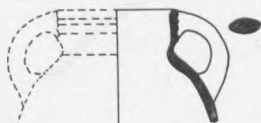
1061



1062



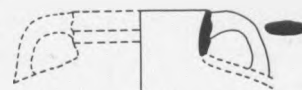
1063



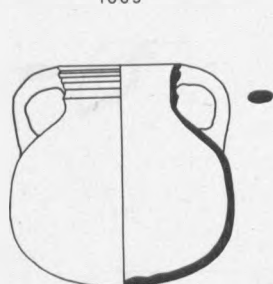
1064



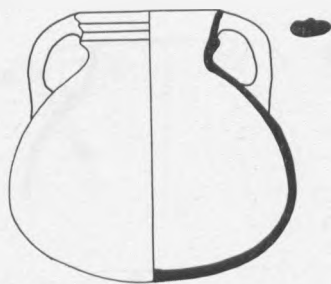
1065



1066



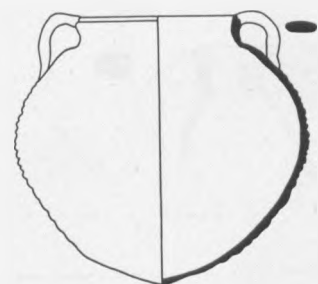
1067



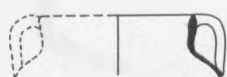
1068



1069



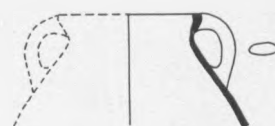
1070



1071



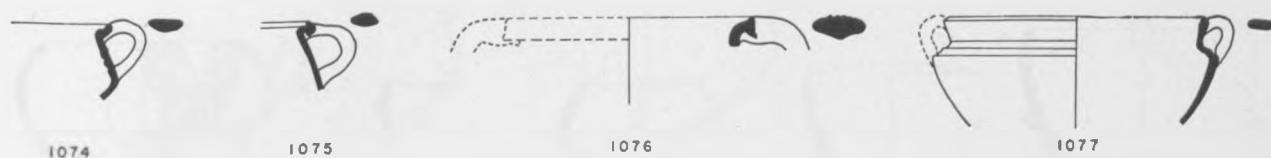
1072



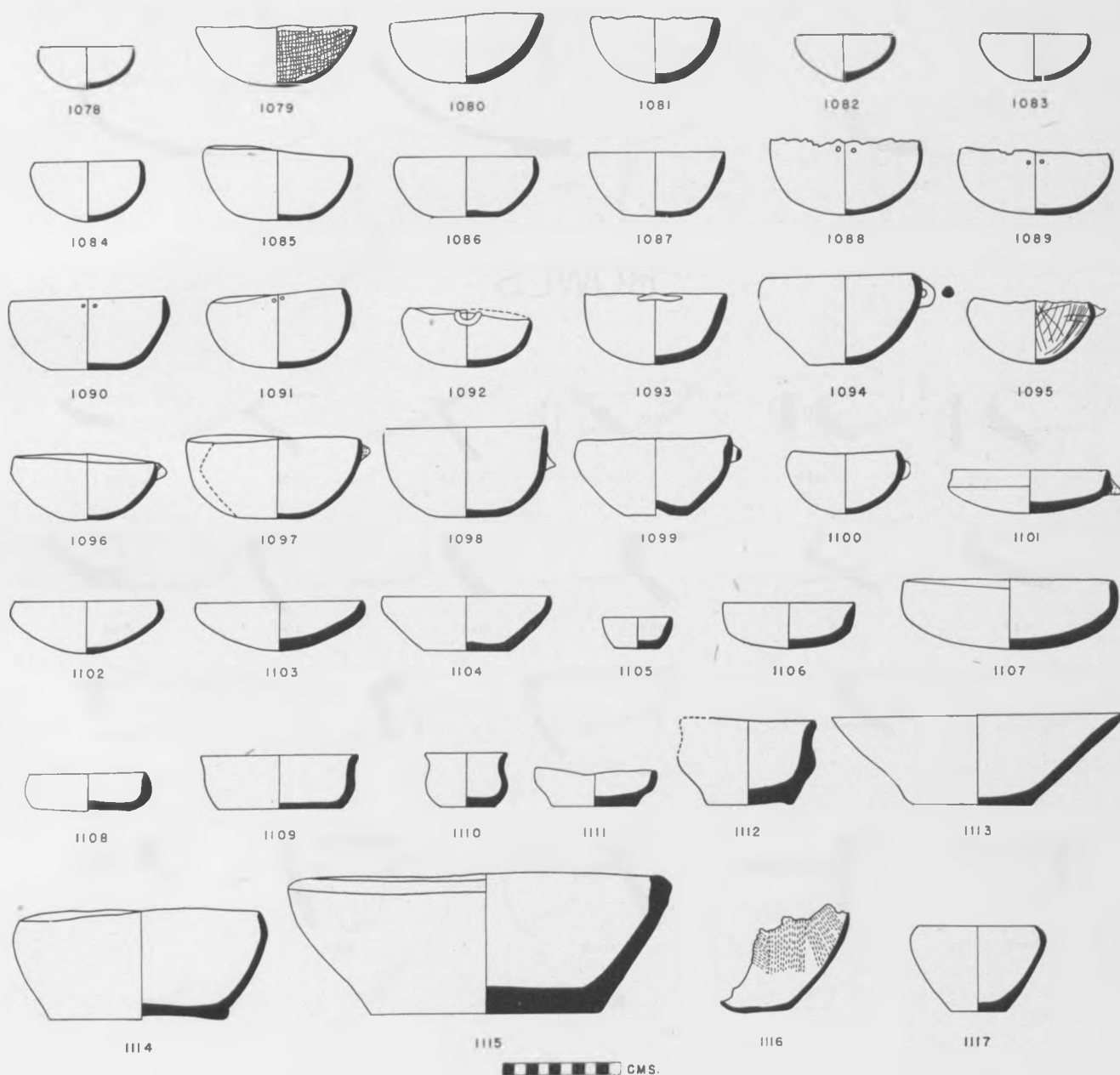
1073

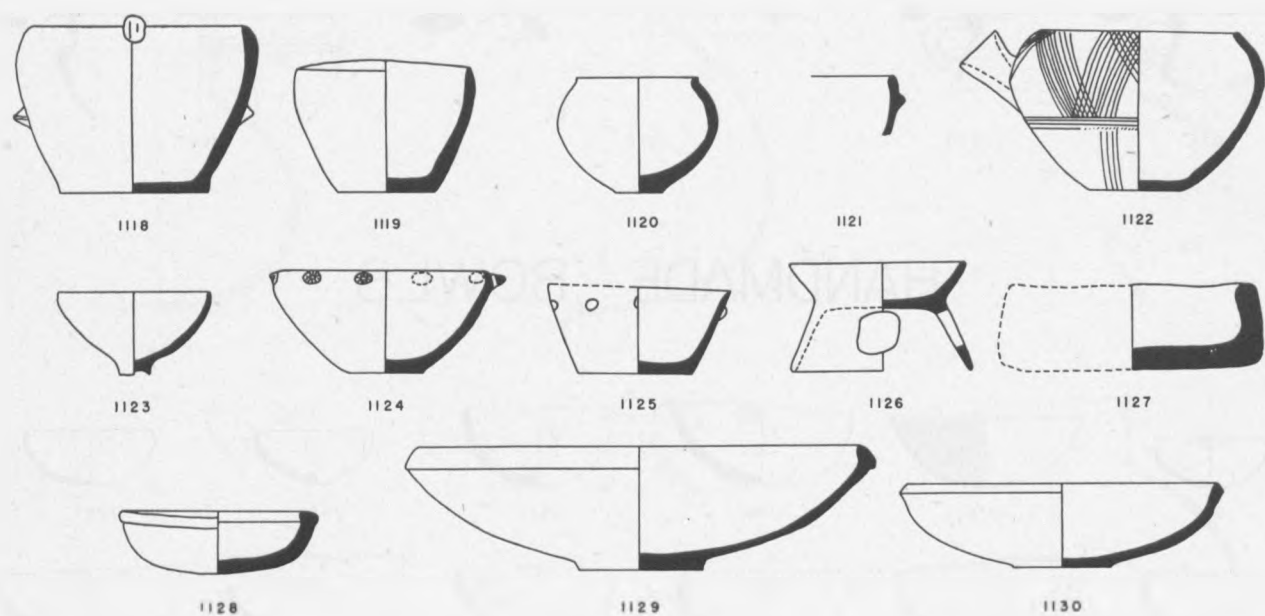




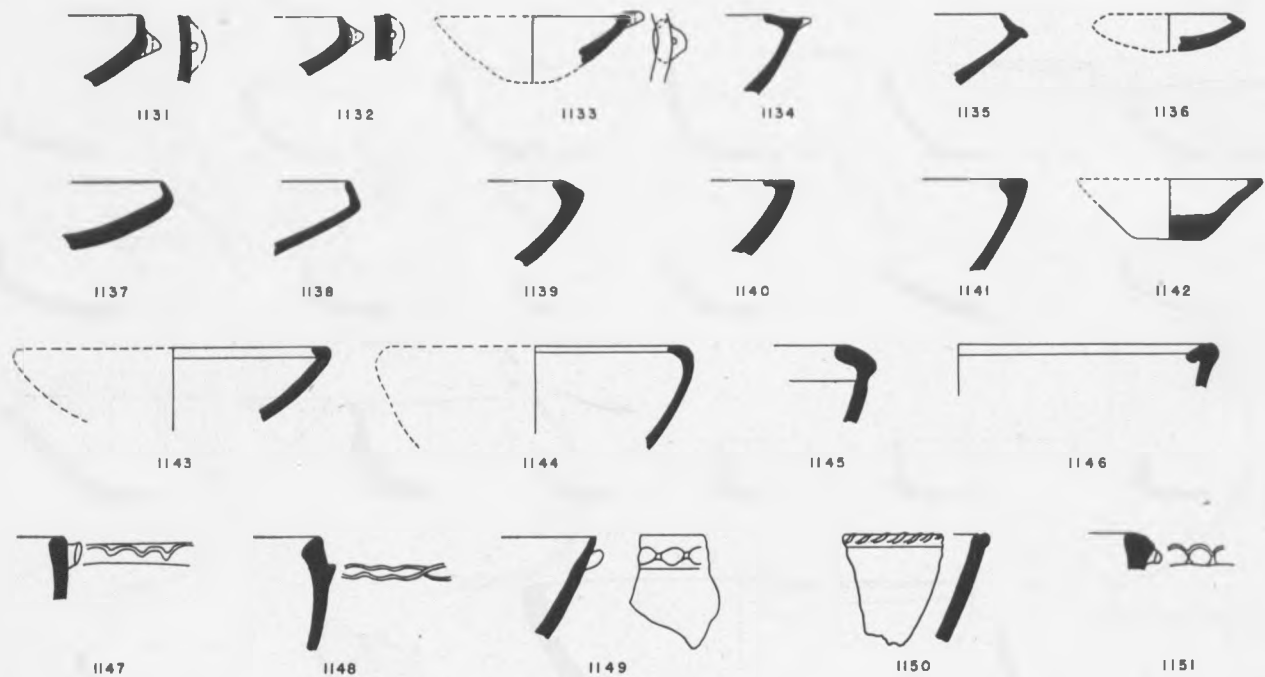


## HANDMADE BOWLS



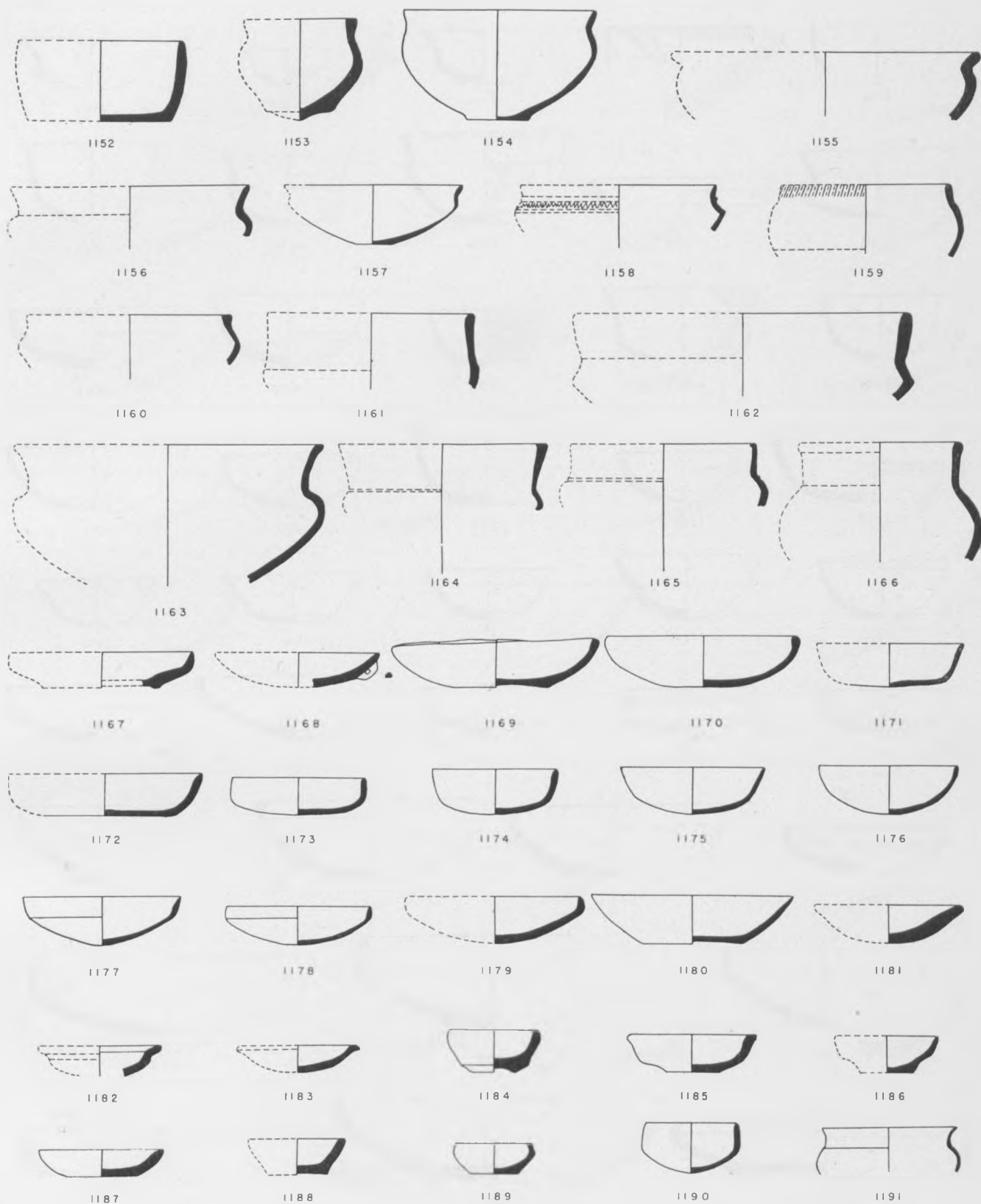


# BOWLS



CMs.

