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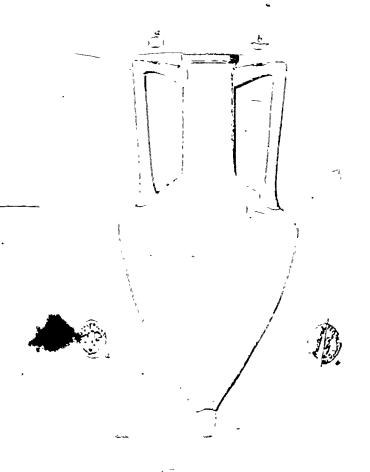
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## STAMPED GREEK AMPHORA HANDLES IN ISRAEL

by THOMAS C. SEAWRIGHT

Bachelor of Arts (Psychology, 1976) Wilfrid Laurier University



#### THESIS

Submitted to the Department of Religion and Culture in partial fulfillment of the requirements for the Master of Arts degree Wilfrid Laurier University

1988

Thomas C. Seawright, 1988

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## ABSTRACT

This thesis provides a data base of the sites in Israel at which stamped Greek amphora handles have been found and an index of the Greek names used in the stamps. The index is intended to be a guide only, to point out the publications which should be examined for more detailed information. The thesis illustrates, the use of the data base and index to prepare catalogues of stamped amphora handles by supplementing published listings of stamped handles found at Beth-Shean and by cataloguing stamped handles from Caesarea Maritima that were never previously published. The data base also lists the sites, in descending numerical order by number of Rhodian handles found at the site, by Natural Regions and by Political Regions, to permit future analysis based on those categories.

#### INTRODUCTION

idea for this thesis originated over the summers of 1976, 1978, 1980 and 1984 while participating, with mw wife Helen, as an area supervisor in the archaeological excavations at Caesarea Haritima, Israel, carried out by the Joint Expedition to Caesarea Maritima under the direction of Robert J. Bull. During those seasons a small number of amphora handles with Greek inscriptions were found and I became interested in determining their origin, date, and possible parallels from other sites in Preliminary research indicated that no comprehensive report listing the stamped Greek amphora handles found at the various ancient sites in Israel had ever been published and from that the idea for this thesis was developed. It is interesting to note that the need for this type of listing of stamp finds in the general Palestine area was recognized by Virginia Grace (1962b:10) during the preparation of her article on the stamped Rhodian amphora handles found at Nessana.

The thesis is organized into four basic areas. Chapter 1 provides some background on the major groups of stamped amphoras found in Israel, with the primary emphasis being on stamped Greek amphoras. Chapter 2 outlines the research methodology and computer applications. (As a major aspect of this thesis is the application of microprocessor-based technology, to facilitate both the production of the thesis and the analysis of the material, appropriate areas of the computer applications are

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explained in greater detail in Appendix B.) Chapters 3 and 4 illustrate the use of the Site Data Base Tables and Index of Greek Names to prepare catalogues of stamped mamphora handles. Chapter 5 provides a preliminary analysis of the material in the Site Data Base Tables in relation to the geographic regions in Israel and the political regions that existed during the Maccabean Period and Chapter 6 provides a brief conclusion. The remainder of the thesis consists of the Site Data Base Tables, the index for the Greek names and the notes, appendices, graphs and maps which supplement the foregoing material.

It is my belief that this thesis provides a valuable research resource for archaeologists and other scholars wishing any reason to study some aspect of stamped Greek amphora handles found in Israel, including those reasons set out on page 19 of this thesis in the section on the importance of the stamps. The Site Data Base Tables are a valuable tool as they provide a current listing of the sites at which the various types of stamped Greek amphora handles have been found and the material is provided in a way that permits its analysis on the basis of both geographic and political regions. The Index of Greek Names is also valuable, particularly in its computerized form, as it provides a ready reference source for archaeologists when searching for parallels to stamps found at other sites in Israel.

#### **ACKNOWLEDGEMENTS**

This thesis would not be complete without an expression of my deepest appreciation to my adviser. Dr. Lawrence E. Toombs, whose help and guidance during both my undergraduate and graduate studies were invaluable to me. Special thanks are also due to Dr. Robert W. Fisher who gave so freely of his time during my undergraduate studies and who also assisted me as a member of my thesis committee.

This thesis is dedicated to my wife Helen whose enthusiasm, encouragement and support are a constant inspiration.

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## Chapter 1

#### STAMPED AMPHORAS

The Origin And Use of Amphoras in the Near East

Amphoras are two-handled pottery containers made especially for transporting and storing moist goods, particularly wine. The word "amphora" is from the Greek amphiphoreus or amphoreus and means "something which can be carried from both sides" (Grace, 1961:10; Will:265). The shape of amphoras varies over time and according to the place of origin, but all have at least two opposing handles, a narrow mouth, capable of being sealed, and a thin knobbed or pointed base which serves as a third handle. (Grace, 1961:2). /1/ Plate 1:1 (p. 177) illustrates typical amphoras, in this case two third century B.C. Rhodian amphoras (Grace, 1961:fig. 22).

Remains of amphoras such as these have been found at many sites in the Middle East. Grace believes that their form originated in Canaan, the area at the eastern end of the Mediterranean now known as Israel, Lebanon and Syria, during the eighteenth century B.C. (1956a:80,83). However, Parr traces the form even further back and suggests that the form of the Canaanite jar itself was derived "from a very similar type of vessel in use somewhat earlier in southern Mesopotamia" (180). Amiran believes that the Canaanite jar was developed "purposely for trading" (141). A few Canaanite jars were imported into Greece as early me the Mycenaean period (1425 B.C. to 1100 B.C.) (Grace, 1956a:86-87; 1961:8; Akerstrom:185-192). Plate 1:2

illustrates a Canaanite jar or amphora, Areopagus Tomb in Athens, which dates to the beginning of the Mycenaean Period (akerstrom: 188). Grace and Amiran believe that the form of the Canaanite jar was adopted and modified by both the Phoenicians, who were descendants of the Canaanites, and, by the Egyptians ca. 1450 B.C. 1961:10; (Grace, 1956a:86, Amiran:141-142). /2/ Wood suggests, however, that this form of store jar was brought into Egypt ca. 1800 B.C. by Asiatics and that it "then followed a development of its own in Egypt, quite apart from its development in Syria-Palestine" (79). are then thought to . have obtained the idea of streamlining the jar for transport either through their contact with the Egyptians or with the Phoenicians in the early part of the first millennium B.C. (Grace, 1956a:81-95, 1961:9-10). Greek settlement and trade in Sicily and southern Italy led, in turn, to the development of Greco-Italic types of amphoras ca. 300 B.C. which were the prototypes for the Roman amphora (Peacock:23).

While amphoras were primarily used to transport and store moist goods, they also had many secondary uses. They were, of course, commonly reused to store water (Rotroff:95; Grace, 1961: 5-6). The Greek historian Herodotus records their reuse for this purpose in his account of the use of used wine jars to supply water for trips through the desert from Egypt to Syria ca. 450 B.C. (Herodotus, III, 5-7; for an English translation see Godley:9). (Note that it is very probable that empty Rhodian amphoras were imported into Egypt in bulk for general storage and

transport purposes (Fraser, 1972a:168).) They were also reused to store figs, salt (Hall: 389) cheese, pickled fish, beer, nuts, honey, (Grace, 1961:6) garum (a fish sauce), olives, and pitch Broken amphoras were used in construction for leveling and filling purposes (Grace, 1961:6), in domes, walls and floors because of their acoustical properties, as a filler in concrete and as sewer pipes and air pipes (Will: 266). On occasion they were used for funerary purposes (Grace==21961:6; Giveon:20-27; Will: 266). Their reuse for secondary purposes is confirmed by in documents written on papyrus" (Grace, 1962b:107, 1966b:286) and in the written records of the Delian 200-170 B.C. (Kent, 1948:243-338), which temple estates, ca. record the resale of empty amphoras (Kent, 1953:128-129).

## Stamped Greek Amphora Handles

The stamped amphora handles that will be considered in this thesis are primarily those from amphoras that originated in the wine producing states on the Aegean Sea: eg. Rhodes, Knidos, Thasos, Kos, and Chios. (See map: Centers of the Ancient Wine Trade, page 167). Amphoras were produced in these centers mainly for the storage and export of the local wines. However, there is some evidence to indicate that the amphoras themselves were exported and filled elsewhere (Peacock:17; Fraser, 1972a:167). Rhodes and Knidos were the major centers and exported wine "...to the various colonies and settlements around the Mediterranean" (Peacock:23). The primary emphasis in this thesis will be on the

amphoras from Rhodes as they constitute the overwhelming majority of the stamped amphoras found in eastern Mediterranean sites.

Stamped Greek amphora handles have been found from as far south as Memphis in Egypt, as far west as Spain and France, as far east as Persia, and as far North as Kiev, Russia and central Rumania and Turkey (Grace, 1947:449, 1949:183). The largest collection of stamped amphora handles is in the Graeco-Roman Museum of Alexandria which houses approximately 94,000 mainly Rhodian handles (Grace, 1956b:323, 1966b:286). Other large collections are the collection of about 20,000 (as of 1960) mainly Knidian handles found in the Athenian Agora (Grace, 1970a: 282) and the collection of 18,000 mainly Knidian handles in the National Museum, Athens (Grace, 1954:269). Refer to Appendix I (pp. 151-156) for further details on these collections and other key finds.

In view of the large number of stamped amphora handles that have been found it is important to emphasize that not all Greek amphoras were stamped (Grace, 1970b:55) and that the percentage of each series that was stamped is not known. Peacock considers that "... a high proportion of Greek amphoras were not stamped ..." (23). Garlan believes that almost all third to first century Rhodian amphoras were stamped on both handles, that varying percentages, up to 80%, of Thasian were stamped and that only a "small minority" of Coan amphoras were stamped (1983:28-29). Accurate knowledge of these percentages is, of course, vital before conclusions can be drawn about relative trade

relations on the basis of the number of stamped amphora handles found at a site.

## Chronology

Chronologies for the major series of Greek amphoras have now been established through studies of the development of amphora forms, by dating the amphoras from the context in which they have been found, and through the style and contents of the amphora stamps (Grace, 1962b:113, 1970a:278, 289).

The earliest Greek series of amphoras to be stamped with "official" stamps, were Chian ca. 450-425 B.C. (Grace, 1949:182). The oldest amphora stamps containing Greek names are Thasian and date to ca. 425-400 B.C. (Grace, 1956c:122). Imports of the Thasian series into Athens end about 200 B.C. (Grace, 1934:200). However, the series itself probably ends about 69 B.C. (Bon: 43). Knidian stamps began about <800 B.C., with the "normal" /3/ stamps commencing about 200 B.C. and the "most familiar type, circular with boukranion," starting about 150 B.C. (Grace, 1934: 200; 1949:182). (Boukranion are bull's heads). The Knidian series ended sometime after 86 B.C. (Grace, 1970a:324). double-handled, stamped amphoras commenced in the third century extended into the Roman Imperial Period (Grace, B.C. and 1949:181). A non-double handled type of stamped Koan amphora has also been identified (Grace, 1970a:363). According to Grace the Rhodian series began in 289 B.C. and ended about 30 B.C. (Landau, However, "the great volume of the Rhodian trade took

place between 225 and 150 B.C." (Grace, 1934:200). Grace has established time periods for this series as follows:

- I. ca. 289-240 B.C.
- II. ca. 240-210 B.C.
- III. ca. 210-175 B.C.
  - IV. ca. 175-146 B.C.
  - V. ca. 146-108 B.C.
  - VI. ca. 108- shortly after 80 B.C.
- VII. Shortly after 80 B.C. up to ca. 30(?) B.C. (Landau, 1979:154). /4/

These periods were developed utilizing the criteria previously mentioned. In particular the periods were derived as follows:

Periods I and II are dated from the amphoras found in the Athenian Agora (Grace, 1952:525). Period I ends when months began to be named on the amphora stamps (Grace, 1970a:286).

Period III is dated from the original deposit at Pergamon (See Grace, 1970a:290 for details).

Period IV is dated between the period of the original Pergamon deposit and the destruction of Corinth and Carthage (Grace, 1970a:286). Both periods III and IV are verified by the stratification at Gözlü Kule, Tarsus (Grace, 1952:525).

Period V is from the destruction date of Corinth and Carthage to the destruction date of Samaria (Grace, 1970a:286).

Period VI is dated to correspond approximately with the Knidian duoviri period (Grace, 1970a:286, 296, 301). (The duoviri are annually appointed pairs of commissioners whose names

appeared, along with those of the eponym and fabricant, on Knidian stamps during the late 2nd century to ca. 86 B.C. (Grace, 1956c:147; 1970a:321-324).) Grace's time periods are now commonly utilized by other authors when reporting on Rhodian stamped amphoras. (For examples of catalogues using Grace's time periods see Nachtergael:18-57 and Saflund:12-16.)

## Amphora Forms

Amphora forms differ between series. Plate 2 (p. 178) shows left to right Rhodian, Knidian and Chian amphoras which were found in the debris of the destruction of Athens by the Romans in 86 B.C. The amphora on the right is Roman (Grace, 1961:fig. 36). Plate 3 (p. 179) shows further typical amphoras. Left to right, bottom row, are Knidian, Koan and Knidian amphoras of the second century B.C. In the top row are a Rhodian amphora from the early second century B.C. on the left and a Thasian amphora from the early third century B.C. on the right (Grace, 1949:pl. 19).

As previously mentioned, the form of amphoras within a series changes over time and is one of the criteria for dating the amphoras. For example, plate 4:1 (p. 180) shows the development of Koan amphoras dating from the third to first centuries B.C. (Grace, 1961:fig. 56). This figure shows the tendency for Koan amphoras to "grow tall and narrow" (Grace, 1961:24). This tendency is typical of other amphora series during this period, e.g., Rhodian, Knidian. (Grace, 1953:120).

Koan amphoras are particularly recognizable because of their double handles, as shown in plate 4:2 (p. 180) (Grace, 1961:fig. 59).

For the purposes of this thesis the major interest, in relation to amphora form, is in the development of Rhodian amphoras. Plate 5:1 to 9 (p. 181) Illustrates the development of the Rhodian amphora between the last quarter of the fourth century B.C. and the last quarter of the third century B.C. (Grace, 1963b:323). Note that the dates for this period, which cover Grace's periods I and II, were revised by Grace to 289-210 B.C. (Landau, 1979:154). Amphoras 1 to 5 are referred to by Grace as "Proto-Rhodian" as they predate "the single style of the typical Rhodian amphora\* (1963b:322) that was settled on and which is illustrated by amphora 9. This single style of Rhodian amphora carried on through the second and first centuries to the end of the stamped series of Rhodian amphoras (Grace, 1953:120). The primary characteristic of this single style is the sharp angle between the upper and lower parts of the handle. distinguishing features are the stubby peg tip, a smooth, slipped surface and a clear core of deep red (Grace, 1934:203). Amphoras 6 to 8 represent transitional styles in which the body of the amphora is narrowing, and the handles are becoming longer and are assuming the familiar sharp Rhodian angle (Grace, 1963b:325). Plate 6 (p. 182) illustrates this single style of amphora during the first century B.C.

## Content of Stamps

Most Thasian and Knidian amphora stamps, as well as stamps on amphoras from some of the less numerous series, contained adjectives that named the amphora's place of manufacture e.g. Rhodian stamps, on THASION or KNIDION (Grace, 1970a:279-280). occasion, implicitly indicate the place of manufacture of the amphora through the use of an emblem such as the Rhodian rose or the radiate head of Helios, (Grace. (Grace, 1934:197) 1962b:112) the sun god who was worshipped in Rhodes. Some Greek amphoras were also stamped with the name, usually in the genitive, of the potter or pottery manufacturer (i.e., the Others also contained the name of some "dating" authority (i.e., the eponym), also usually in the genitive, in whose term of office the amphora was manufactured e.g., the name of a priest, garrison commander, etc. (Grace, 1962b: 112. 1970a:280).