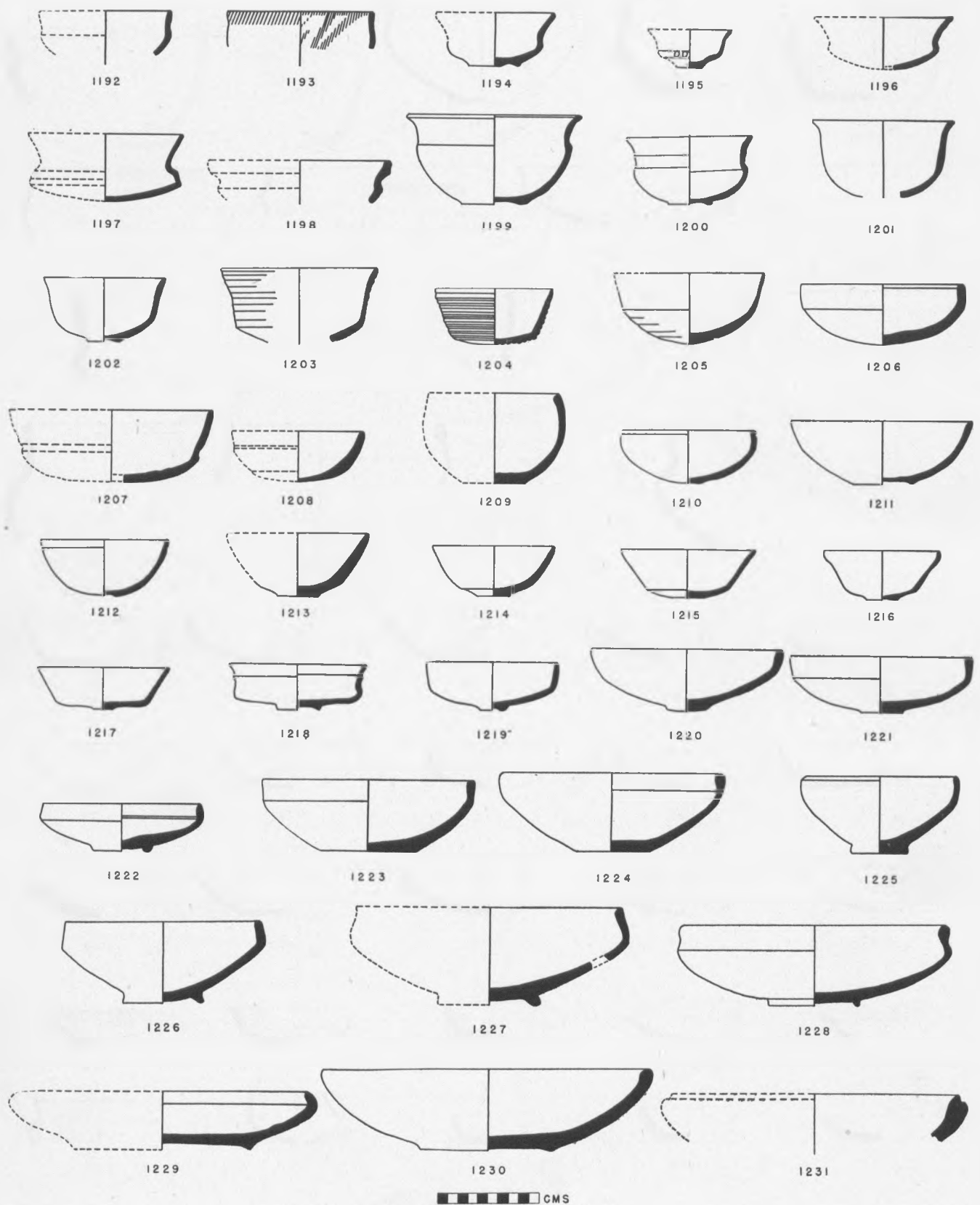
# BOWLS



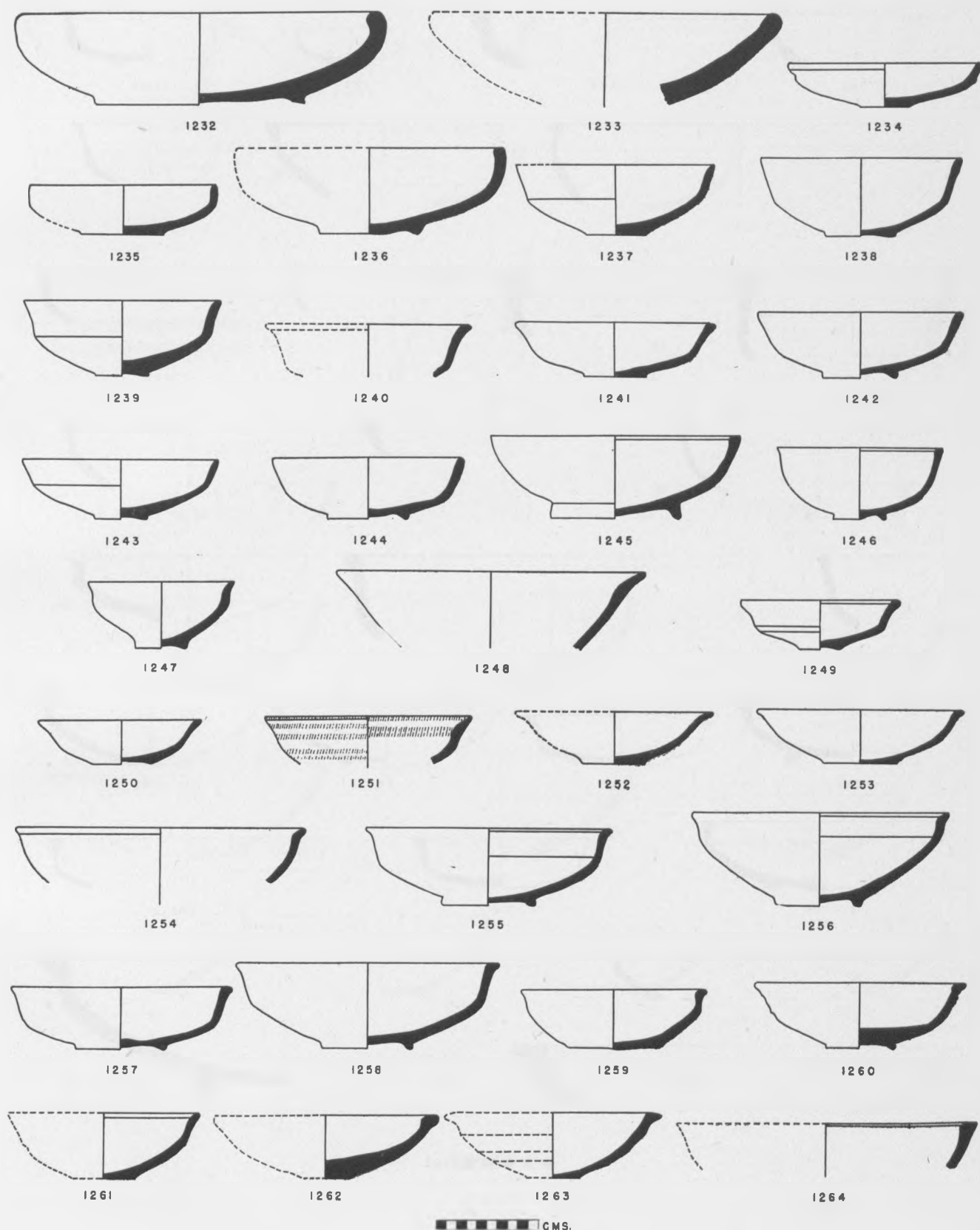
— — — — — CMS.