Stamps first appeared on Rhodian amphoras about the beginning of the third century B.C. and were either a monogram, or a short form for the name of the fabricant or the eponym (Halpern-Zylberstein: 243) (See plate 7:1, 2, p. 183). During the third century the stamps became standardized and were usually round or rectangular. The tops of both handles were stamped with stamps of the same general appearance. (See plates 6, p.182; 7:3, 4, p. 183; 8, p. 184, and cover). One stamp always contains the name of the fabricant and the other the name of the eponym, both usually in the genitive. The eponym is preceded by the

preposition epi meaning "in the term of". /5/ However it is commonly omitted with eponyms on early stamps and the name then is often in the nominative (Grace, 1970a:293). The eponym is occasionally preceded by the title  $IEPE\Omega\Sigma$ meaning priest; (Macalister, 1901a:27: Grace, 1970a:299; Cox:151) so these eponyms are understood to be the annually named priests of Helios whose name identifies years. When this title is included in the inscription the preposition ENI takes the form EN or EΦ As this title is never found with certain of the early eponyms it is thought that those dating authorities may have been Macedonian garrison commanders stationed in Rhodes (Grace, 1970a:300). circular stamps always contain an emblem or device such as a rose radiate head of Helios. The names in the rectangular stamps are sometimes accompanied by a device, such as a blazing torch or a caduceus, which is a private sign or trademark of the fabricant or eponym (Grace, 1947:446; 1962b:112). Months appear on the stamps at the end of Grace's period I, usually only in one of the pairs of stamps and generally in the stamp naming the See plate 9 (p. 185) for typical eponym (Grace, 1970a:293). About 188 B.C. the amphora stamps of the 2nd century B.C.. handles began to be marked, on the upper part of the handle, by a small secondary stamp of one or two letters (Grace, 1962b:112, 1970a: 291). This stamp is "perhaps the signature of a subsidiary shop or of a particular technician" (Grace, 1962b:112) and was used by only a small number of fabricants (Grace, 1970a:290, f.n. 1). The stamping of Rhodian amphoras declined during the first century B.C. and seems to have ended by the Augustan period (ca. 27 B.C.) (Grace, 1970a:298).

An alternate, very convincing interpretation of the "eponyms" on Rhodian amphora handles has recently been suggested by Sippel (123-128). He believes that the name preceded by the preposition epi is not that of an "eponymous official" but of some "priestly magistrate" whose duty, among others, was to issue licenses to pottery manufacturers to permit them to sell their amphoras for the "authorized exportation of goods" (126).

## Eponym and Fabricant Lists

The fact that Rhodian amphoras have a pair of stamps and that many whole amphoras with intact stamps have now been found (See Hall, 1885; Maiuri, 1924; and Grace, 1948, 1970:289-290) permits the development of tables of connections of known eponymfabricant pairs. See Appendix I (pp. 151-156) for pairs lists and Grace, 1970a:289-290 for other references and methods of supplementing the tables through the use of secondary stamps, revised dies and fabricant styles. These tables facilitate the dating of single stamps whose names can be matched with names in the table.

The most current listing of eponyms found on Rhodian amphora stamps is by Grace (1953:121-124, 1962b:113-114, 1965a: 7) and is included as Appendix A (pp. 96-99). An update of this listing a was prepared by her, in connection with her study of the vast number of Rhodian handles in the Benaki collection at Alexandria

(Grace, 1970a:298-299), but has never been published. Grace cautions that dates in eponym listings "must take into-account historical studies outside the field of amphora stamps" and that "References to Rhodian eponyms in literary and epigraphical texts need now to be searched ..." (1970a:299). For eachier listings of Rhodian eponyms see the miscellaneous listings under Rhodian Stamps in Appendix I (pp 151-156).

Apparently no general, overall listing of fabricants has ever been published (Grace, 1962b:113, 1970a:298). One was prepared by Grace, to facilitate the study of the Benaki collection, but it too has not been published (1970a:298). Therefore, to research fabricants reference should be made to the extensive fabricant lists, or indexes of names, prepared for particular sites or areas, such as those listed in Appendix I (pp. 151-156).

## Purpose of Stamps

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The purpose of stamps on Greek amphoras is still a matter for spaculation. Grace initially believed that the dies for the stamps reflected a "government license permitting a manufacturer to sell goods in return for a payment to the government" (1934:199). However, she later considered them to be "control stamps having to do with capacity" whereby a potter was licensed and held responsible for the amphora being of the required standardized volume (1970a:279). This permitted the amphoras to circulate without having to be checked for volume every time a

sale was made (Grace, 1949:176). This theory is supported by the fact that stamps, identical to those found on certain amphoras, have been found on bricks and tiles, which also must be of a (Grace, 1949:178). In addition, Grace considers that the stamps were probably also used to identify the age of the better wines, and the freshness of the cheaper ones which were not fit to drink after one year (1970b:55). Grace alsc believes that the addition of the month name to Rhodian stamps ca. 240 B.C. and the later use of devices and secondary stamps show a tightening of government control and indicate that the standardized container was used as a "means of reckoning port (1949:183). Garlan agrees with Grace that the stamps "indicate "an administrative control" but does not believe that they relate to a guarantee of capacity (1983:33). Wallace believes that the stamps at least were some help in guaranteeing the volume of an amphora and "would enable one to fix the responsibility for unacceptably large or small jars on a single pottery works and on those responsible for its production in a specific month" (92). Turquety-Pariset suggests that the stamps indicate to a merchant whether or not the amphoras are new or used and that this is important as amphoras that have been previously used to store wine should not be re-used to store quality wine (41). Seyrig considers that the stamped amphoras are made by the state and that the stamps are for bookkeeping purposes (288-289). The most compelling reasons for the purpose of the stamps are presented by Sippel. He argues very convincingly that "... the stamps can not have been intended for dating, quality indication, or capacity control ... " (126). Alternately, he suggests that the stamps were to facilitate the collection of port taxes by the Rhodian customs authority in connection with a requirement that all goods passing through Rhodes' port be carried in Rhodian containers (126).

A few studies have been carried out to test the theory that amphoras were of a standard unit volume. Grace has examined the capacity of Rhodian amphoras and found that the size has varied, over time, from a high of over 29 liters ca. 250-225 B.C. to 26 liters ca. 75 B.C. to below 23 liters ca. 25 B.C. (1970a:298). Hore recently, Matheson and Wallace have conducted a study of Rhodian amphoras and have verified the fluctuations in their mean capacity over time. However, they also noted large and so far unexplained fluctuations in the capacity of Rhodian amphoras within groups from the same period (293-301).

#### Dies Used on Stamps

Grace believes that "many Greek amphoras were stamped with clay dies" although none have been found (1935:427, 1949:178). This idea is somewhat supported by the fact that clay name dies are known to have been used to stamp clay during the Roman period. For instance they were used for terra sigillata signature stamps from the Augustan period through the first century A.D. (Grace, 1935:427). Grace also believes that wood dies were used, as imprints of wood grain have been found on

amphora stamps (1935:427, 1949:178). She also acknowledges that there is some evidence that dies for amphora stamps may have been made of stone or metal (1935:421-429).

## Local Stamped Handles

As previously noted, the primary focus of this thesis is on stamped Greek amphora handles. However, in order to better understand the cultural context in Israel of the Greek stamped handles, it is worthwhile to briefly review the stamped handles from amphoras that were made in Israel. Four groups of these handles will be discussed briefly: handles with royal stamps, handles with YHD-plus-symbol stamps, handles with YRSLM stamps, and handles stamped with Greek inscriptions.

#### Royal Stamps

Royal stamps are of particular interest as they appear on jars which are direct descendants in form of the Canaanite jar. As was noted earlier, the form of the Canaanite jar was adopted and modified by the Phoenicians and by the Egyptians ca. 1400 B.C. and streamlined by the Greeks in the early part of the 1st millennium B.C.. However, the Canaanite jar continued on in Canaan, with little change in its original form and, ca. 725 B.C., "reached its culmination in the vessels that bore the royal stamps" (Grace, 1956a:83). This uniformity of form is shown in Plate 10 (p. 186) which shows the development of the South-Canaanite jar from the 18th century to the 8th century B.C..

As of 1975, approximately 800 royal stamps had been found in Israel (Lemaire: 15) with at least 300 of those being from Lachish (Grace, 1956a:84). (For an inventory of 804 royal stamps published between 1870 and 1966 see Die Königs-Stempel by Peter These stamps consist of a winged symbol, with Welten (Lang).) either two or four wings, between two lines of Hebrew letters. Examples of both the 2 and 4 winged types are shown in Plate 11 (p. 187). Above the symbol are the letters lmlk which means "to the king" or "for the king". Below the symbol are the letters for one of four towns in Judah: hbrn standing for Hebron, skh or swkh for Sokoh (Khirbet 'Abbad-5km south west of Beth Shemesh), zyp or zp for Ziph (Tell Ziph-5km south of Hebron) and must for site (Lemaire: 15; Grace, 1956a 84: Bliss:106-107,112-116). Rainey identifies Sokoh with Kh. Shuweikeh which is about 25 km southerly from Hebron. Mmst is thought to be in northern Judah (Lapp, 1978:111; Rainey:59) and may stand for Amwas (Emmaus, 8km south-west of Gezer) (Lemaire: 15-23). Royal stamps are thought by Grace to be an official royal certification of the jars as standard containers of unit volume (i.e., the bath which equals about 5 imperial gallons) with the places named being the responsible towns (1956a:80). However, Rainey believes that the Royal stamps " . . indicated special brands of produce from royal farms." (57) and that the four towns "represent the royal wineries in the (Judean) Hill Country (59). are dated to the 8th or 7th centuries and probably were made until at least the end of Hezekiah's reign (ca. 687 B.C.) (Lapp,

=, #

1978:111; Rainey:61). The Royal stamps may have been replaced by rosette stamps "toward the end of the southern kingdom" (ca.600 B.C.) (Lapp, 1978:112).

## YHD-plus-symbol and YRSLM Stamps

Two groups or types of stamped handles have been found, at a number of sites in the post-exilic province of Judah, which are "similar in form, ware, paleography, impression placement, and archaeological context" (Lapp, 1963:31). One group has a circular stamp containing the paleo-Hebrew letters YHD and a symbol consisting of a circle with a crossbar. Plate 12:1 (p. shows three such stamps found during the excavations at Bethanyt The YHD may stand for the Persian province of Yehud (Saller: 194). The symbol is understood to be an official government emblem (Lapp, 1963:28). The second group of handles also has a circular stamp but it contains a five pointed star with the paleo-Hebrew letters YRSLM inscribed between the points of the star. Plate 12:2 (p. 188) shows two of these YRSLM stamps and plate 12:3 (p. 188) shows a jar handle with a YRSLM stamp: The letters YRSLM stand for Jerusalem (Lapp, 1963:28).

Paul Lapp suggests that these handles are from jars used to collect taxes in kind from the people of Judah, with the YHD-plus-symbol handles being from jars used to collect government taxes for Ptokemy III Euergetes (247-221 B.G.) and the YRSLM handles being from jars used to collect temple taxes for the high priest Onias II during the same time period (1963:34-35).

However, Nancy Lapp dates these groups of stamps to the period 150-100 B.C. on the basis of evidence from Tell el-Ful and the Old City of Jerusalem (1978:112).

#### Local Greek Stamps

locally produced amphoras with stamped Greek A inscriptions on the handles have been found in Israel. (For examples see Elgavish, 1978: 1105). However, no significant quantities of any one type were found until the excavations at Tell Dor in 1980 and 1981. During those seasons, nineteen handles were found which are stamped with one of four different dies as illustrated on plate 13:1 (p. 189). Each stamp has the symbols LB followed by a Greek inscription and often by other symbols (Ariel:135-136). Plate 13:2 (p. 189) is a line drawing of a complete storage jar and two handles and shows the position of the stamps on the handles. The symbols LB on the stamp could be a reference to year two of some yet unknown period. The Greek inscriptions may be personal names, perhaps the names of potters, and the other symbols an indication of the jars contents (Ariel:139-143). Neutron Activation Analysis (NAA) studies have shown that the storage/ jars were made in the northern coastal region of Israel, probably at Dor (Ariel:146-152). The jars probably date to the period 175-130 B.C. so were contemporary with the YHD-plus-symbol and YRSLM stamped storage jars and the stamped Greek amphoras from Rhodes, Knidos, etc. and may have been stamped to follow those traditions. The stamps on this 'Dor group' may therefore serve the same purpose as those on the Greek amphoras and thus be a guarantee of capacity (Ariel: 143).

## The Importance of the Stamps

The stamps on Greek amphora handles are worthy of study for a number of reasons. The stamped handles, when found in context during an archaeological excavation, can be used to provide close dates after which the particular strata must be dated (Grace, 1947:449; 1949:184). /6/ The presence of stamped Greek amphora handles at a site, together with a count of the number found of each type, knowledge of their date or dates (Empereur: 222-225; Garlan, 1983:28; Grace, 1962b:106), an analysis of their use at the site (Fraser, 1972a:167-168), and consideration of amphoras which are not stamped (Empereur: 226-229; Garlan, 1983:28) can provide important information about trade penetration (Grace, 1947:449), cultural preferences (Fraser, 1972a:162-169), and economic relations (Brashinsky:113,118). eponyms named on the stamps together with the dates deduced for the handles, through their archaeological context or otherwise, & can supplement our knowledge of the names and dates for the officials of the issuing states. The stamps, with their monograms and devices, can facilitate our understanding of similar monograms and devices shown on coins, brick stamps etc. The inscriptions on the stamps, once accurate dating sequences have been established, could provide useful information on the varying forms of the Greek letters over time and in different

geographic locations (Grace, 1947:449).

One of the problems associated with studies of this nature is the lack of a comprehensive data base of information on the stamped handles that have been found in the area under study. Therefore, in order to facilitate this type of research in relation to archaeological sites in Israel, this thesis will provide both a data base of the sites in Israel at which stamped. Greek amphora handles have been found and an index of the Greek names used in the stamps.

The methodology utilized to establish this data base and index is set out in the following chapter.

# Chapter 2

#### METHODOLOGY

Research Methods: Extent and Limitations

The methodology utilized in carrying out the research for this thesis was basically to examine the archaeological field reports for sites in Israel and other literary sources to locate references to the stamped Greek amphora handles which have been found in Israel. In addition, archaeological reports for sites in other eastern Hediterranean countries and other literary sources were examined to find parallels to the stamps found in The literature was also researched to locate articles Israel. that discuss other topics related to stamped amphora handles such as: the origin of amphoras, sources of manufacture for Greek amphoras, the use and purpose of amphora stamps, how the dies for amphora stamps were made, devices and private signs on amphoras, The research was limited primarily to material written in English or French.

## Journal Research

Those journal series which regularly carry reports on archaeological excavations in Israel were completely researched for articles relating to stamped Greek amphora handles. Due to limitations on the time available for research other journal series were searched in part only, starting with the most recent issue. This was done with the expectation that most of the pertinent prior articles would have been located from the

bibliographies in earlier articles in the journal series which were completely researched.

- American Journal of Archaeology Vol.84, 1980 to Vol.92/1, 1988.
- American Schools of Oriental Research Newsletter No. 1, Sept. 1982 to Vol. 39/2 January 1988.
- Annual of the American Schools of Oriental Research to Vol. 48, 1981.
- Archaeology Vol. 33, 1980 to Vol. 41/1, 1988.
- Atiquot (English Series) to Vol. XVII, 1985.
- Atiquot (Hebrew Series) to Vol. 8, 1982.
- Biblical Archaeologist Vol. 43, 1980 to Vol. 50/3 Sept. 1987.
- Bulletin American Schools of Oriental Research to No. 268,
  November, 1987.
- Bulletin American Schools of Oriental Research, Supplementary Series Voltage to 16, 19, and 21 to 25.
- Bulletin de Correspondance Hellénique from Vol. LXXIV, 1950 to Vol. CXI, 1987.
- Bulletin of the Israel Exploration Society (Hebrew) Vol. 16, 1951 to Vol. 24, 1960. (Continues as Yediot.) (Searched English and Greek text only.)
- Eretz-Israel to Vol. 18, 1985. (Hebrew)
  (Searched English and Greek text only.)
- Excavations and Surveys in Israel to Vol. 5, 1987.
- Hesperia to Vol. LV, 1986.
- Israel Exploration Journal to Vol. 37:2/3, 1987.