BOWLS

PLATE 54

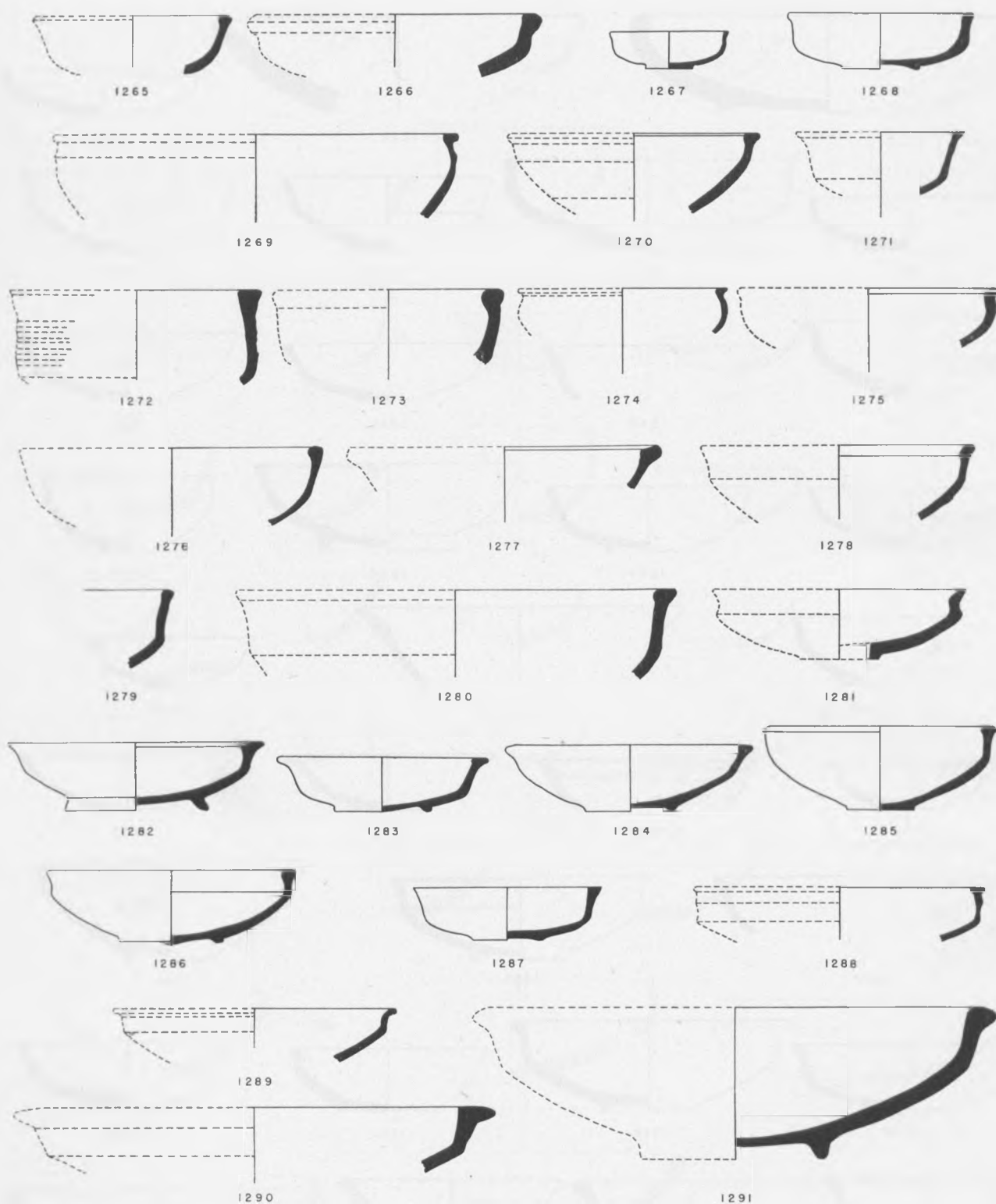


BOWLS



BOWLS

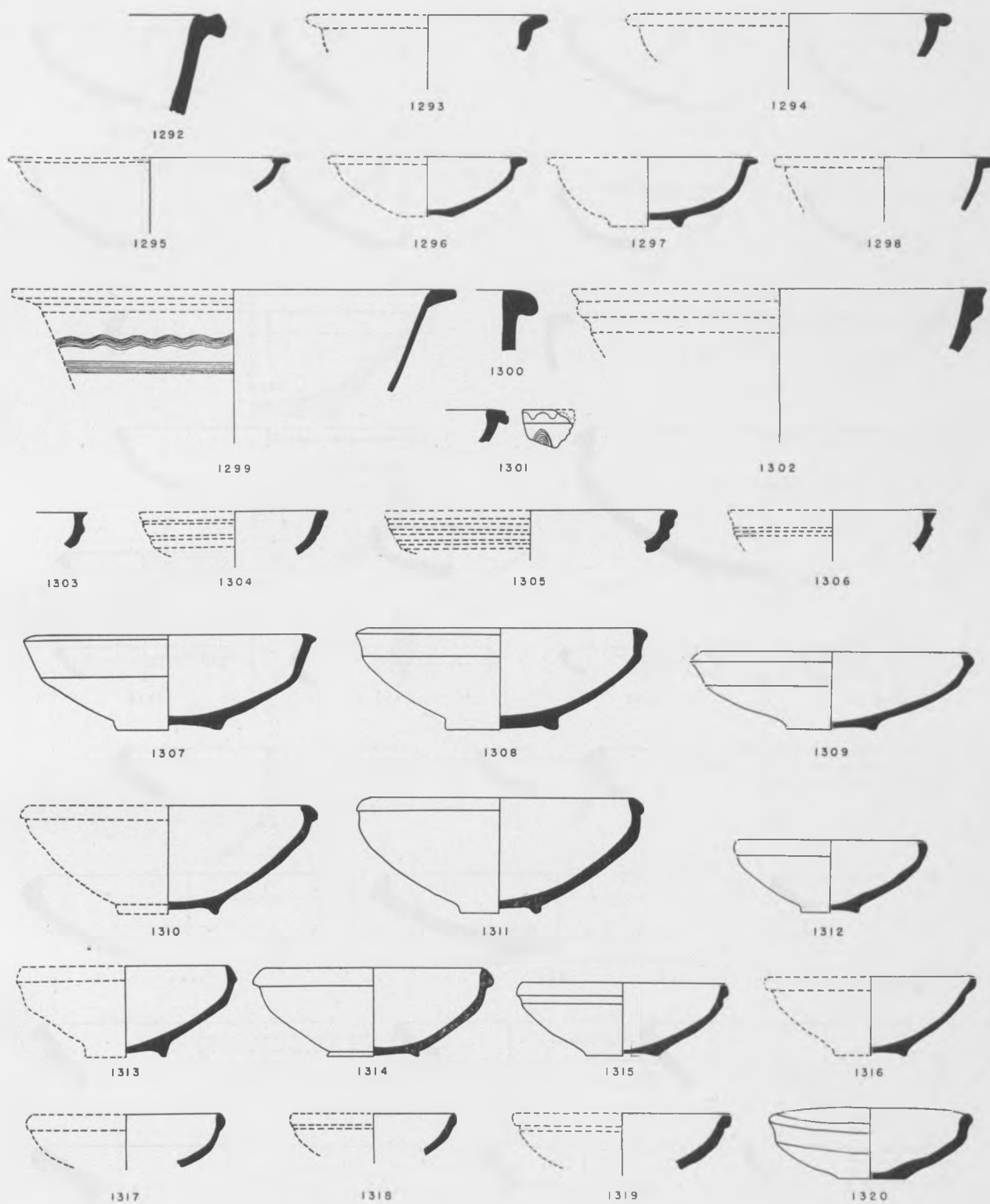
PLATE 56



1 CMS.

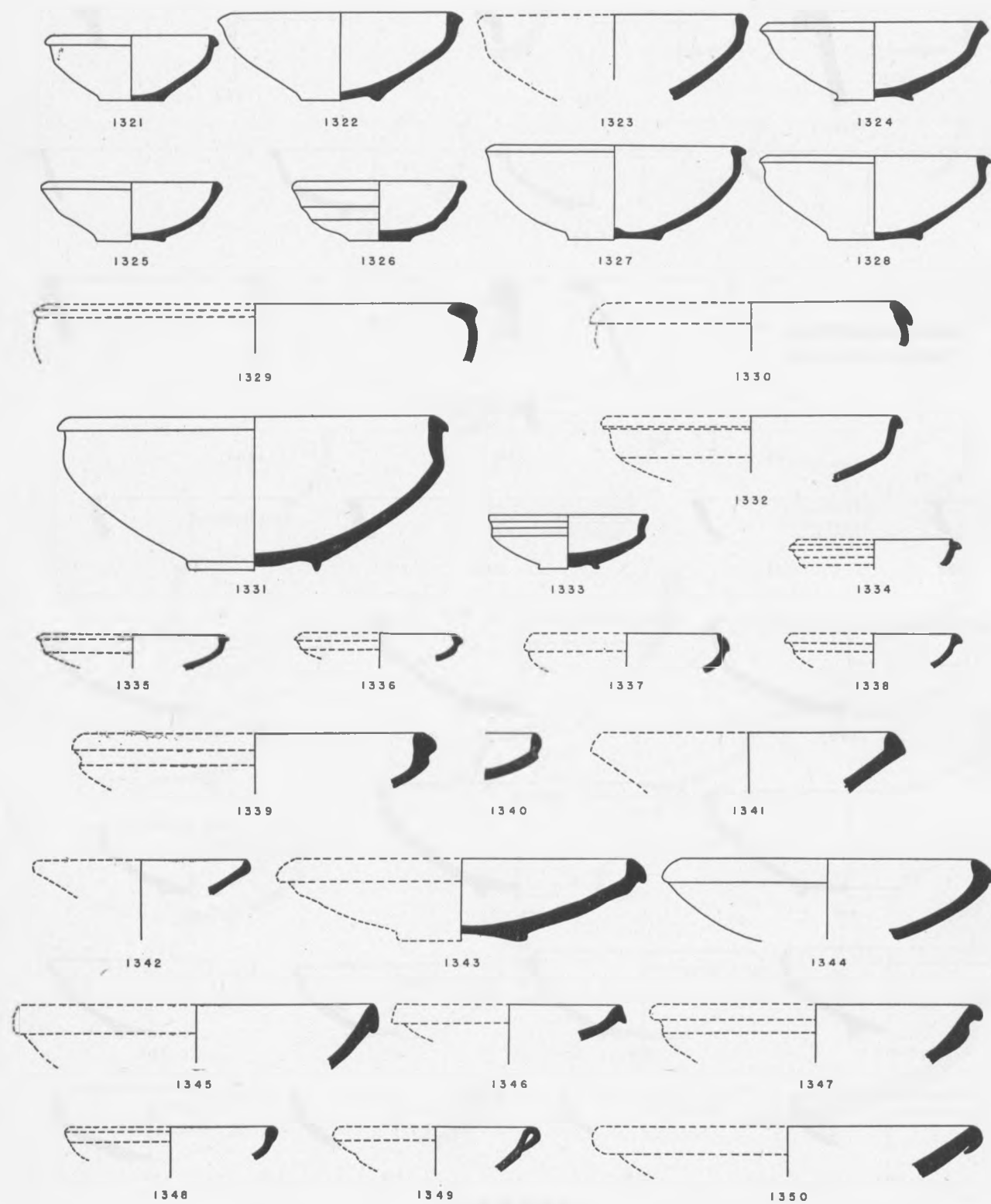
BOWLS





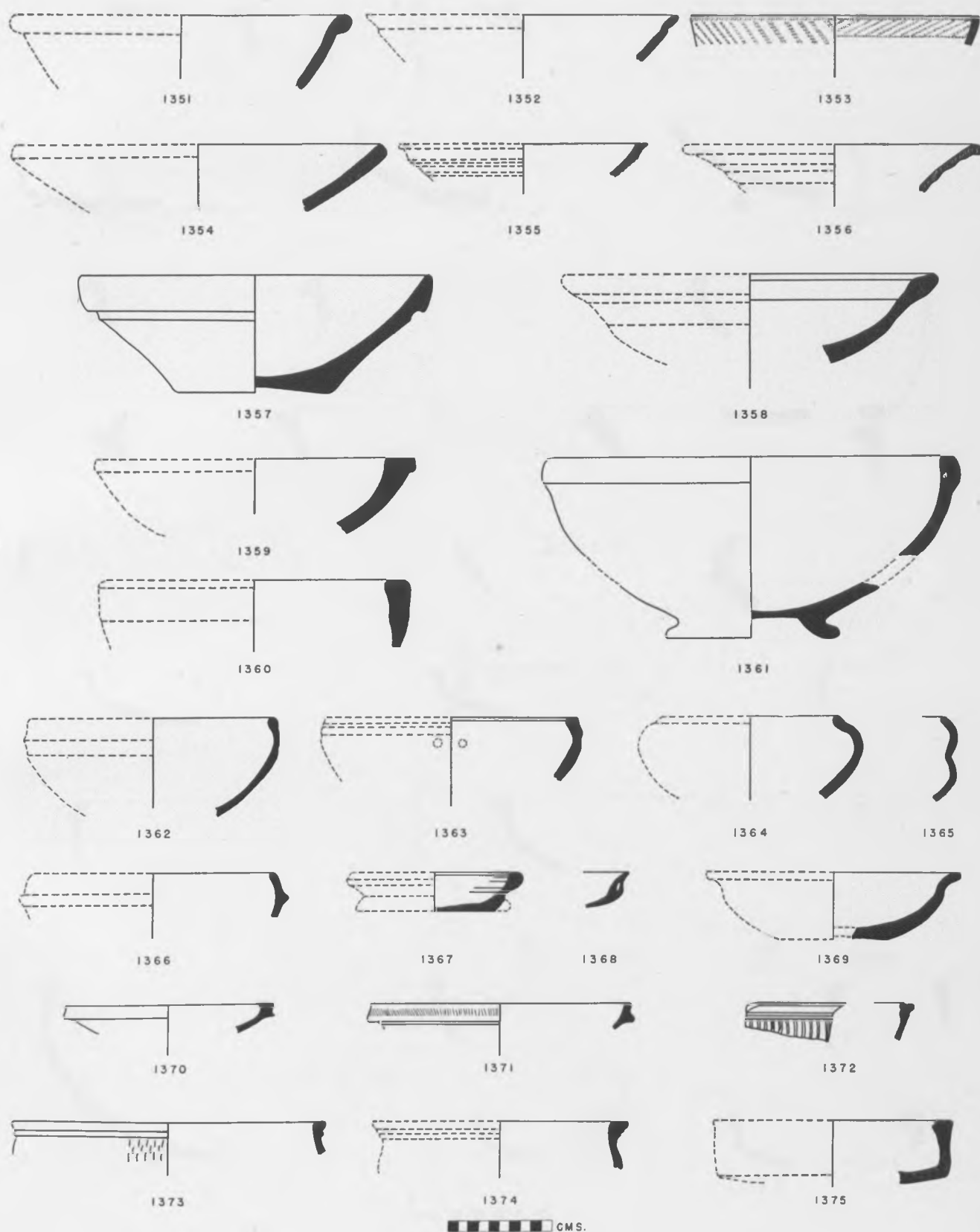
BOWLS

PLATE 58



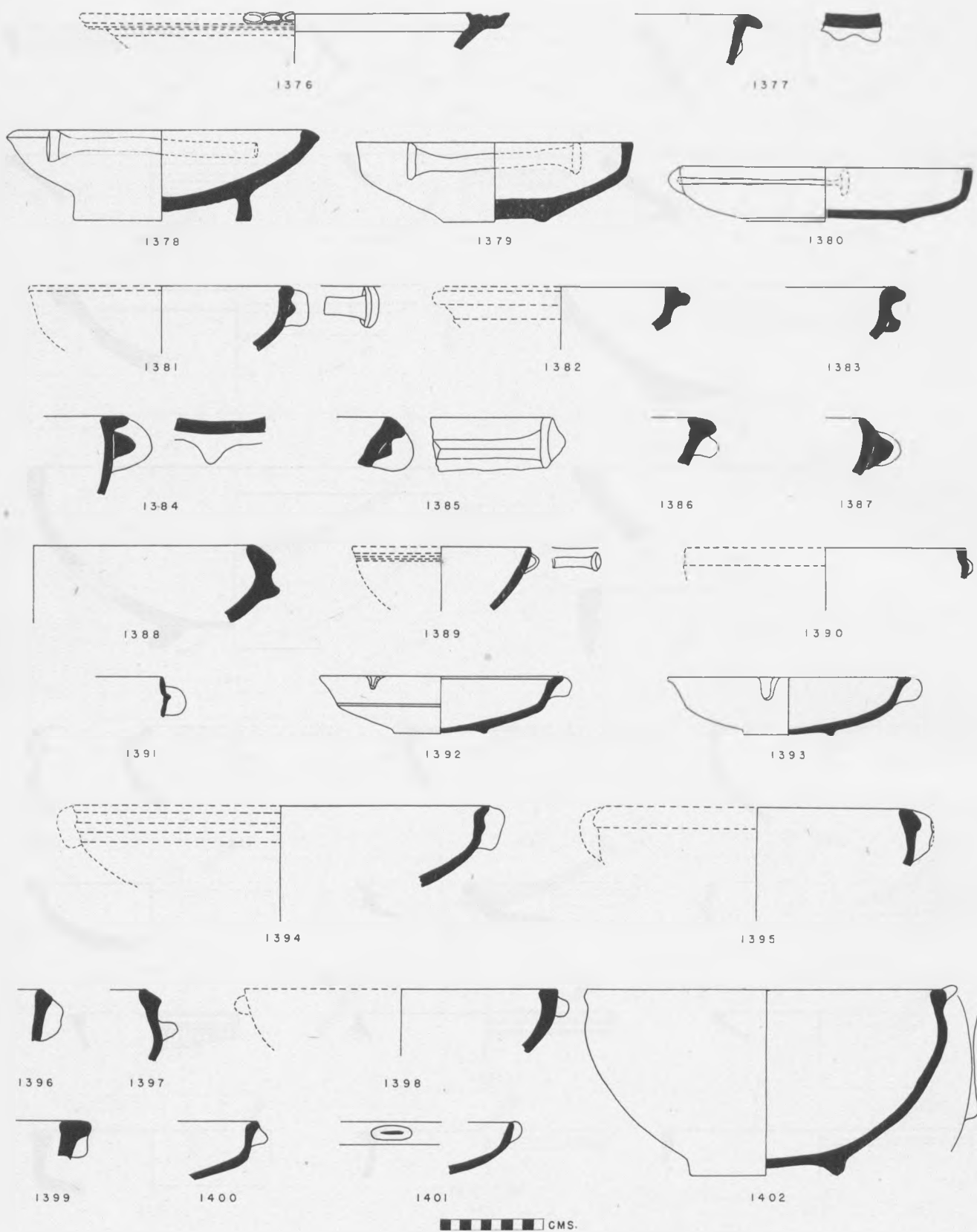
0 1 2 3 4 5 CMS.

BOWLS

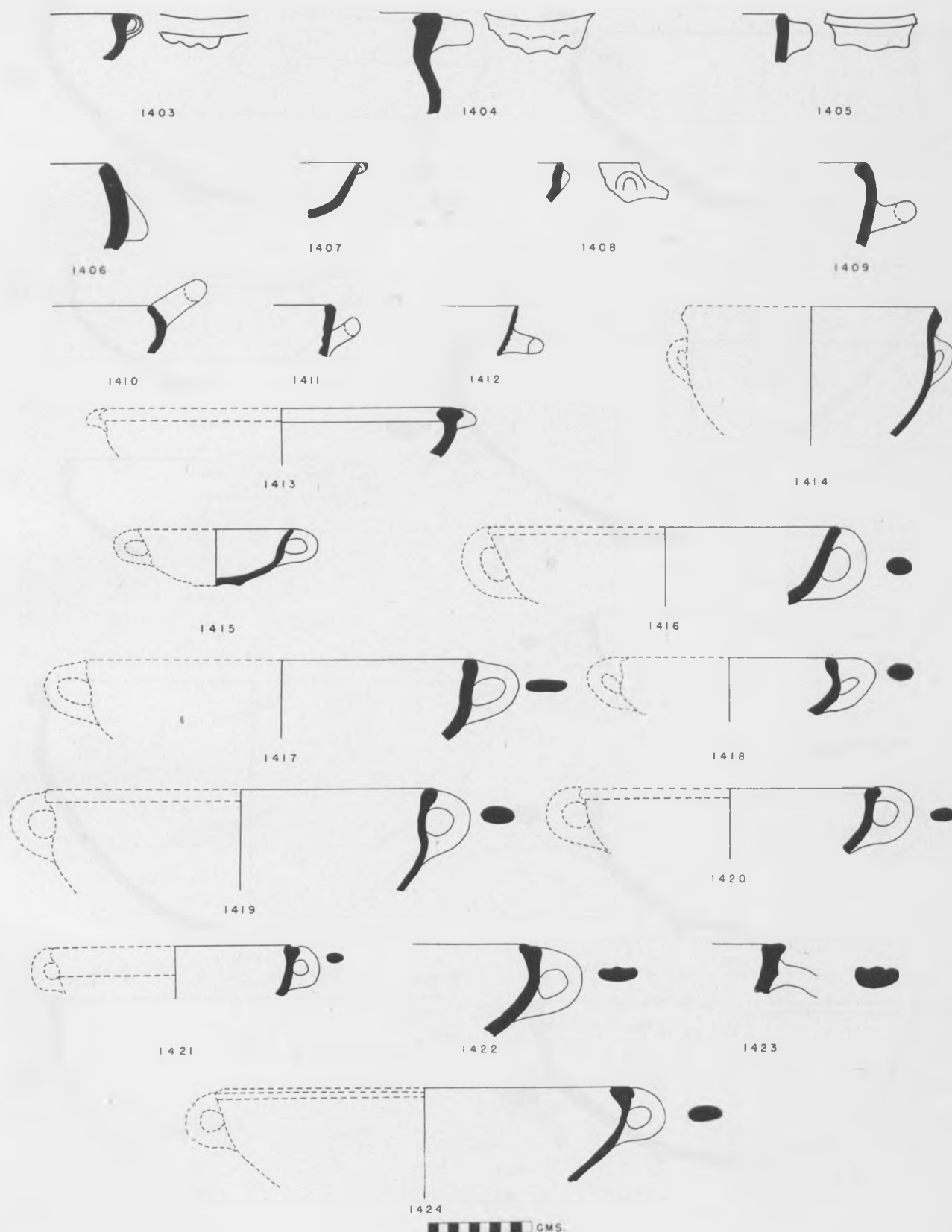


BOWLS

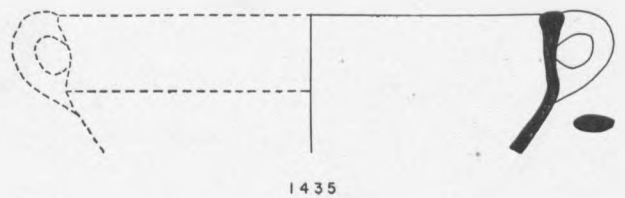
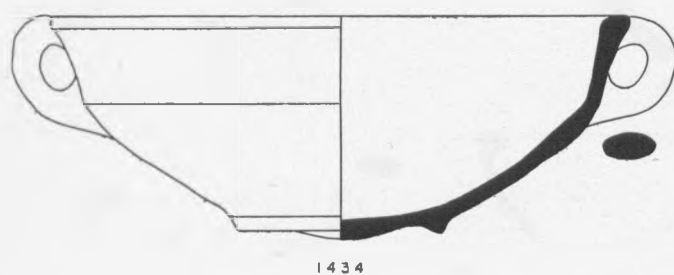
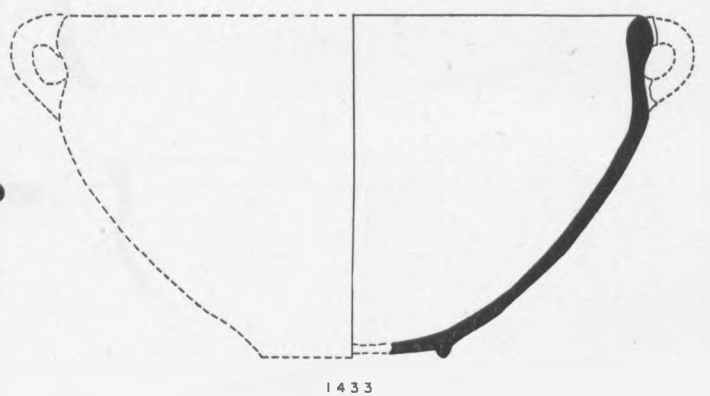
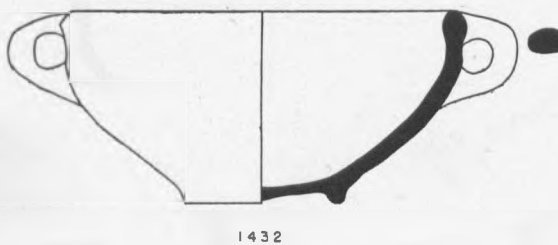
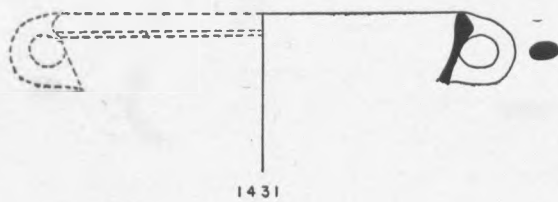
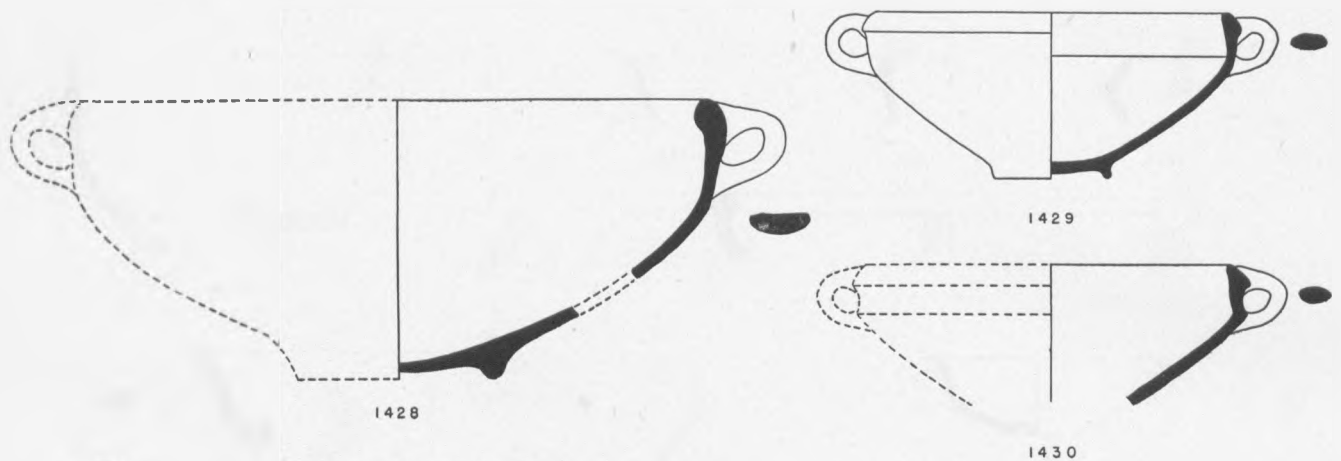
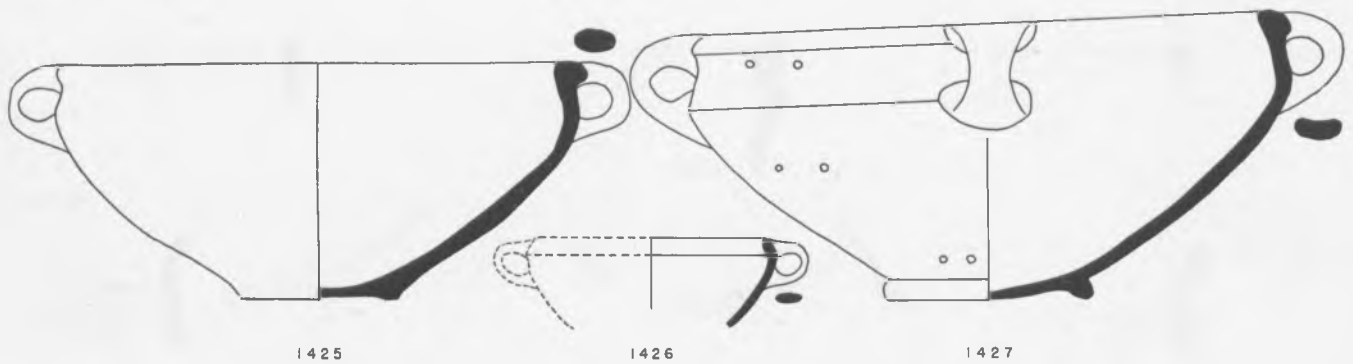
PLATE 60