- Levant to Vol. XVIII, 1986.
- Muse Vol. 1, 1967 to Vol. 19, 1985 except for Vol. 10 and 16.
- Palestine Exploration Fund Annual to 1953.
- Palestine Exploration Fund Quarterly Statement to Dec. 1987.
- (Referred to as Palestine Exploration Quarterly after 1938).
- Qadmoniot (Hebrew) to Vol. XX/1-2 (77-78), 1987. (Searched English and Greek text only).
- Qedem to Number 23.
- Quarterly of the Department of Antiquities of Palestine to Vol. 14, 1950.
- Rabinowitz Bulletin Vol. 1, 1949 to Vol. 3, 1960.
- Revue Biblique to Vol. 93, 1986.
- Tel Aviv to Vol. 12:2, 1985.
- Yediot to Vol. 31, 1967. (Hebrew) (Yediot is a continuation of the Bulletin of the Israel Exploration Society.) (Searched English and Greek text only.)
- Zeitschrift des Deutschen Palästina-Vereins, Wiesbaden Vol. 75, 1969 to Vol. 100, 1984. (German) (Searched English and Greek text only.)

## Site Research

The following sites in Israel were completely researched, for references to stamped Greek amphora handles, utilizing the bibliography in both parts I and II of Vogel's <u>Bibliography of Holy Land Sites</u> and Avi-Yonah's <u>Encyclopedia of Archaeological</u> <u>Excavations in the Holy Land</u>. The sites researched were selected

either because they were major sites during the Hellenistic Period or to provide representation, as far as possible, for each of the "natural regions" and "political regions" in Israel during the Hellenistic Period. (See the "Notes on Site Data Base Tables" (p. 58) for an explanation of the terms "natural regions" and "political regions").

- Accho	Dothan	Jaffa
- Anafa, Tel	Eboda	Keisan, Tell
- Ashdod	Elusa	Hareshah
- Beth-Zur	Gaza	Nessana
- Bethel	Gerasa	Pella
- Caesarea Maritima	Gezer	Samaria
- Dor	Heshbon	Zeror, Tell

#### General Research

All articles noted during the above mentioned research, that mention stamped Greek amphora handles found on sites in Israel, were located, if possible. The pertinent data was then included in the Site Data Base Tables (pp. 62-73) and, with the exceptions noted later (p. 78-79), in the Index of Greek Names (pp. 80-95). It is recognized that this methodology results in not all of the desired data being located. However, that was not possible as time did not permitthe complete research of each site mentioned in this thesis or of every site in Israel.

To facilitate future research on Rhodian, Knidian, Thasian, Koan, Chian, Samian and Pamphylian stamped Greek amphora handles

the key references noted during my research, for sites outside of Israel, are set out in Appendix I (pp. 151-156) under those headings. The references listed for Rhodian stamped Greek amphora kandles, except for the Byblos material, were utilized for the purpose of this thesis to locate parallels to the stamps catalogued in Chapters 3 and 4.

## Computer Applications

Microprocessor based technology was used extensively in this thesis in order to:

- permit a unique formatting of the text wherein Greek words or letters could be interspersed within English text,
- permit automated searches for specified text character strings in the Index of Greek names,
- permit an arrangement and analysis of the data that would not otherwise be possible, or at least practical, and
- greatly facilitate the speed of the research through the use of electronic communications.

Details of the computer hardware and software used, the procedures followed and the problems encountered are set out in some detail in Appendix B (pp. 100-109).

Scholars wishing to write to the author of this thesis to enquire about obtaining copies of the Site Data Base and/or the Index of Greek Names, on a computer disk, are encouraged to write to the Graduate Studies Office, Wilfrid Laurier University, 75 University Ave. West, Waterloo, Ontario, N2L 3C5, to obtain the author's current address.

### Chapter 3

### STAMPED RHODIAN HANDLES FROM BETH-SHEAN

Six of the stamped Rhodian amphora handles from BethShean, previously reported by Fitzgerald (1930:16; 1931:44-46),
are re-examined in this chapter to illustrate the use of the Site
Data Base Tables and the Index of Greek Names, provided in this
thesis, to prepare catalogues of stamped amphora handles.

### Excavations at Beth-Shean

Ancient Beth-Shean is located near the eastern end of the Valley of Jezreel approximately 60 kms. east of Haifa, 25 kms. south of the Sea of Galilee and seven kms. west of the Jordan River. The mound was excavated by the University of Pennsylvania Huseum from 1921 to 1933. The first work began under C.S. Fisher (1921-1923) and continued under A. Rowe (1925-1928) and G. Fitzgerald (1930-1933) (James:209).

During the 1921-1923 excavations one complete Rhodian amphora (with illegible stamps) and 24 stamped Rhodian amphora handles were found (Fitzgerald, 1931:44-46). Another four handles were found during the excavation of the Canaanite Temples at Beth-Shean (Fitzgerald, 1930:16). The handles are stored in the University Museum of the University of Pennsylvania and were viewed by Grace in 1958 during the preparation of her article on the stamped Greek handles from Nessana. In her article Grace lists 33 Rhodian handles from Beth-Shean and states that all but five were reported by Fitzgerald (1962-106). Fitzgerald dates the "greater number" of the handles found during the 1921-1923 excavations to the first half of the second century B.C., based

on similar names found on stamped handles at Pergamon and Carthage (1931:46), and also dates one of the four handles found during the excavation of the Canaanite Temples to the same period (1930:16). Grace dates these handles (without being specific) to "the late fourth, third (many), and first half of the second century "B.C." (1962b:106).

#### Catalogue

Of the 28 stamped Rhodian handles reported by Fitzgerald nine are not legible. Of the remaining 19, six are included in this catalogue. The time periods noted are those established by Grace (See pages 6 and 7 ) as follows:

I. ca. 289-240 B.C.

II. ca. 240-210 B.C.

III. ca. 210-175 B.C.

IV. ca. 175-146 B.C.

Vo ca. 146-108 B.C.

VI. ca. 108-shortly after 80 B.C.

VII. ca. Shortly after 80 B.C. up to ca. 30(?) B.C.

ЕПІАГА

1.

Eponym Agloukritos

OYKPITOY

Alternate spelling Aglokritos

Rectangular form.

Not dated by Fitzgerald (1931).

Number 7 in Grace's list of Rhodian eponyms.

Grace also lists an alternate spelling: Aglokritos

See Appendix A (p. 97).

Ġ

Number 12 in Hiller von Gaertringen's list of Rhodian eponyms.

Parallels in Israel:

Samaria - (Reisner, 1924a:313) No. 4. (Alternate speiling).

See Appendix G (p. 138).

Samaria - (Crowfoot, 1957:380). (Alternate spelling).

See Appendix H (p. 143). Dated to Period III.

Parallels from other sites:

Athenian Agora - (Grace, 1934:222) No. 22. SS 334.

Athens (Pynx) - (Grace, 1956c:141) No. 74. month and rose.

Dated to Period I.

Labraunda - (Saflund, 1980:13) No. 2. (49bis-1948).Gb

(Alternate spelling). Dated to Period III.

Syracuse - (Gentili, 1958:41) No. 31: 1 and 2.

(Alternate spelling). Dated to 227 B.C. with a ?

This eponym, in its alternate spelling, is known to have been paired with the fabricant MIKYOOY (Grace, 1934:222).

The date of this eponym is not clear. It would appear that there may be two eponyms of this name; Agloukritos dating to Period I and Aglokritos dating to Period III.

ACOPANA

Fabricant Agoranaktos (Agoranax)

Thesmophorios

ΚΤΟΣ

0 E E MO O PIOY

Rectangular form.

Dated by Fitzgerald (1931:46) to 200-130 B.C. based on parallels at Pergamon and Carthage.

Month

# ·

### Parallels in Israel:

Araq El-Amir - (Lapp, 1980:22) No. 125. I.1.94

Honth-Agrianics below. Not dated.

A very close parallel as it has the same line breaks.

- Caesarea (Lifshitz, 1963:558) No. 17. Month Artamitios below. Dated to 200-180 B.C.
- Gezer (Macalister, 1912b:352). See Appendix E (pp. 112-113). No. 20-30. Eight of the ten others have variant spelling. Not dated.
- Jerusalem (Macalister, 1926:203). See Appendix F

  (p. 125). Month Karneios below. Spelling

  varies: Aropanaktor. Not dated.
- Mareshah (Macalister, 1901a:29) No. 9. Month Karneios below. Not dated.
- Petra (Horsfield, 1941:133) No. 97. Honth Hyakinthios below. Dated to late 3rd or early 2nd cent. B.C.
- Samaria (Lyon, 1924:18). Month Panamos below. Not dated.
- Samaria (Reisner, 1924a:312) II 2. Month Artamitios below. Seven others with variant spelling as above and with various months below.