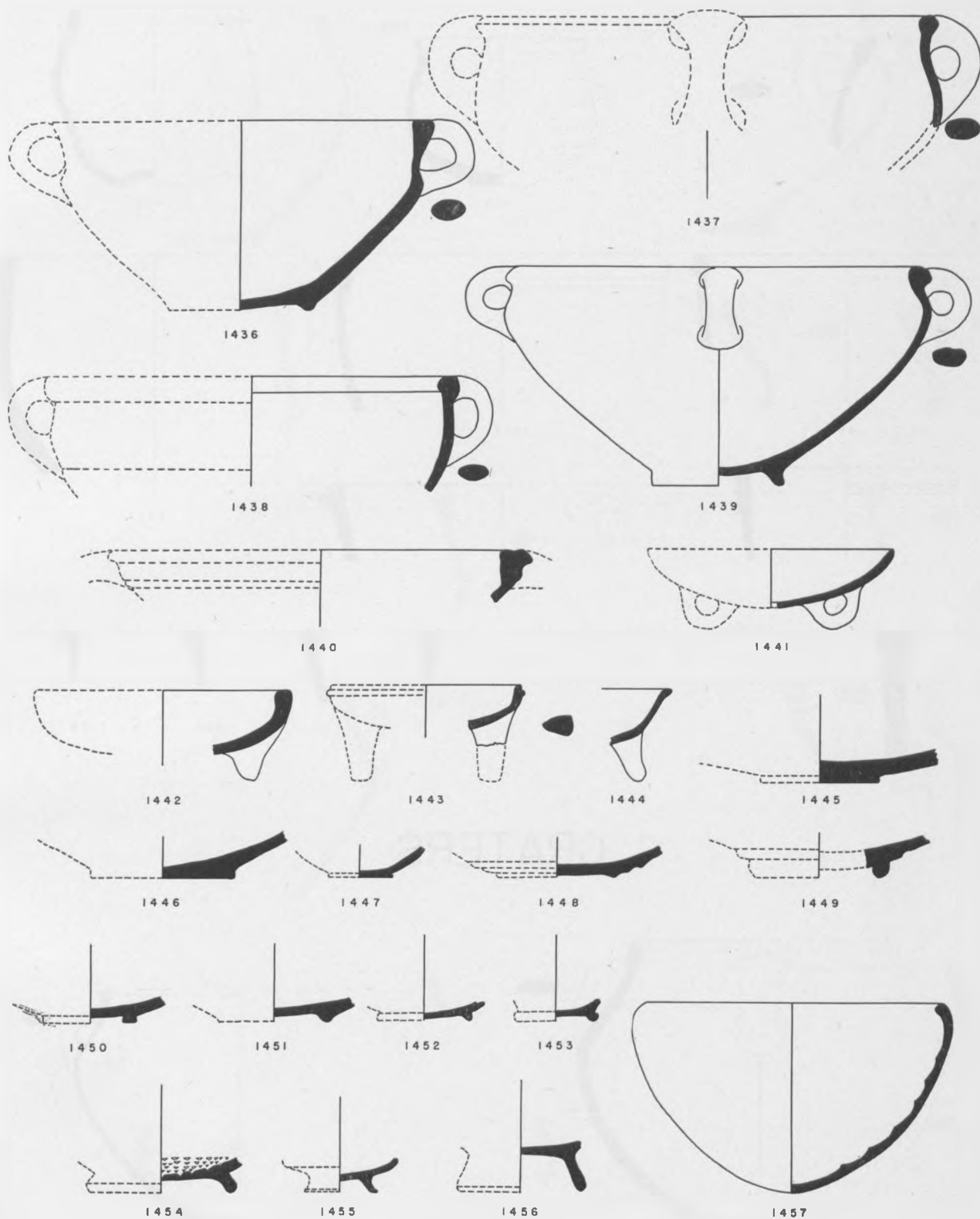
BOWLS



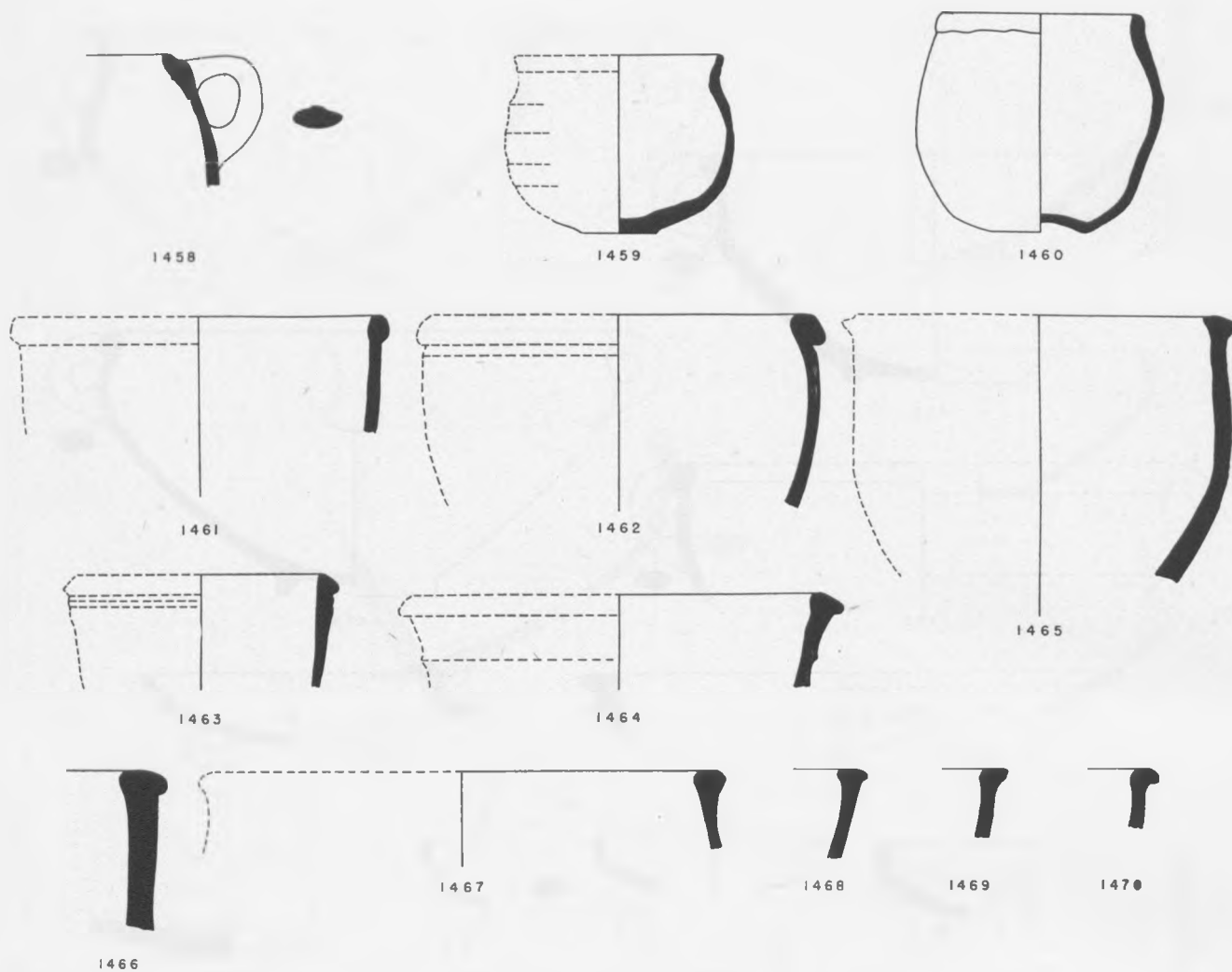
BOWLS



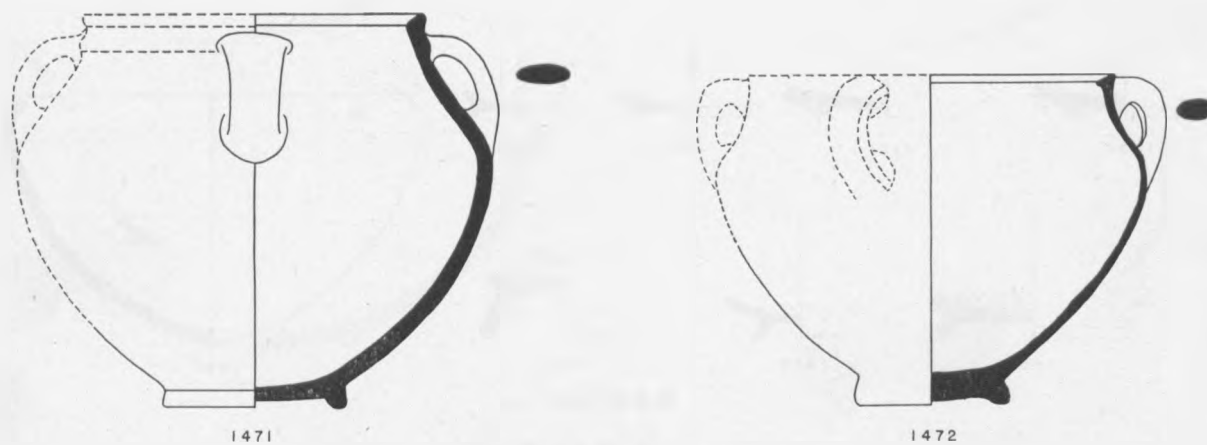




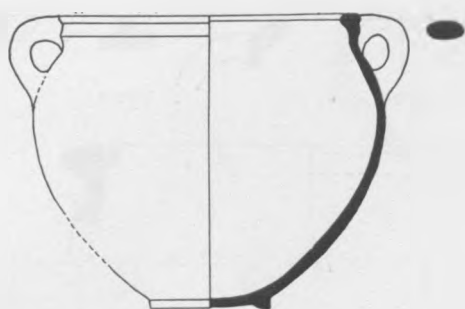
BOWLS



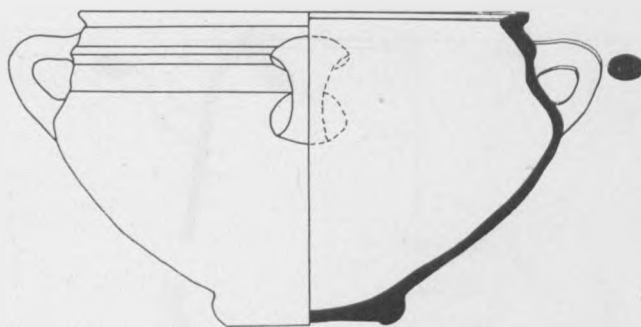
## CRATERS



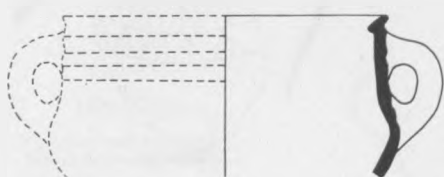
1 CMS.



1473



1474



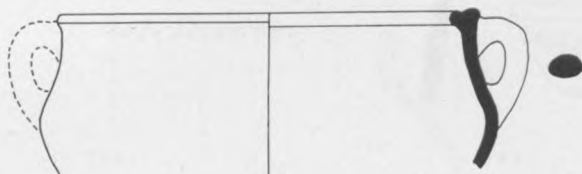
1475



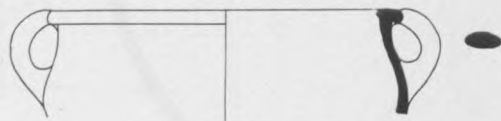
1476



1477



1478



1479



1480



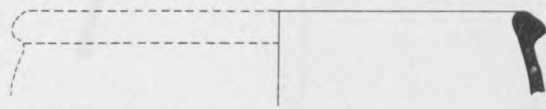
1481



1482



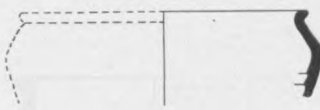
1483



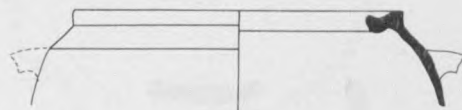
1484



1485



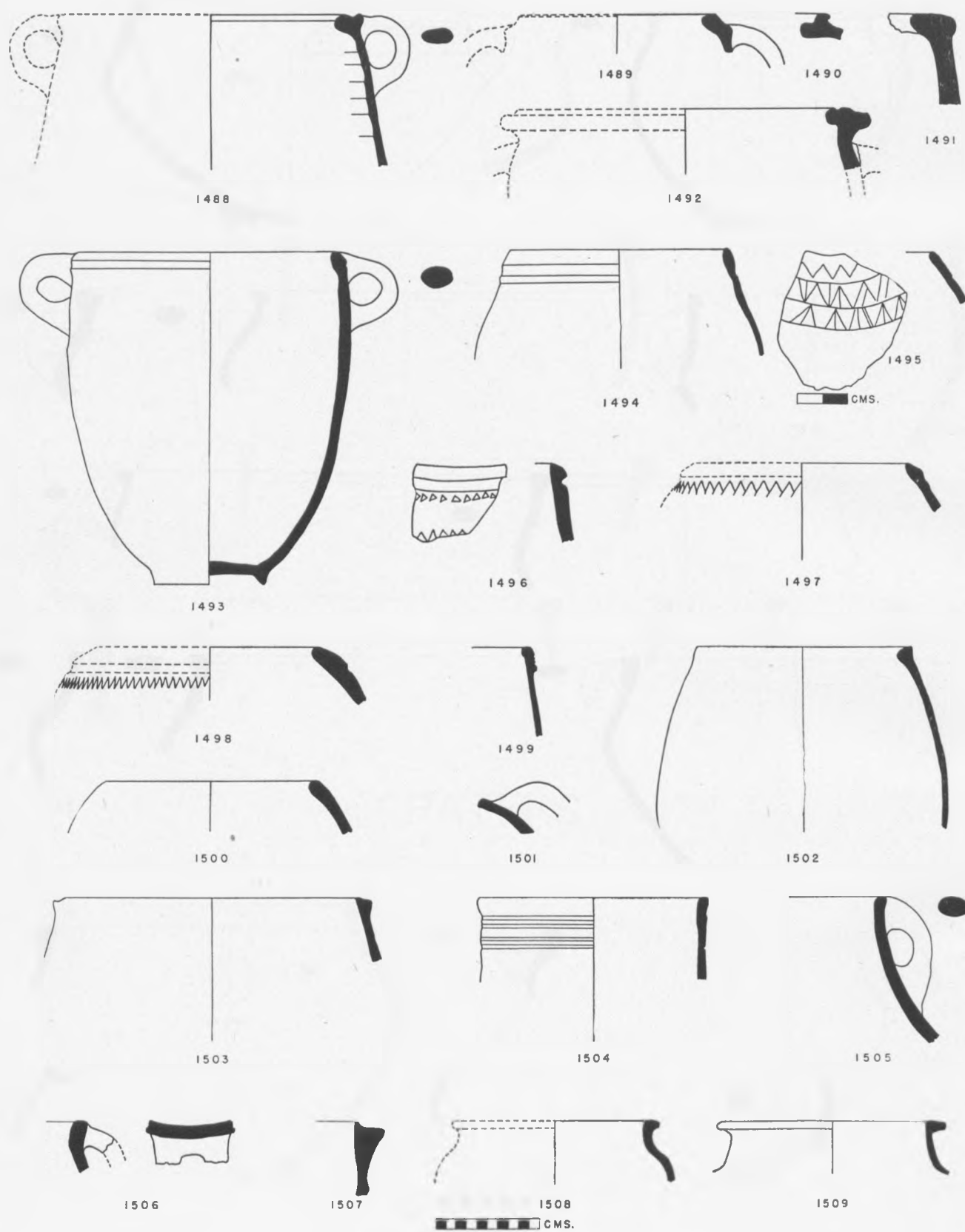
1486



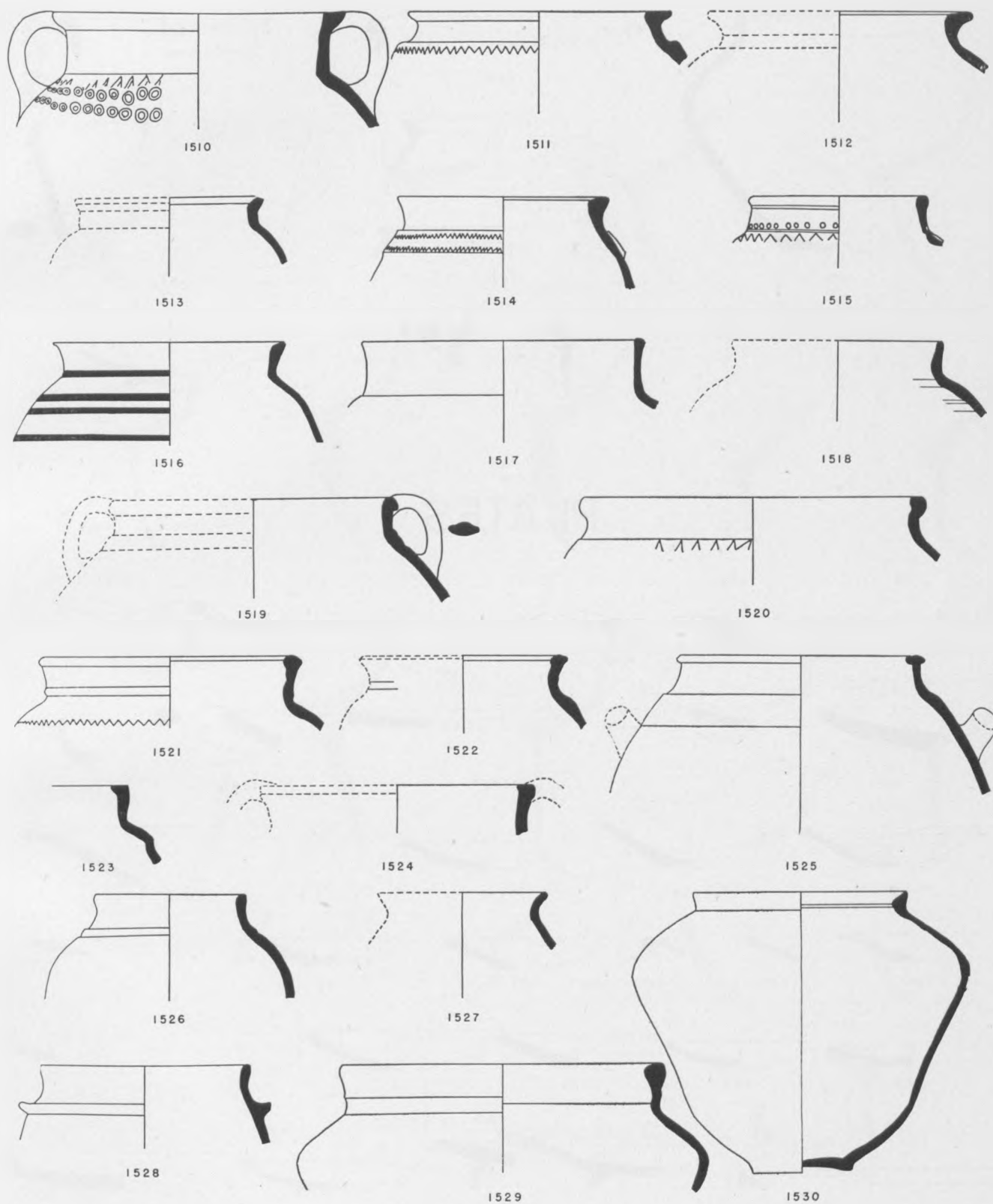
1487



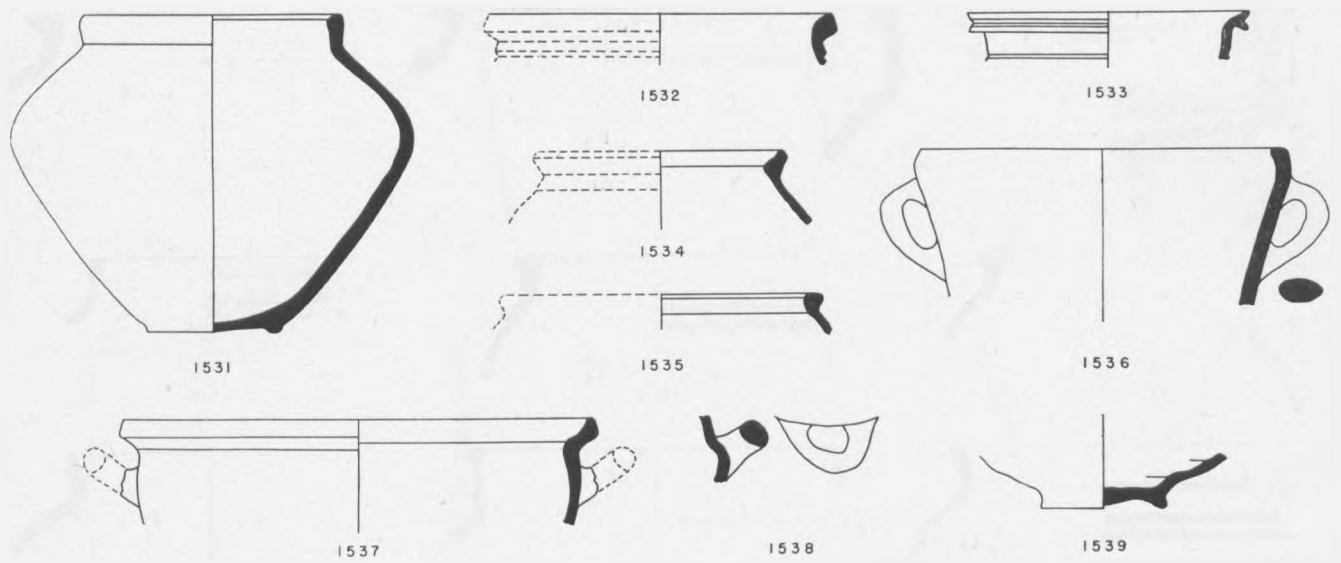
CRATERS



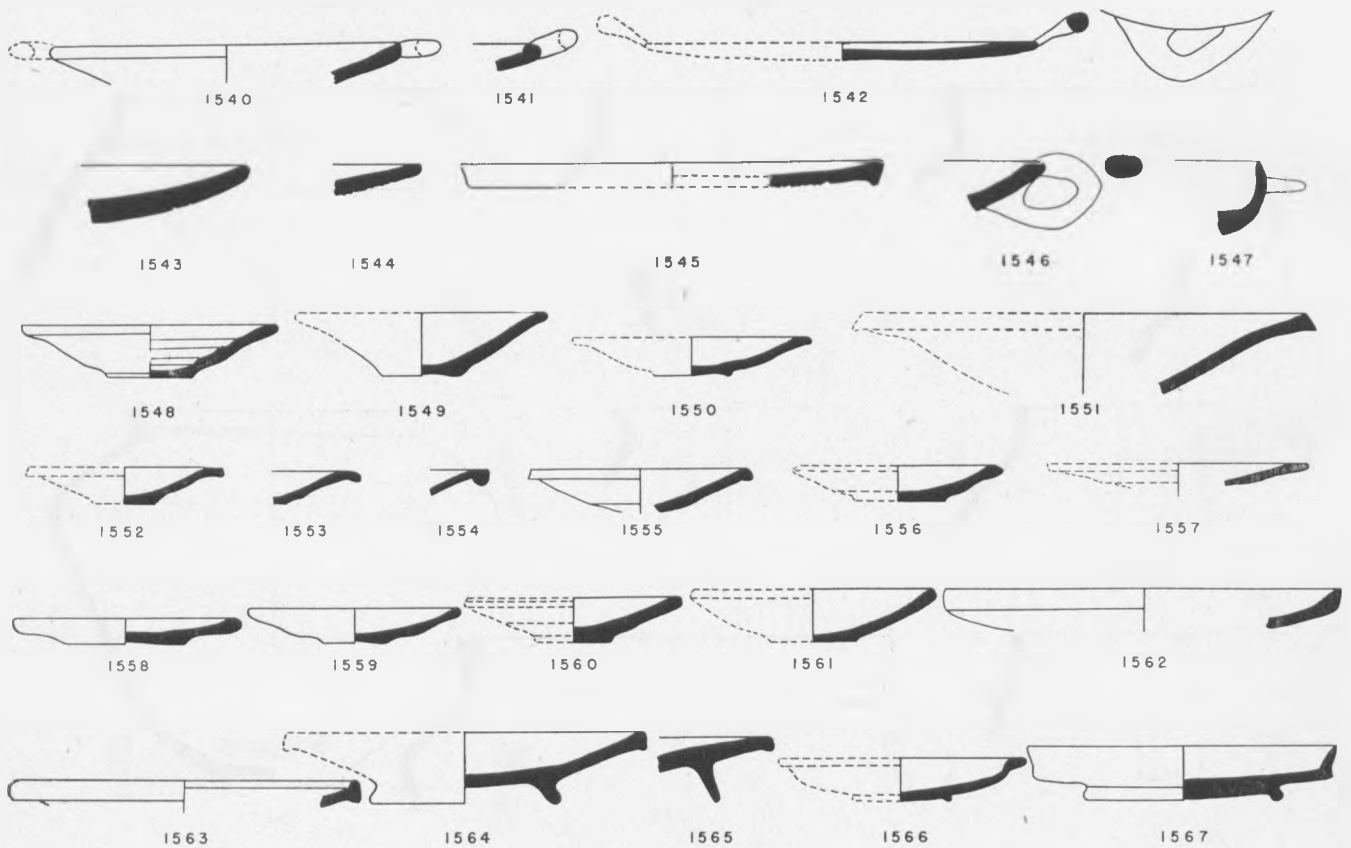
CRATERS



CRATERS



# PLATES





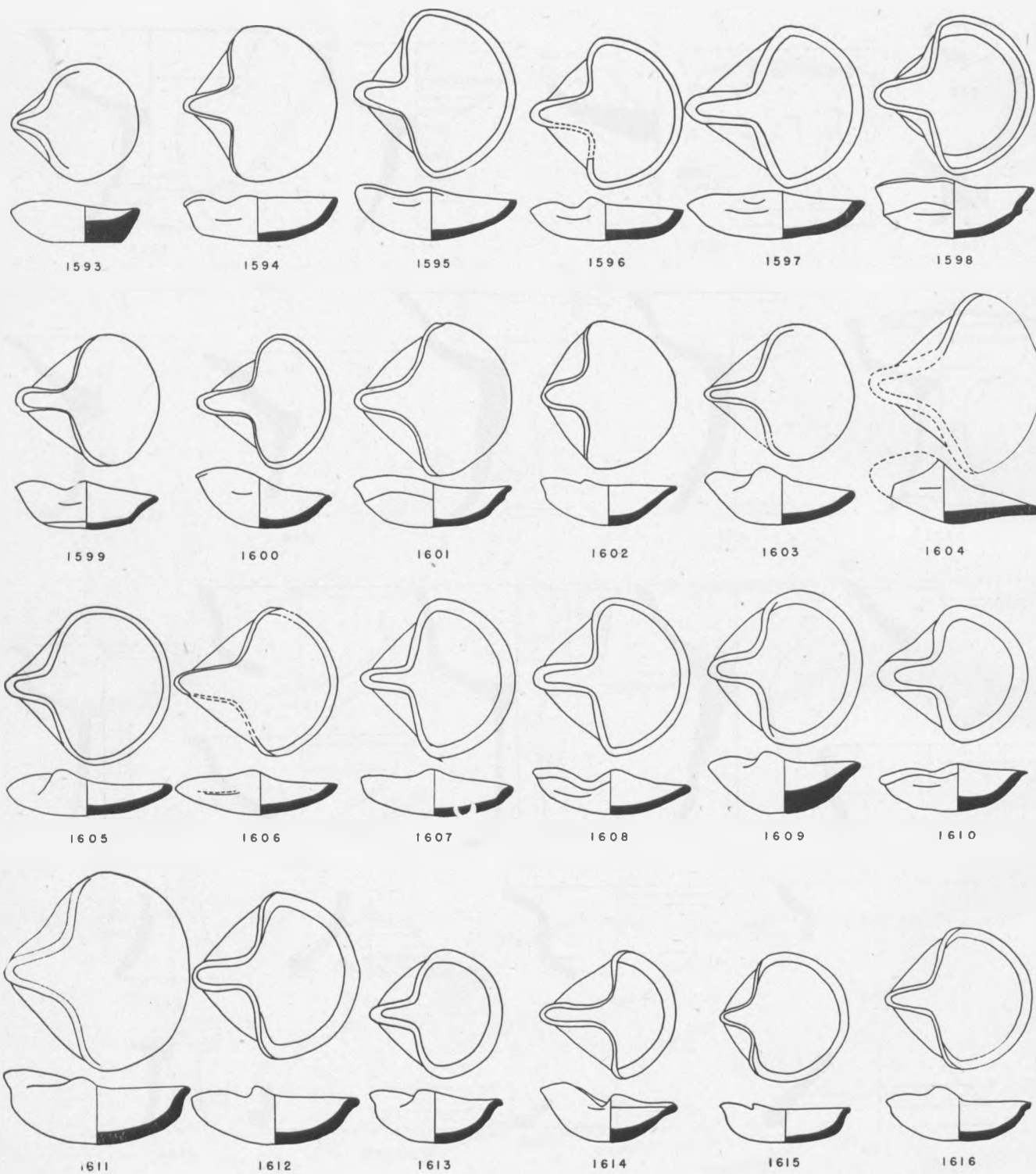
# CHALICES



CMS.

## CHALICES

## LAMPS



## LAMPS

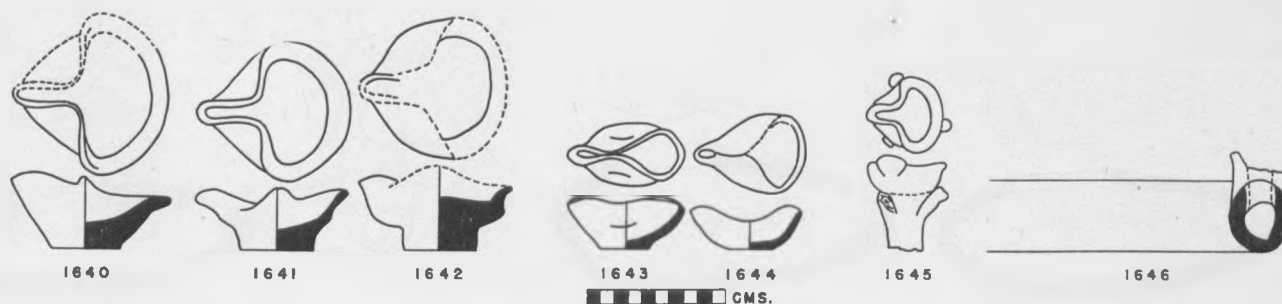
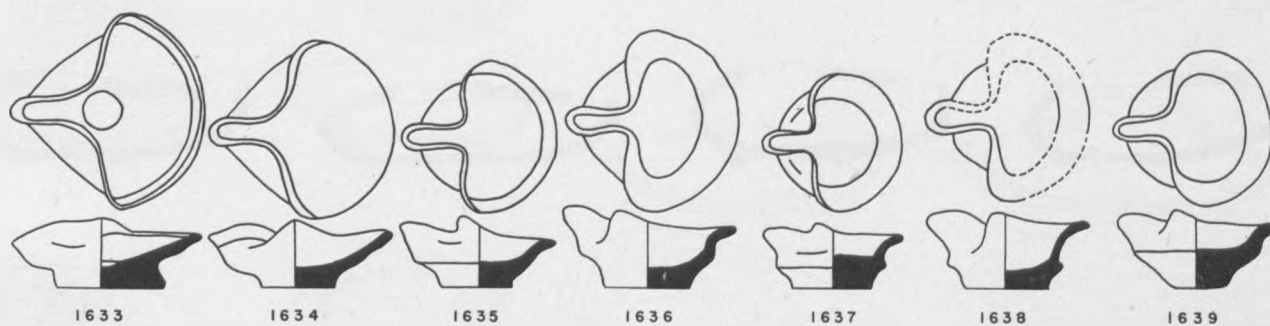
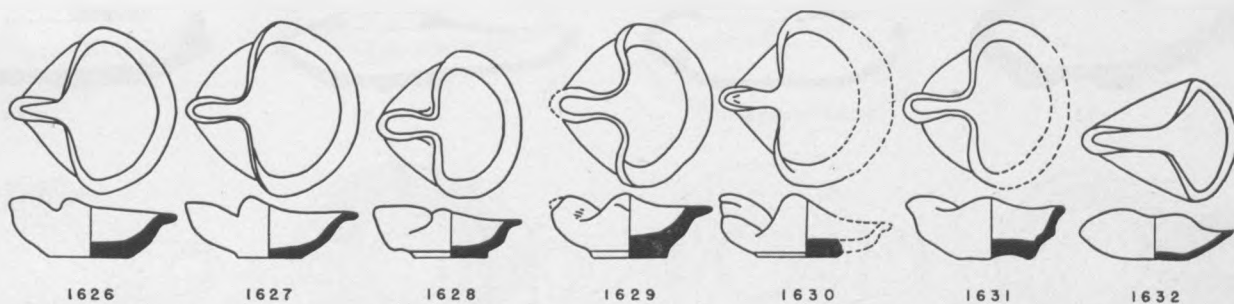
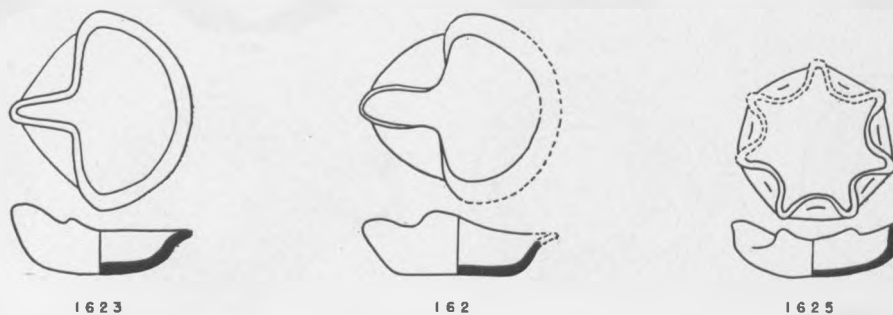
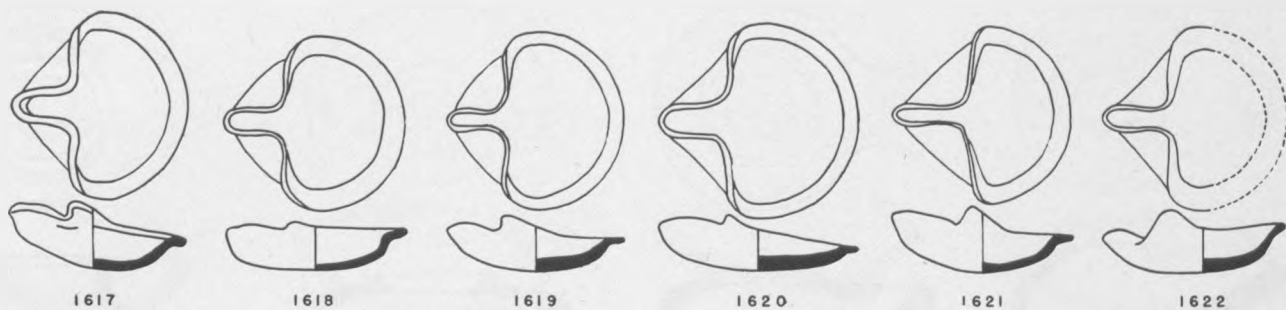
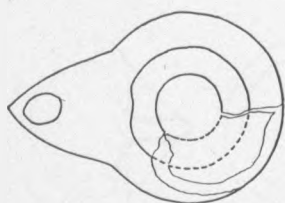
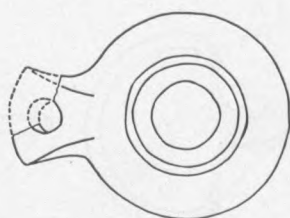


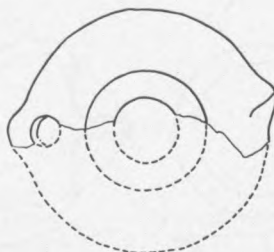
PLATE 72



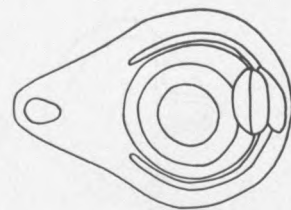
1647



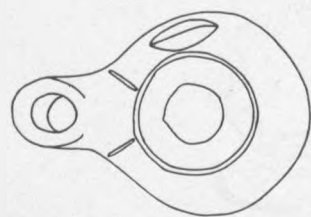
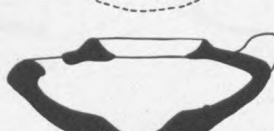
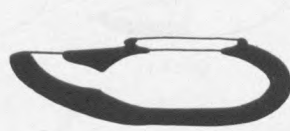
1648



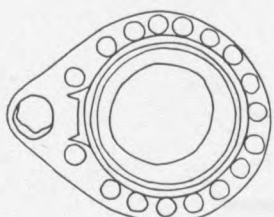
1649



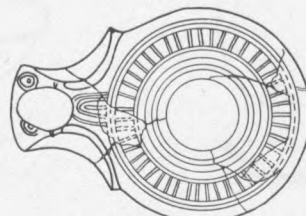
1650



1651



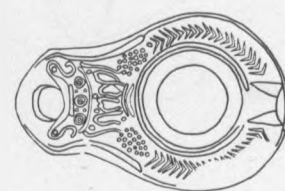
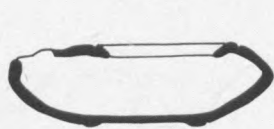
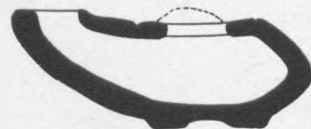