Samaria - (Crowfoot, 1957:387). See Appendix H (p. 150).

Agoranax was found on a stamp which also

contained the name of the eponym Tharsipolis.

## Parallels from other sites:

Athenian Agora - (Grace, 1934:228) No.49 (SS 99) and 50

(SS 135). Honth Hyakinthios below. Eight others found. Dated 200-180 B.C.

Athens (Pynx) - (Grace, 1956c:144) No. 103 (AH 198). Month Panamos Deuteros below. Dated to Period III.

Byrsa - (Ferron, 1955:65) No. 110. Month Hyakinthios below.

Delos - (Grace, 1952:525) five listed. No details provided.

Dated to Period III but may be late Period II.

Egypt - (Nachtergael, 1978:65) No. 700. Honth Thesmo-

phorios below. Not dated.

Kition-Bamboula - (Calvet, 1982:17) No. 16-18. Months

Thesmphorios, Theudasios and Hyakinthios
below respectively. Dated to 221-199

B.C. based on dating by Grace. /4/

Labraunda - (Saflund, 1980:13) No. 3 (89-1950). Month
Artamitics below. Dated to Period III.

Pergamon - (Schuchhardt, 1895:438) No. 804-808. Months
Artamitios, Dalios, Karneios, Sminthios and
Hyakinthios below respectively. No. 808 is a
very close parallel as it has the same line
breaks.

Rhodes - (Paris, 1914:302). Month Dalios below. Not dated.

Salamine - (Calvet, 1972:24) No.36! Month Hyakinthios

below. Dated to Period III.

South Russia - (Pridik, 1926:320). Lists total of 48 in fabricant list with various months including Thesmphories.

Syracuse - (Gentili, 1958:41) No.33:1-13. Followed by various months. No.1, 3 and 12 are very close parallels as they have the same line breaks.

Not dated.

This fabricant is known to be have been paired with the eponym Kratidas (Grace, 1934:219), the eponym Kratidas (Grace, 1956c:143), the eponym Tharsipolis (Crowfoot, 1957:387), the eponym Sostratos (Grace, 1961:fig.25) and the eponym Harmosilas (Gentill, 1958:29).

Based on the above parallels this stamp can be dated to Period III and probably even more closely to 221-199 B.C.

3.

ΛΠΟΛ

Fabricant Apollodoros

 $\Lambda O \Delta \Omega$ 

POY

Rectangular form.

Not dated by Fitzgerald.

Parallels in Israel:

Mareshah - (Macalister,1901a:31) No. 28. Broken after first

O and in two lines not three. Not dated. May be

Apollofanes or Apollonios (Reisner, 1924a:311).

No. 9, 10 or Apollonidas (Crowfoot, 1957:382).

Samaria - (Crowfoot, 1957:385) See Appendix H (p. 148).

Part of a four word inscription on a Pontic stamp.

Parallels from other sites:

Athenian Agora - (Grace, 1934:265) No.186. Part of a three word inscription on a Knidian stamp.

Athens (Pnyx) - (Grace, 1956c:147-149) Lists Apollodoros

as a Knidian duoviri of the late 2ndearly first centuries B.C.

Athenian Agora - (Grace, 1985:31-32). Lists Apollodoros as a Knidian eponym dating to ca:146-108 B.C.

Callatis (Black Sea) - (Bordea, 1986:343-344) Lists

Apollodoros as a Thasian eponym
dating to ca. 300-250 B.C.

Delos - (Grace, 1952:526). Lists Apollodoros as a Rhodian fabricant found on three stamps at Delos. Not dated.

South Russia - (Pridik, 1926:321). Shows vtotal of 20 in Rhodian fabricant list.

The state that produced this stamp and the date of the stamp are not completely clear from the foregoing parallels. However, Grace viewed all of the Beth-Shean stamps in 1958 and states that they are all Rhodian (1962b:106). Also, this name has been found on three Rhodian stamps at Delos and 20 in South Russia. Therefore, this fabricant can with some confidence be classified as Rhodian. No date can be assigned to this stamp from the above evidence.

ΑΡΙΣΤΟΚΛΕΥΣ

4.

Fabricant Aristokles

Round with rose. Dated by Fitzgerald (1931:46) to 200-150 B.C. based on parallels at Pergamon and Carthage.

#### Parallels in Israel:

Beth-Zur - (Sellers, 1933:45) No. 4. Round with rose.
Not dated.

Gezer - (Macalister, 1912b:354) See Appendix E (p. 115).

Jerusalem - (Macalister, 1926:206) See Appendix F (p.

128). Round with rose. Eight found. Not dated.

No. 94. Round with rose, five found. Not dated.

Jerusalem - (Fitzgerald, 1929:87) No. 8. Secondary stamp

K. Dated to 225-150 B.C.

Mareshah - (Macalister, 1901a:33) No. 51. Round with rose.

Not dated.

Samaria - (Reisner, 1924a:311) No. 15. See Appendix G (p. 135). Round with rose. Eight found. Not dated.

Samaria - (Crowfoot, 1957:382). Sees Appendix H (p. 145).

Eleven found. Not dated.

Tell Judeideh - (Macalister, 1901a:33) No. 50. Round with rose. Not dated.

Parallels from other sites.

Athenian Agora - (Grace, 1934:302) No.6 (SS 885). This is a Knidian stamp dated to ca. 250-225 B.C. later shown by Grace (1985:49) to be by a Rhodian potter and redated by her to ca. 188-183 B.C.

Byrsa - (Ferron, 1955:63) No. 103, 114. Round with rose.

114 has a secondary stamp. Not dated.

Byrsa - (Ferron, 1961:111) No. 270. Round with rose.

Dated car 200-180 B.C.

Nicosia - (Nicolaou, 1986:519-520). No. 5. Round, with rose.

Complete amphora. Paired with eponym Archilaida,

month Karneios, round rose. Secondary stamp.

Dated from Grace, 1985:8-9 to 182-176 B.C.

Delos - (Grace, 1952:526). Lists Aristocles as a Rhodian fabricant found on ten stamps at Delos.

Kition-Bamboula - (Calvet, 1982:32-33) No. 32. Round with rose. Dated to Period III.

Labraunda - (Saflund, 1980:15) No. 18. Round with rose.

Secondary stamp. Dated to Period IV.

Pergamon - (Schuchhardt, 1895:449) No.917. Round with rose. Not dated.

South Russia - (Pridik, 1926:322). Lists total of 47 in fabricant list, 44 of which are round with rose. Also a complete amphora on which Aristocles is paired with Archidas (Archilaidas-see below), month apalios.

Syracuse - (Gentil'i, 1958:49) No. 57:1-6. Round with rose.

Not dated.

This fabricant is known to have been paired with the eponyms Aratophanes (early Period III) and Archidas (late Period II) (Grace, 1934:219; Bleckmann, 1912:250; Ferron, 1961:111). (Archidas probably should be Archilaidas, see Grace, 1985:11, Grace's list of eponyms No. 59 in Appendix A and Nicolaou, 1986:519-520). The dates for Aristocles were later corrected to

ca. 183-150 B.C. (Grace, 1985:10). This fabricant is also paired with the eponym Sosikles (Calvet, 1982:21).

Aristocles was a Rhodian potter who also made and stamped Knidian amphoras. He appears to have been the son of the potter Damokrates and to have worked in the same shop as Hippokrates. Both Aristocles and Hippokrates frequently used secondary stamps and no other Rhodian potter is known to have used them during this period (Grace, 1985:10-13, 18).

Based on the above evidence this fabricant can be dated to 183-150 B.C.

5.

ЕПІЛУТО

Eponym Autokrates

**KPATEYE** 

Month Karneios

KAPNEIOY

Rectangular form.

Dated by Fitzgerald to ca. 180-150 B.C. (1930:16).

Autokrates is No. 63'in Grace's list of Rhodian eponyms
(See Appendix A), No. 82 in Bleckmann's list (1912:6) and
No. 102 in Hiller von Gaertringen's list of Rhodian eponyms
and is dated by him to ca. 182-167 B.C. (1931:837).