1652



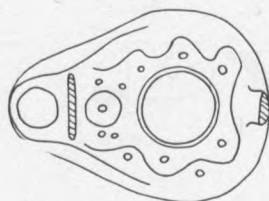
1653



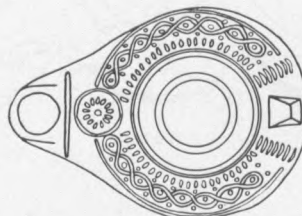
1654



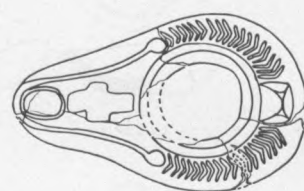
1655



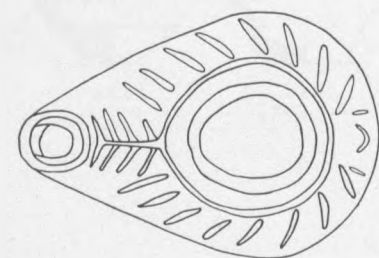
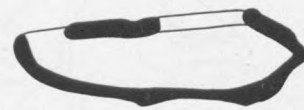
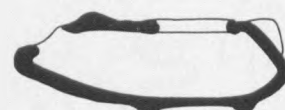
1656



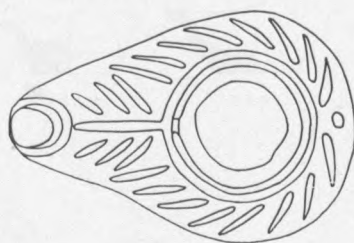
1657



1658



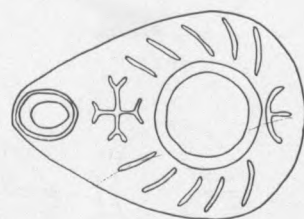
1659



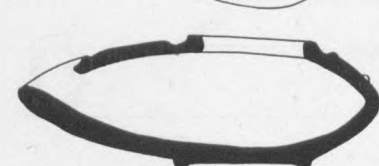
1660



1661

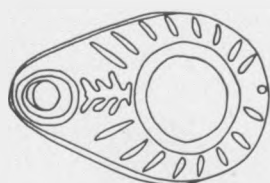


1662

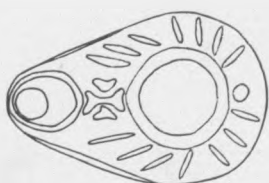


LAMPS

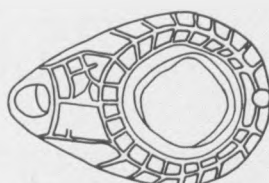




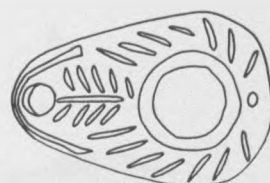
1663



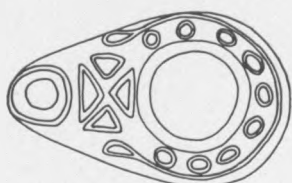
1664



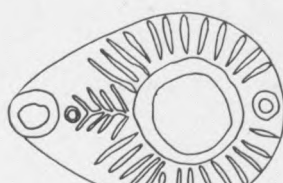
1665



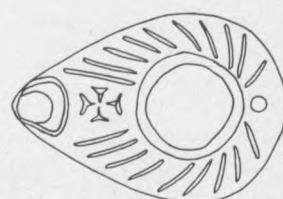
1666



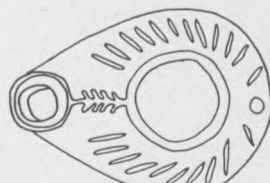
1667



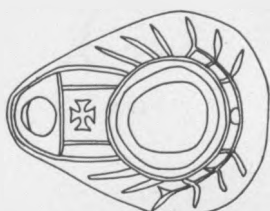
1668



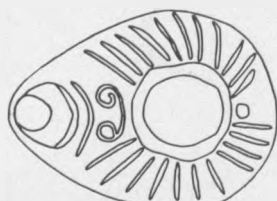
1669



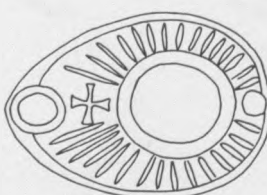
1670



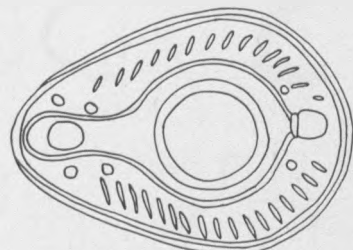
1671



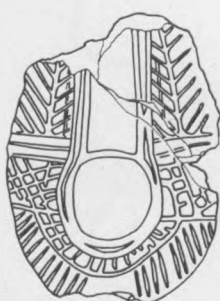
1672



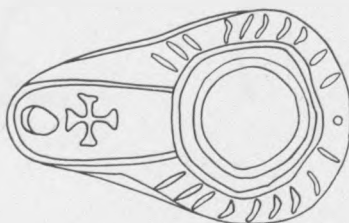
1673



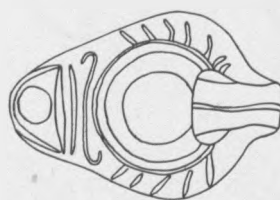
1674



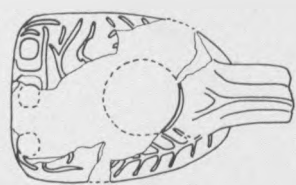
1675



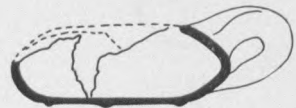
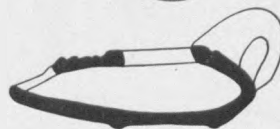
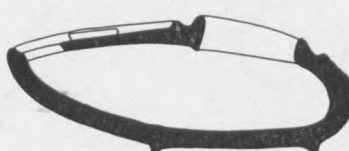
1676



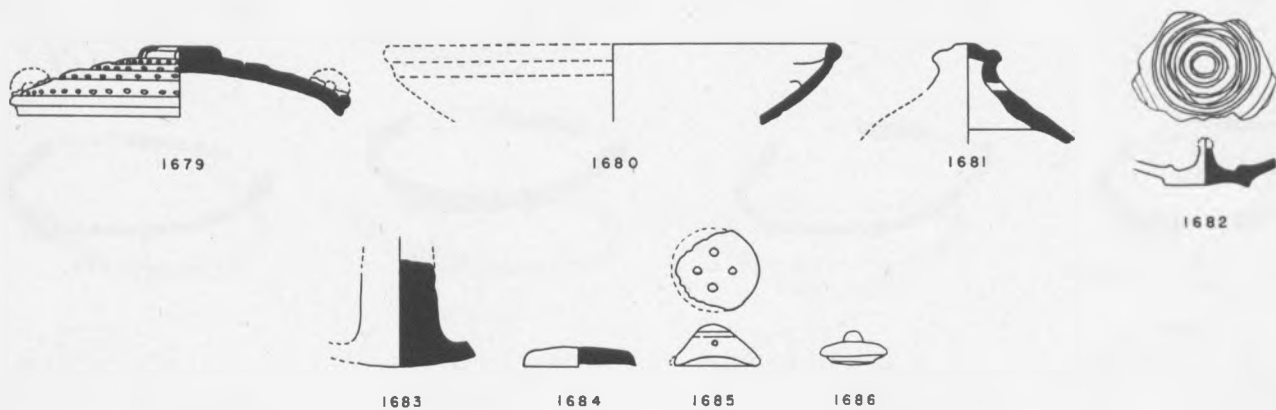
1677



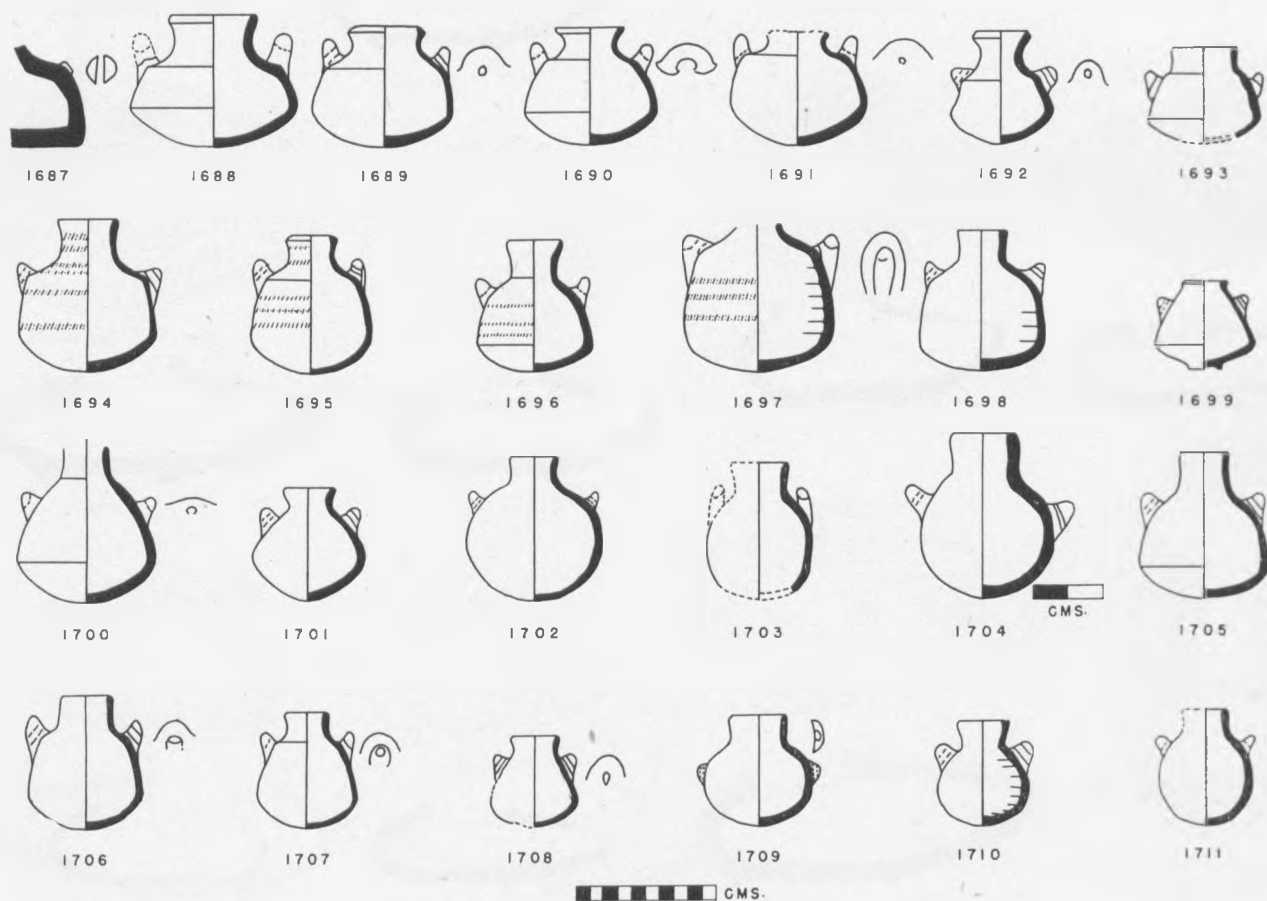
1678



# LIDS

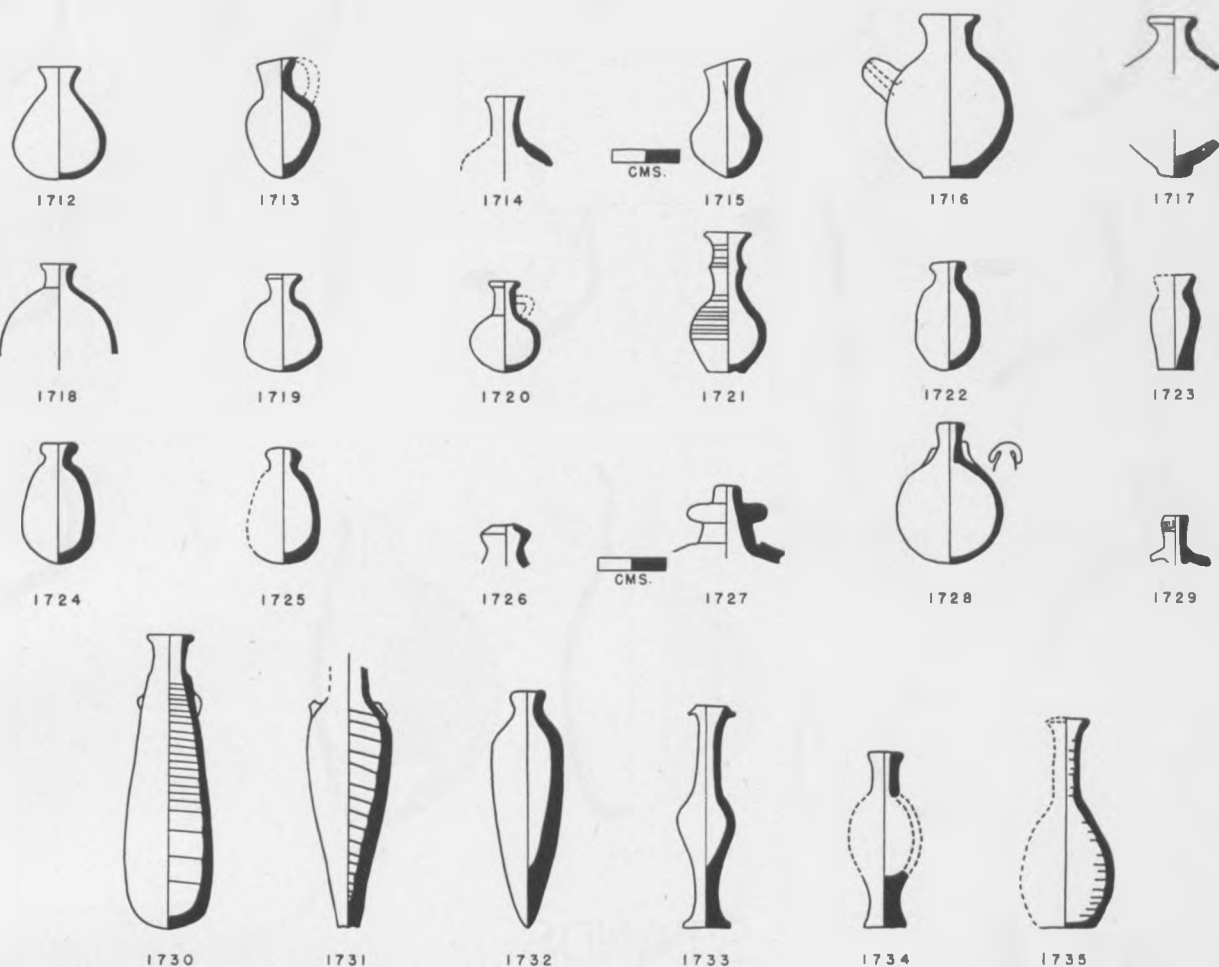


# SQUAT TWO-HANDLED VASES

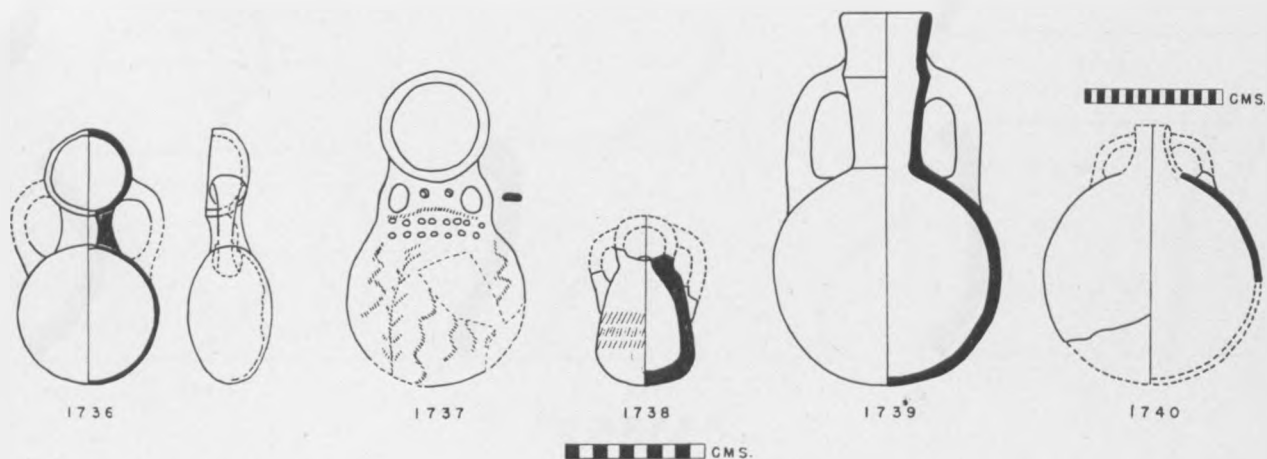


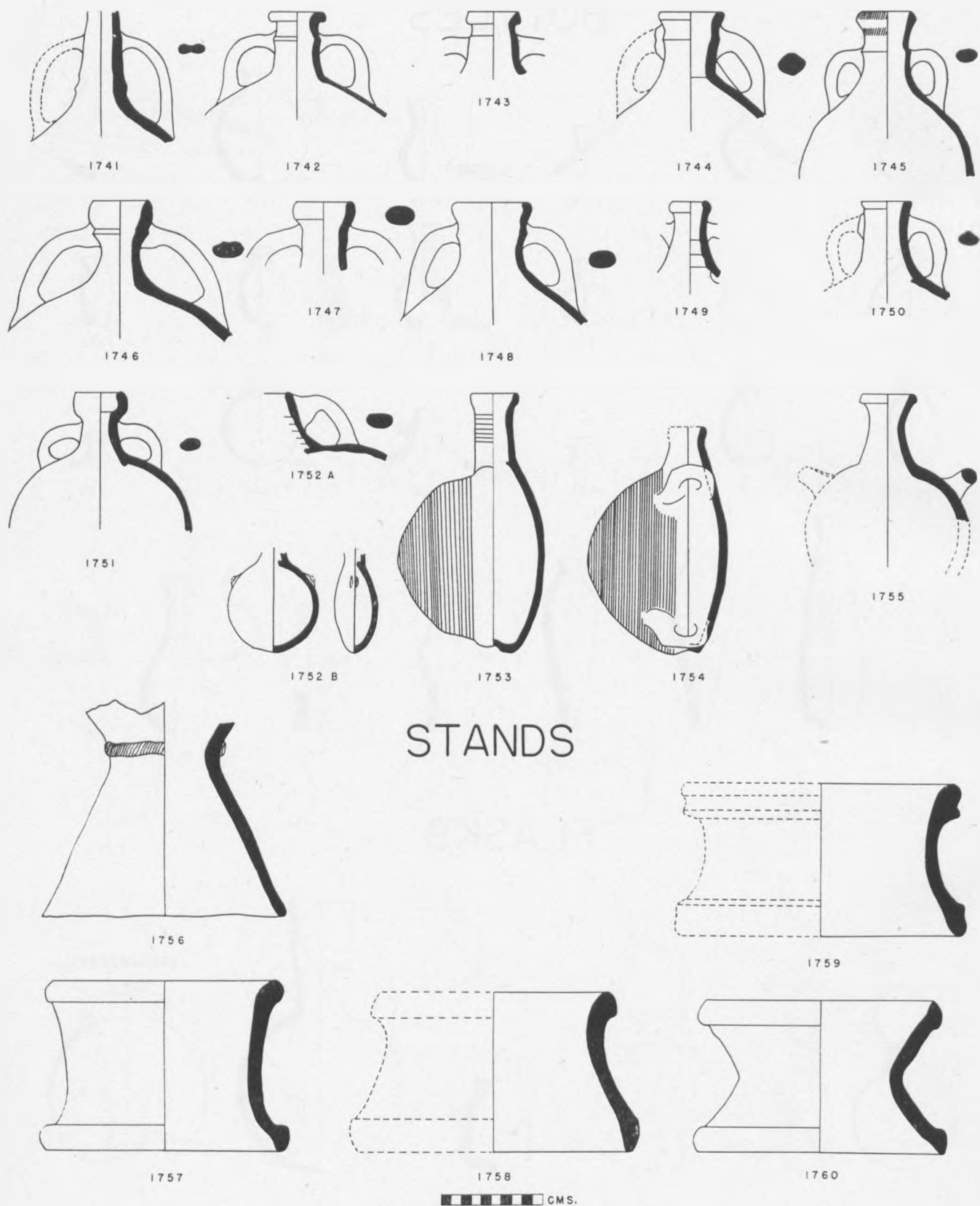


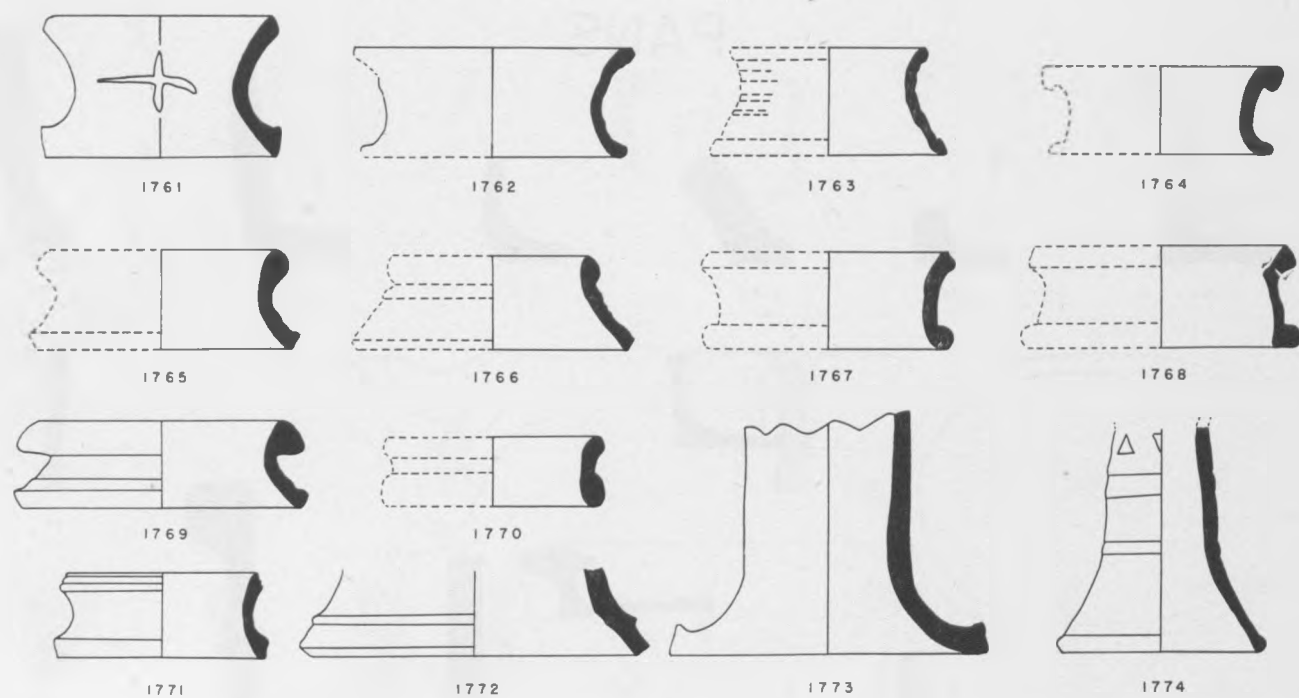
# BOTTLES



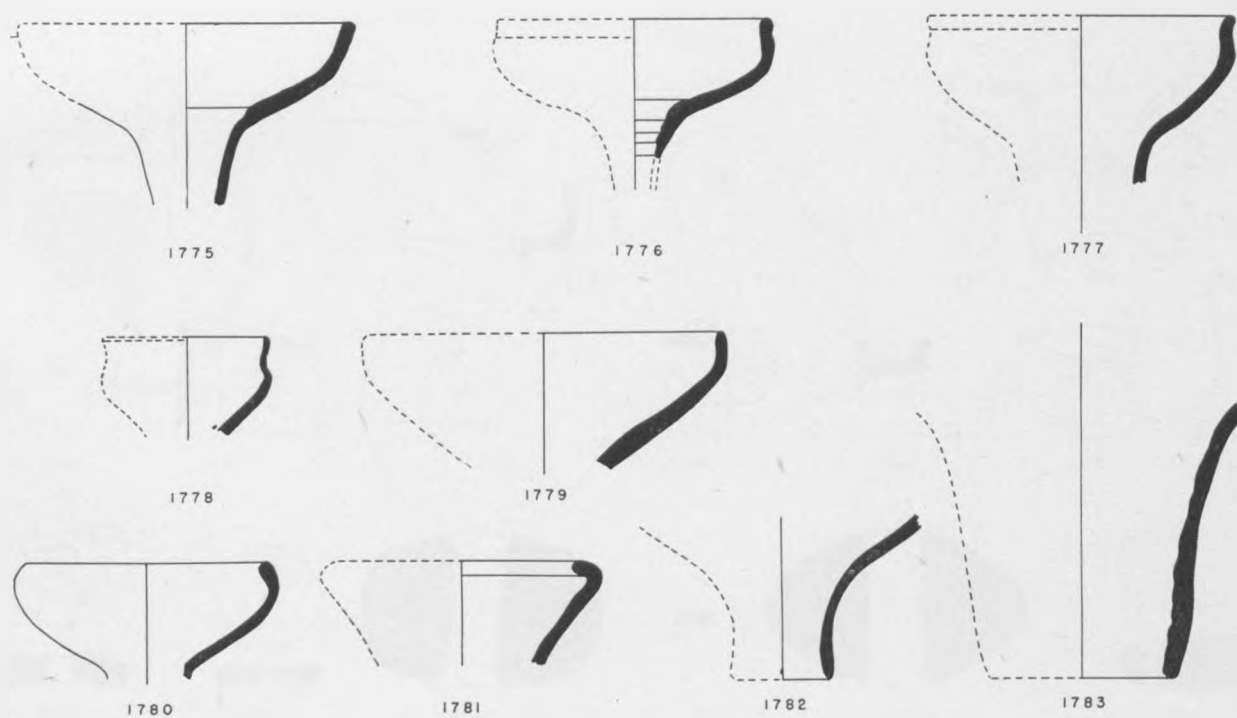
# FLASKS







## FUNNELS

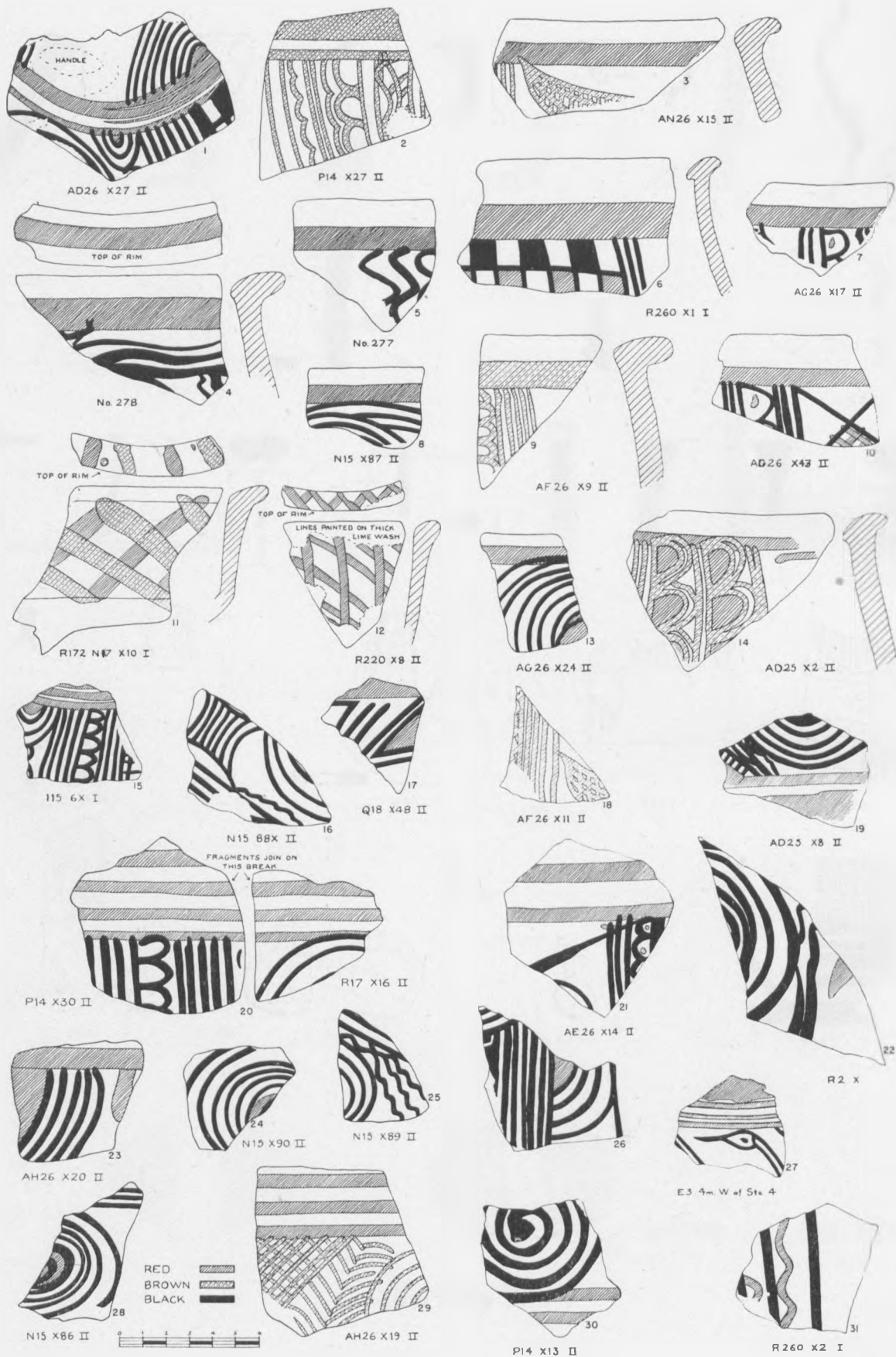




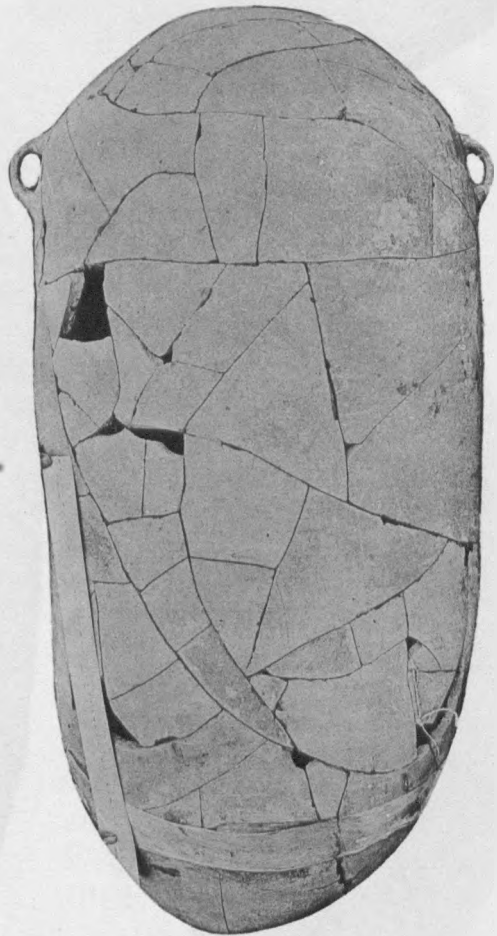
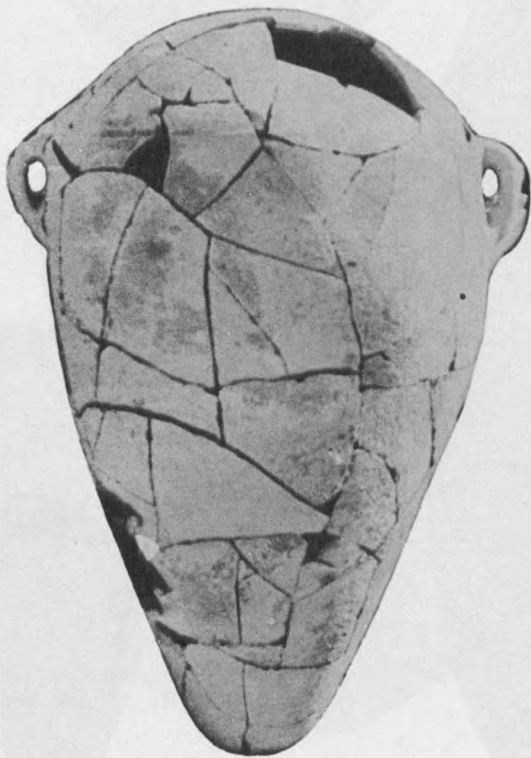
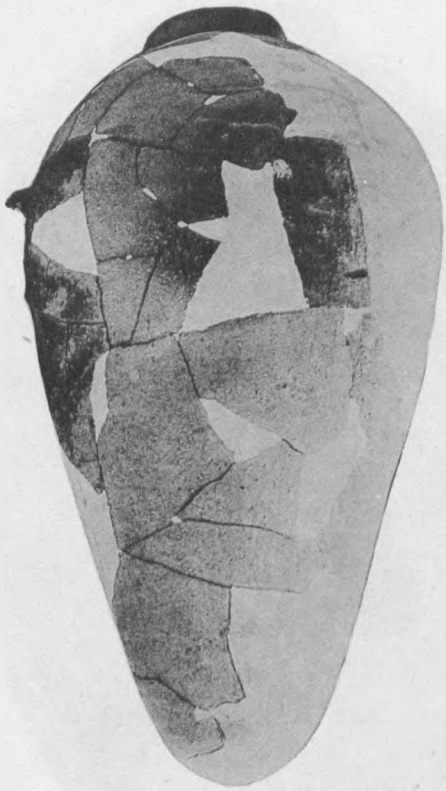


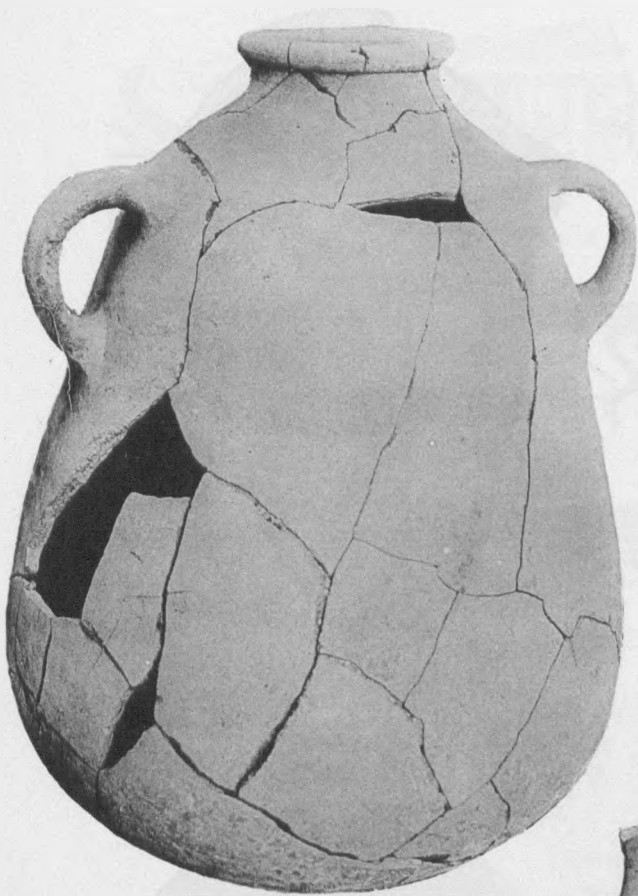
CMS.