Parallels in Israel:

Mareshah - (Macalister, 1901a:34-35) No. 66. Round with rose. Month Thesmophorios. Not dated.

Petra - (Horsfield, 1941:133) No. 100. Month Artamitics

below. A close parallel as it has the same line

breaks. No. 99. Month below not legible. Both

dated to ca. 189-167 B.C.

Samaria - (Reisner, 1924a:314) See Appendix G (p. 138). No.

36: two listed. One has Hyakinthios below. One is round with rose and the month Dalios. Not dated.

Samaria - (Crowfoot, 1957:381) See Appendix H (p. 144). Six found. Dated to Period IV.

Parallels from other sites:

Cyprus - (Hall, 1885:395) No. 5059. Month Hyakinthios.

Three lines but line breaks are different. A

complete amphora. Paired with fabricant Stachos.

Delos - (Grace, 1952:529). Lists Autokrates as a Rhodian eponym found on eight stamps at Delos. Dated to Period IV.

South Russia - (Pridik, 1926:312). Lists total of 28 in Rhodian eponym list: 27 with month, five round with rose. Not dated.

Autokrates is known to have been paired with the fabricants Ermaios (Bleckmann, 1912:250) and Stachos (Hall, 1885:281).

Hall's reading of the fabricant as "Stachos" is likely in error as that name does not appear on any fabricant list reviewed for this thesis. Also, see Grace (1948:145-146) for other errors by Hall in reading these stamps.

This eponym can be dated from the above parallels to Period IV and has been dated even more precisely by Etienne to the period 175 to 168-166 B.C. through the inclusion of this name on an inscription found during excavations at Tenos (45-47).

Fabricant Aphrodisios

Round with rose.

ΑΦΡΟΔΙΣΙΟΥ

Not dated by Fitzgerald (1931).

6.

Parallels in Israel:

Jérusalem - (Macalister, 1926:206) See Appendix F (p. 128).

Two found, both round with rose. Not dated.

Petra - (Horsfield, 1941:133). Not dated.

Parallels from other sites:

Delos - (Grace, 1952:526). Lists Aphrodisios as a Rhodian fabricant found on one stamp at Delos. Not dated.

Russia - (Pridik, 1926:322). Shows total of two in Rhodian fabricant list: one with an anchor and one round with rose. Also shows a complete amphora with the paired stamp having the eponym Agestratos and the month Panamos.

Syracuse - (Gentili, 1958:54) No. 71. Rectangular form. There is no direct evidence for dating this fabricant. However it can be tentatively dated by examining the dating of the paired eponym Agestratos. This reasoning is, of course, subject to there being only one fabricant with the name Aphrodisios. A search of the literature shows the following: Apparently there were two eponyms with the name Agestratos. The eponym Agestratos (ist) is one of the eponyms that appears on stamps before months are shown (Grace, 1963b:328) and therefore dates to Period I. The eponym Agestratos (2nd) is dated to ca. 182-176 by Grace (1986:8-9). The eponym Agestratos (no ranking specified) is dated by both Gentili (1958:29-30) and by Grace (1952:528) to Period III. As a month is specified in the paired stamp we are dating, the eponym can be identified with Agestratos (2nd) and dated to ca. 182-176 B.C. and the fabricant Aphrodisios can therefore be tentatively dated to the same period.

## Chapter 4

## STAMPED RHODIAN HANDLES FROM CAESAREA MARITIMA

The stamped Rhodian amphora handles catalogued in this chapter were found between 1971 and 1984 during the archaeological excavations at Caesarea Maritima by the Joint Expedition to Caesarea Maritima and are reported with the kind permission of the director of the expedition, Dr. Robert J. Bull. The catalogue illustrates the use of the Site Data Base Tables and the Index of Greek Names, provided in this thesis, to prepare catalogues of stamped amphora handles.

## Excavations at Caesarea Maritima

Caesarea Maritima is on the coast of Israel 35 kms south of Haifa and 5 kms north of Hadera. Caesarea was built by Herod the Great, between 22 and 10 B.C., at the site of a Sidonian naval station called Straton's Tower (Negev:271). Straton's Tower was either built by the Sidonian King Straton I (375-361 B.C.) (Levine, 1973:75-81) or by the Sidonian King Straton II (346-342 B.C.) (Negev, 1975:271). Literary evidence indicates that Straton's Tower "... flourished in the third and second centuries BCE and that it was in a state of decay in the first century BCE ..." (Blakely:7).

A wide variety of excavations have been carried out at Caesarea Maritima since it was first surveyed by the Palestine Exploration Fund in 1873 (See Negev, 1975:272-273). However, this thesis will only refer to those excavations at which stamped

Greek amphora handles have been found. (Refer to Plate 14, p. 190 for a general plan of Caesarea Maritima).

In 1963 M. Avi-Yonah and A. Negev, in an attempt to locate Straton's Tower, excavated an area just inland from the Byzantine synagogue (No. 7 on plan, Plate 14). They found a large collection of stamped handles from Rhodian, Koan and Knidian amphoras and other Hellenistic pottery which they dated to the beginning of the first century B.C. and believe may plate to the time of the conquest of Straton's Tower by Alexander Jannaeus (ca. 103 B.C.) (Avi-Yonah, 1963:584; Raban, 1987b:73). Detailed information about the stamped amphoras was not located during the research for this thesis and very likely has never been published.

In 1975 an ongoing project to carry out underwater excavations of the ancient harbour of Caesarea was initiated by the Caesarea Ancient Harbours Excavation Project (CAHEP) under the direction of A. Raban. A small number of stamped Greek amphora handles have been found during these excavations. In 1982 three stamped Rhodian amphora handles were found while excavating a Hellenistic quay on the shoreline west of the Byzantine synagogue (No. 7 on plan, Plate 14). Few details of the stamps were reported but two are dated to the second half of the third century B.C. and one, by the fabricant Timokles, is dated to the last quarter of the 2nd century B.C. (Raban, 1983a:250). In 1984 two Rhodian amphora handles were found during excavations in a Herodian horrea (warehouse) inside the Crusader city (near ii on map, Plate 14) (Raban, 1984a:275-276; 1987b:76). No details of the stamps are given but one is dated

to the late 2nd century B.C. (Raban, 1984c:14). In 1986 the excavations uncovered several stamped Rhodian handles of the mid-2nd century B.C. (Raban, 1987a:20).

Another ongoing series of excavations at Caesarea are those being conducted by the Joint Expedition to Caesarea Maritima under the direction of Robert J. Bull. As previously noted, the stamped Rhodian amphora handles found during the Joint Expedition's excavations are the subject of this catalogue.

In addition to the stamped Greek amphora handles found during excavations at Caesarea eight others said to be from Caesarea are now located in municipal museums and have been reported by B.

Lifshitz. These have been included in the Site Data Base Tables (pp. 62-73) and the Index of Greek Names (pp. 80-95).

#### Catalogue

Of the seven stamped Rhodian handles, with eponyms or fabricants, found during the excavations of the Joint Expedition to Caesarea Maritima, four are not legible. The remaining three are reported in this catalogue. A number of handles, with what are very likely Rhodian secondary stamps, were also noted but are not reported. The time periods shown are those established by Grace. (See pages 6, 7 and 27). The colors shown are from Munsell Soil Color Charts (Munsell Color, 1975).

1.

Month Dalios

AFAGOKAEYC

Fabricant Agathokles

See Plate 15 (p. 191).

Surface find.

Exterior: smooth pink slip (7.5YR 8/4).

Interior: core fine reddish yellow ware (7.5YR 7/6).

Dimensions of the stamp: 0.032m x 0.015m.

Description: Handle has the characteristic sharp "Rhodian" angle and is complete to the rim.

Parallels in Israel:

All of the following parallels end in  $\boldsymbol{\Sigma}$  unless otherwise shown.

Ashdod - (Dothan, 1971a:63).

Dated to early 2nd century.

- Beth-Shean (Fitzgerald, 1931:45). A very close parallel as it too ends with a C rather than a Σ.
   Dated by Fitzgerald (1931:46) to 200-150 B.C.
   based on parallels at Pergamon and Carthage.
- Gezer (Macalister, 1912b:35i). No. 4, 5, 6. See

  Appendix E (p. 112). Not dated. Seven were found

  of which five end in Σ. Two are abbreviated,

  one of which has Panamos above.
- Jerusalem (Fitzgerald, 1929:87) II.1(a),(c). Two found,
  one of which is abbreviated with Panamos
  above. Not dated.