MISCELLANEOUS

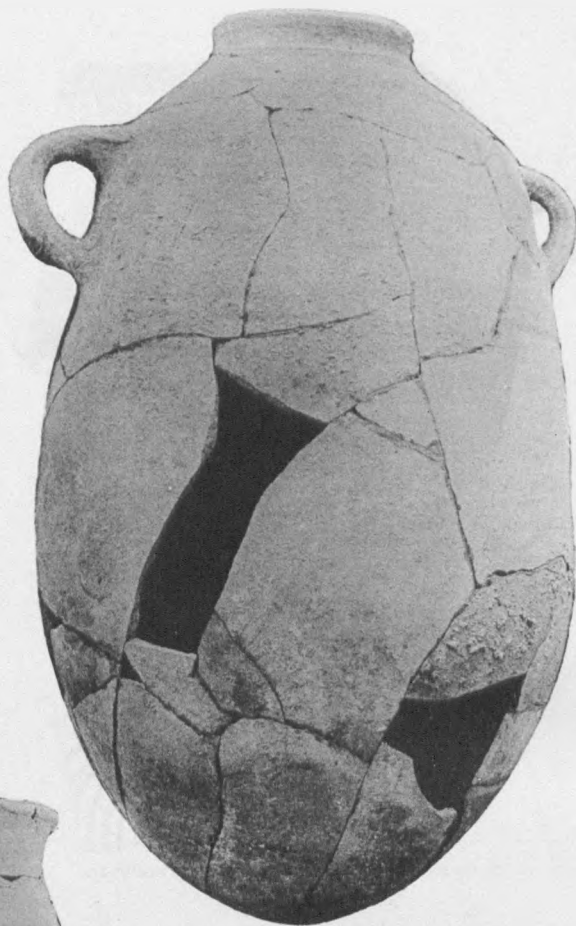








1



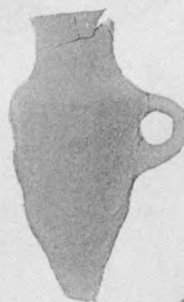
2



3



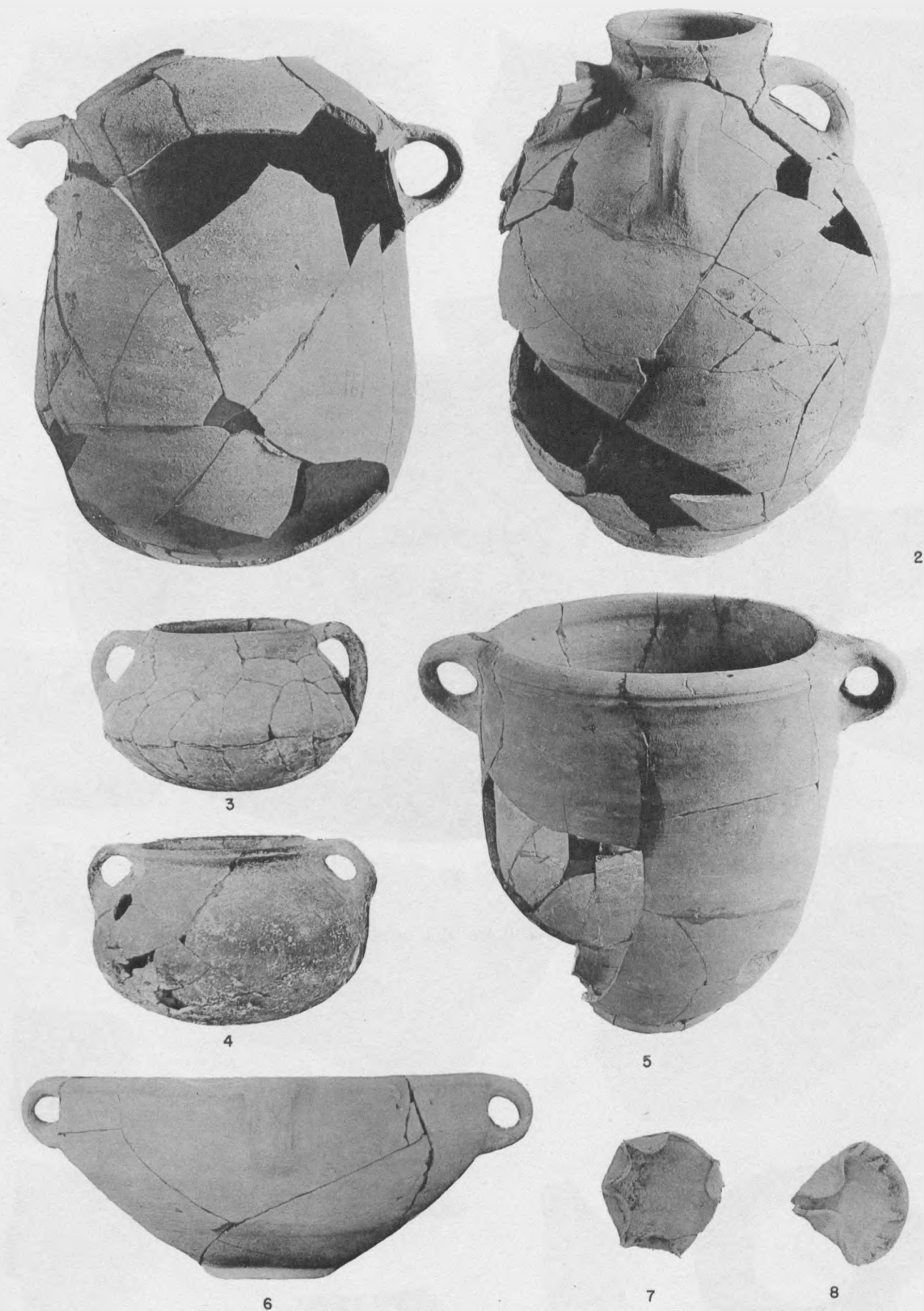
4



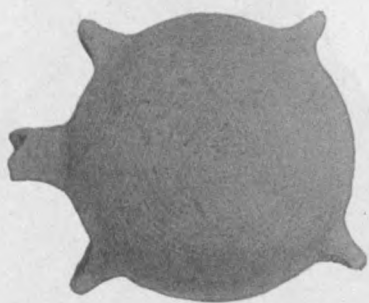
5



6



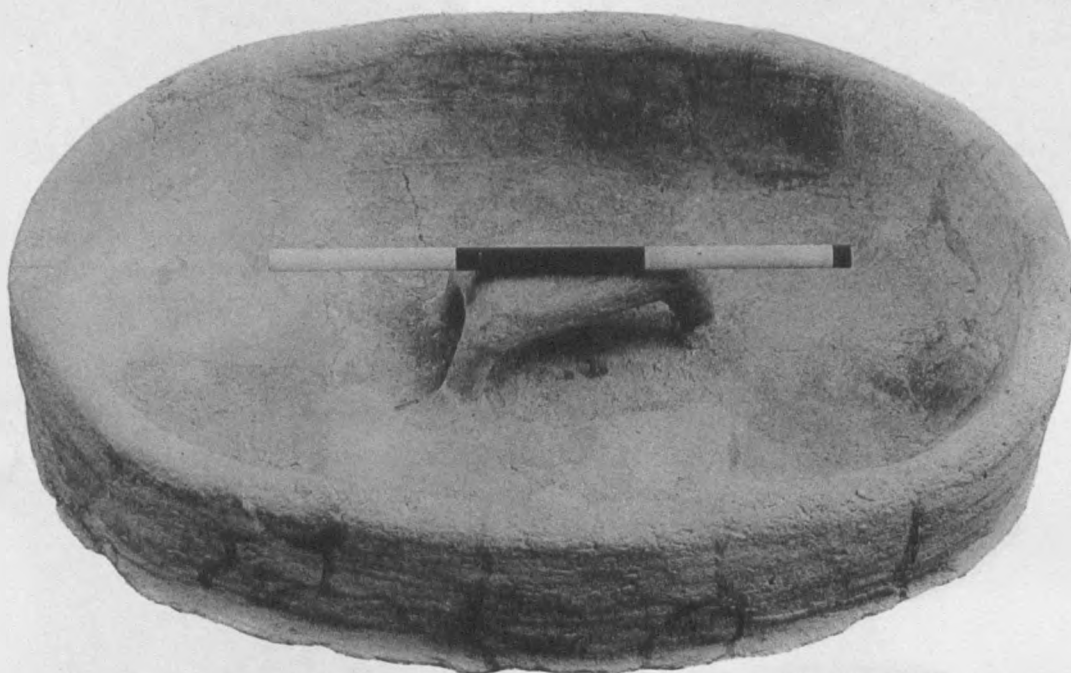
JARS, COOKING POTS, CRATER, BOWL, LAMPS



1



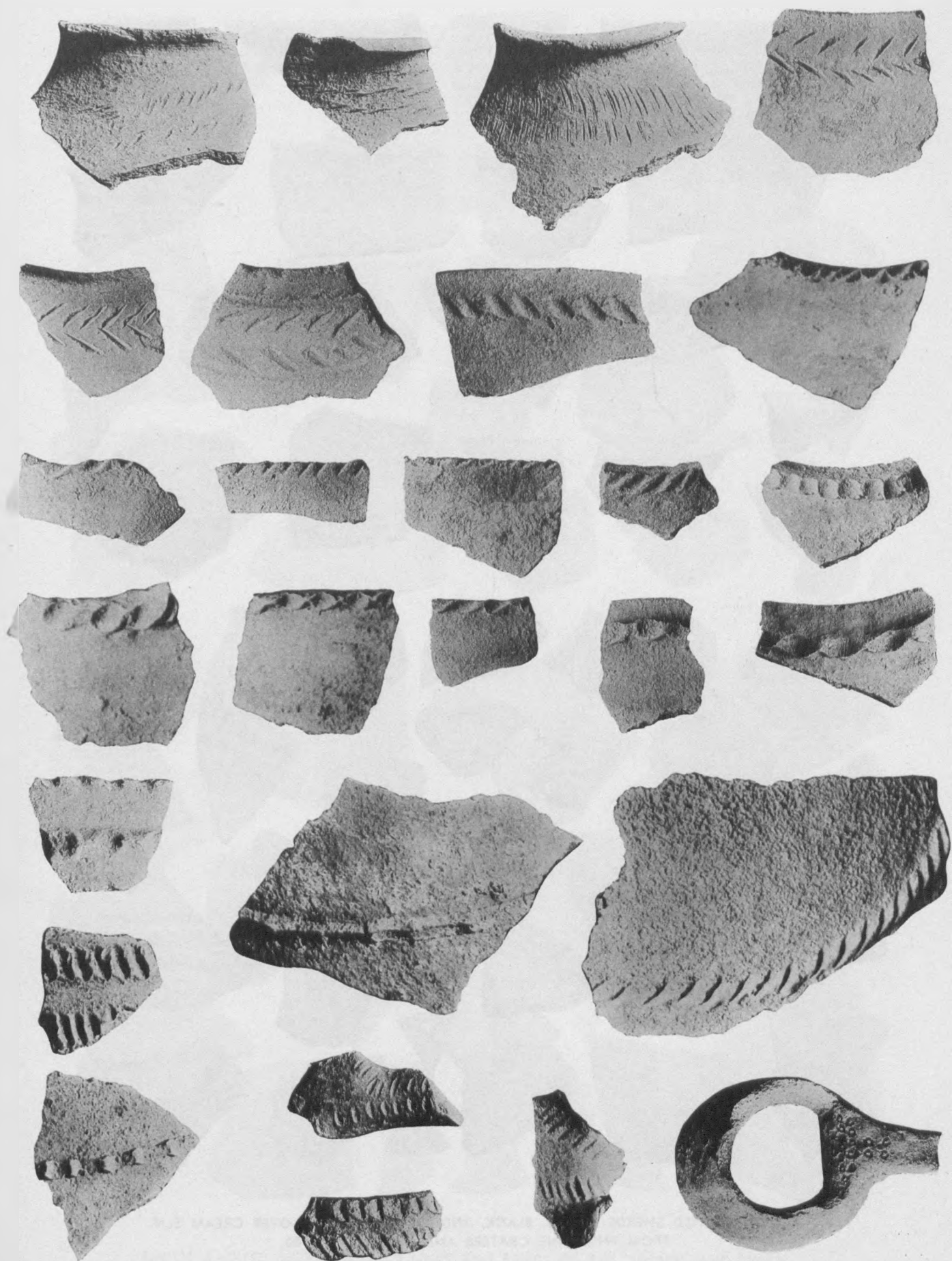
2



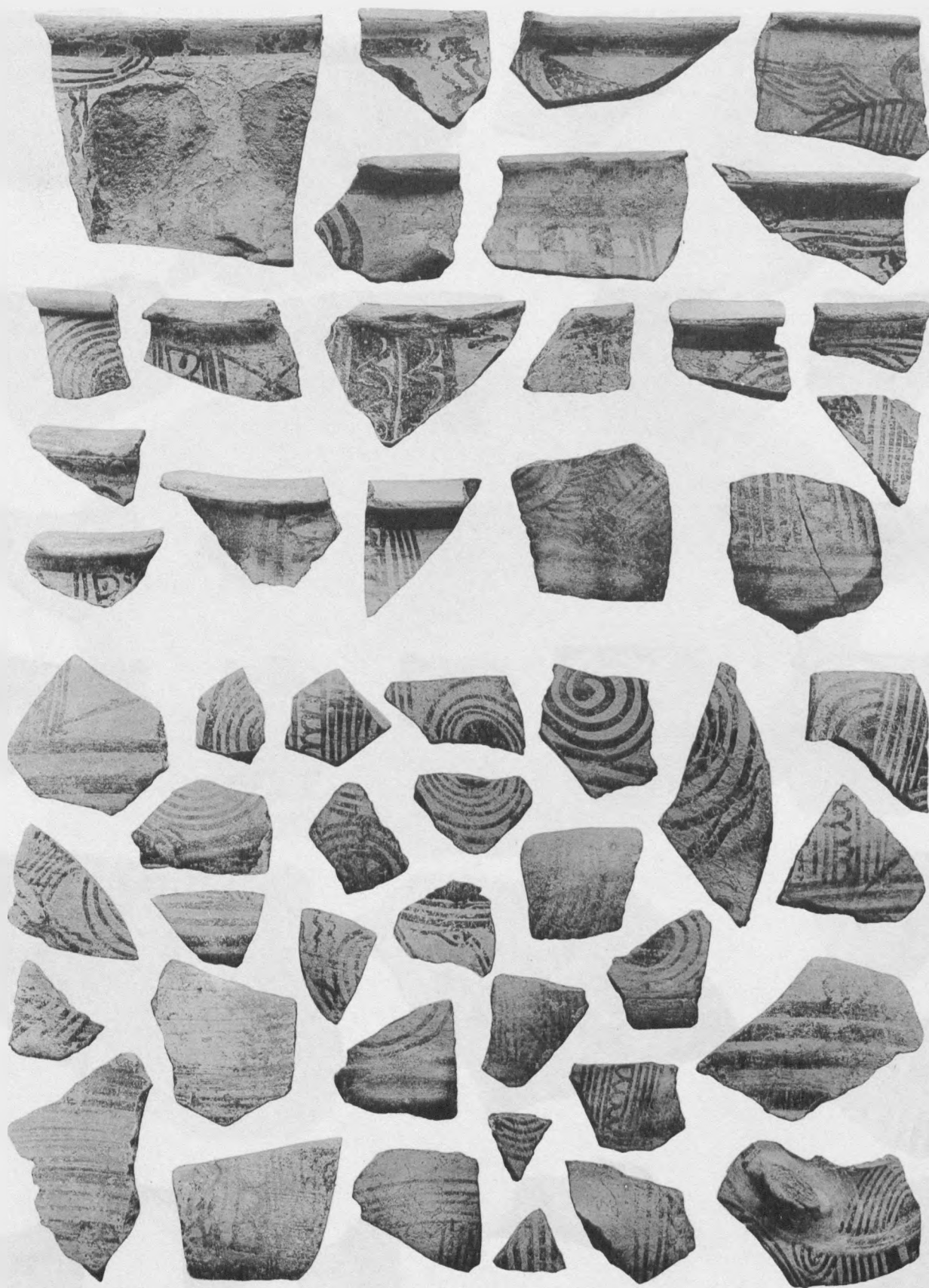
3

MISCELLANEOUS OBJECTS



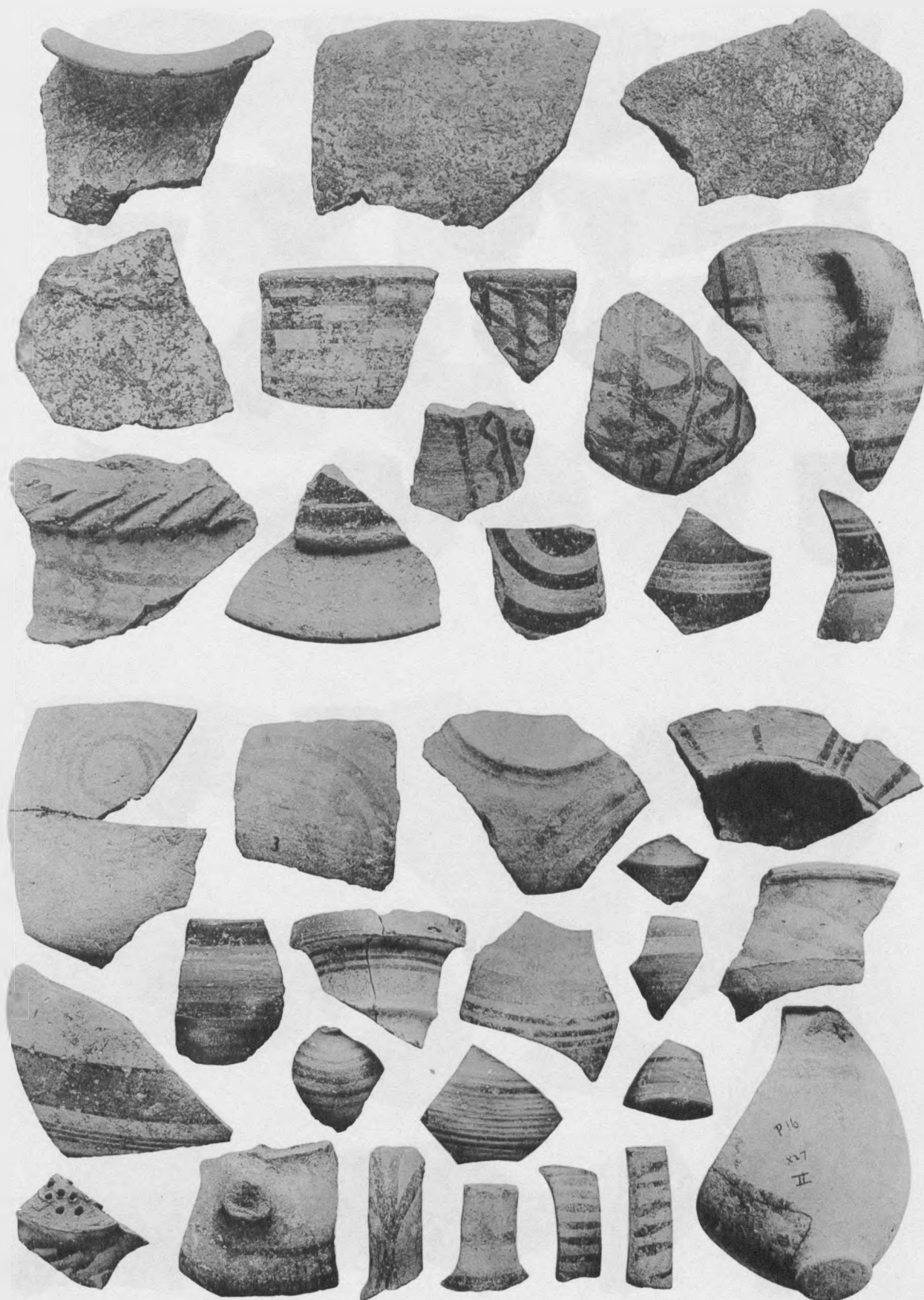


FINISH (EB): INCISED, IMPRESSED, IMPRESSED RAISED BANDS, SCALLOPED, PLAIN  
RAISED BAND, ROPE RIDGE, IMPRESSED HANDLES, AND REED IMPRESSIONS

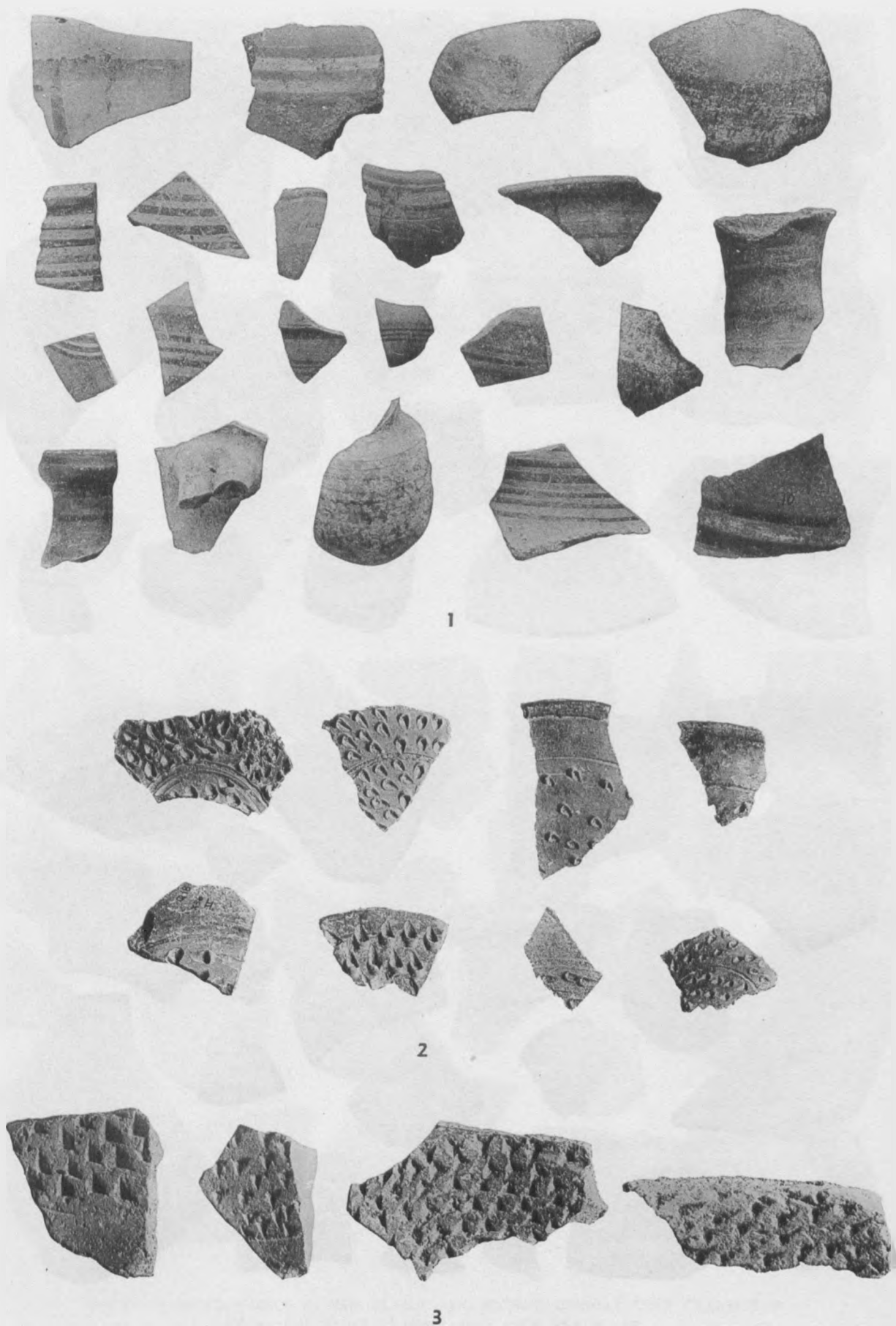


FINISH: PAINTED SHERDS IN RED, BLACK, AND BROWN, USUALLY OVER CREAM SLIP  
FROM PHILISTINE CRATERS AND JUGS. SEE PL. 80.





FINISH: PAINTED SHERDS, MOSTLY LINES AND BANDS OF RED, BROWN, AND BLACK, BUT SOME ORANGE AND WHITE. FIRST SIX ALSO COVERED WITH WHITE WASH.



FINISH: 1. PAINTED SHERDS, MOSTLY LINES AND BANDS OF RED, BROWN, AND BLACK, BUT SOME WHITE; 2. BAKING PLATE SHERDS WITH DIAGONAL IMPRESSIONS IN OUTER SURFACE; 3. SHERDS SHOWING BOWL INTERIORS WITH DEEP TRIANGULAR PITS.



1



2

FINISH: 1. IMPRESSED DESIGN — TRIANGULAR, ROUND, CIRCULAR, AND MISCELLANEOUS;  
2. SOME EXAMPLES OF RIBBING, ROULETTING, AND MISCELLANEOUS IMPRESSIONS.



FINISH: SOME RIBBED SHERDS AND EXAMPLES OF BURNISHING — VERTICAL, HORIZONTAL, CHORDAL, RADIAL, AND SPIRAL OR RING.