Jerusalem - (Macalister, 1926:203). Ten found.

1

1,

Not dated. See Appendix F (p. 125).

- Mareshah (Macalister, 1901a:28-29) No. 5 and 6.
  No. 6 has Sminthios above. Not dated.
- Samaria (Lyon, 1924:18) Reg. No. 127, 211, 102 and 661.

  Not dated. No. 211 is preceded by ΕΠ ΙΕΡΕΌΣ.

  No. 102 and 661 have month above. Not dated.
- Samaria (Reisner, 1924a:311) No. I, i. Nine found. Not dated. See Appendix G (p. 135).

  (Reisner, 1924a:313) No. III, i. Six found, each with month above, none Dalios. See Appendix
- Tell Keisan (Halpern-Zylberstein, 1980:248) No. 40.

  Has month Sminthios above. Dated to

  Period III.

Parallels from other sites:

All of the following parallels end in  $\Sigma$  unless otherwise shown.

G (p. 137).

- Athenian Agora (Grace, 1934:228) No.51. Three found. Two have month. Uses Bleckmann's date of ca.220-180 B.C.
- Byrsa (Ferron, 1955:66) No.113. Month of Hyakinthios above. Not dated.
- Byrsa (Ferron, 1961:99) No.226 and 227. Dated 220-180 B.C.
- Kition-Bamboula (Calvet, 1982:16) No. 12, 13 and 14. No. 12 has month of Thesmophorios above.

  Dated to Period III.

4 ]

Labraunda - (Saflund, 1980:13) No. 1. Dated to Period III.
Pergamon - (Schuchhardt, 1895:434) No. 766-773. Total of
29. No. 767 (fifteen found) end in a C, seven
end in Σ and the others have variant
spelling. Six have a month above, none Dalios.
Stamps from this deposit are used to date
Period III (See Grace, 1970:290).

Rhodes - (Paris, 1914:301) No. I, i and 2.

Salamine - (Calvet, 1972:25) No. 39. Not dated.

South Russia - (Pridik, 1926:320). Lists 67 in fabricant list. Fifteen have a month above, including one with Dalios.

Syracuse - (Gentili, 1958:37) No.20b (paired with eponym Symmachos) and 23:1-25. Some with variant spelling and/or month above, including one with Dalios. Dated to Period III.

Tarsus - (Grace, 1950:141) No. 35. Dated to Period III.

Agathokles is known to have been paired with two eponyms Agestratos and Symmachos (Gentili, 1958:29).

Based on the above parallels this fabricant can be readily dated to Period III.

2. **\*** 

ENIEZAKECTOY

ZHNWNOC

See Plate 16 (p. 192).

Surface find.

Eponym Exakestos
Fabricant Zenon

Exterior: Smooth pink slip (7.5YR 8/4).

Interior: core fine pink ware (7.5YR 7/4).

Dimensions of the camp: Diameter 0.030m. Inner circle diameter 0.020m.

Description: Circular stamp with unknown device. The handle has the characteristic Rhodian pink slip and ware but has a less angular curve than the "single style" Rhodian amphora referred to on page 8. Therefore, based on its appearance, the handle is from a third century B.C. Rhodian amphora.

Exakestos is number 76 in Virginia Grace's list of Rhodian eponyms (Appendix A, p. 98), number 109 on Bleckmann's list (255), and number 124 on Hiller von Gaertringen's list (col.837).

### Parallels in Israel

Jerusalem - (Macalister, 1926:207). See Appendix F (p. 129). Fabricant Zenon, round with rose.

Samaria - (Reisner, 1924a:311) See Appendix G (p. 135).

No. 37. Zenon is listed as a fabricant.

Samaria - (Crowfoot, 1957:381, 387). See Appendix H

(p. 150). Exakestos is listed and dated to

Period I (381). Also eleven stamps were noted

which have both the names of the eponym and

fabricant, including one naming both Exakestos

and Zenon (387).

Parallels from other sites.

Athens - (Grace, 1934:235) No. 77 and 78. Fabricant Zenon.

# E

- Athens (Grace, 1956c:141) No. 74. Mentions Zenon as a fabricant on a 3rd century amphora from the Agora.
- Byrsa (Ferron, 1961:113-114) No. 278. Fallicant Zenon.

  Diameter 0.030. Round with rose. Dated to the beginning of the 3rd century B.C. and distinguished from the Zenon on the Pergamon stamps.
- Delos (Grace, 1952:536). No. 17, plate XXI:17. This is an exact duplicate of the Caesarea stamp, including the device, and is dated by Grace to Period I (1952:529). Grace mentions that another example (unpublished) was found at Samaria (see Crowfoot, 1957:387) and one at the Agora, but with a different eponym (1952:536). In this article Grace also lists Zenon as a Rhodian fabricant found on eleven stamps at Delos (1952:526).

Kition-Bamboula - (Calvet, 1982:24) No. 49 & 50.

Fabricant Zenon. Both round with rose.

Foroni - (Grace, 1963b:324-328) Exakestos is listed as one of the eponyms that appeared, without the preposition epi, on early Rhodian "button stamps" ca. 275 B.C. before months appear on amphora stamps. (The dating in Grace's article is criticized by Vanderpool who places the dates later by about 20 years (69-75).) The eponym Exakestos is also known on early stamps along with the preposition epi. The fabricant Zenon is discussed in some detail (324-326) as outlined on p. 46 above in the discussion of stamp No. 77.

See in particular p.326 footnote 16 which notes a fabricant Zenon on non-rose circular stamps, with monograms for letters in the center, which are associated with the pre-month eponyms.

Pergamon - (Schuchhardt, 1895:460) No. 1015 and 1016.

Fabricant Zenon. Both stamps are rectangular and, as suggested by Ferron (1961:113-114), this Zenon can probably be distinguished from the Zenon on the early 3rd century stamps.

Salamine - (Calvet, 1972:31) No. 55. Fabricant Zenon.

Round with rose. Calvet states that it has not been shown for sure that this fabricant dates to Period IV.

South Russia - (Pridik, 1926:312). Lists one example of

Exakestos in eponym list. Lists total of

38 examples of Zenon in the fabricant list,

34

28 of which are round with rose and five with a month.

Syracuse - (Gentili, 1958:62) No.101. Fabricant Zenon.

Three found. Round with rose. Not dated.

Tarsus - (Grace, 1950:144) No. 63. Fabricant Zenon. Round with rose. Dated to 300-220 B.C.

The above evidence clearly shows that the eponym Exakestos can be readily dated to Period I. This eponym can probably be dated even more closely, to the 2nd quarter of the 3rd century B.C., on the basis of its known presence both with and without the preposition EIII, which change is a recognized chronological development in early Rhodian amphora stamps (see pp. 9-10 and Grace, 1963b:328). This more precise dating is supported by the Koroni evidence. The dating of the eponym Exakestos is also supported by the dating of the fabricant Zenon. There are at least two fabricants with the name Zenon. Zenon I dates to early in Period I and appears on circular non-rose type stamps (Grace, 1963b:326 fn.16). Zenon II dates to the 2nd quarter of the third century and appears on circular rose-type stamps (Grace, 1963b:324-326). The Zenon paired with Exakestos in the Caesarea non-rose type stamp is therefore likely Zenon I and the Stamp probably dates to ca. 275 B.C. There may also be a third fabricant Zenon associated with the rectangular stamps listed by Pridik (1926:312) and Schuchhardt (1895:46) although they might also be attributable to Zenon II.

EIIINIKA()

Eponym Nikasagoras

ΔΑΛΙΟΙ

Month Dalios

See Plate 17 (p. 193).

Reg. C76 G.4.179 7-18-9

Exterior: smooth pink slip (7.5YR 8/4)

Interior: core fine reddish yellow ware (7.5YR 7/6)

Dimensions of the stamp: 0.024m (stamp broken) x 0.015m

Description: No distinctive features.

Nikasagoras is number 120 in Grace's list of Rhodian eponyms (Appendix A, p. 98) and is the only eponym in her list that starts with Nika. Nikasagoras is No.221 in Hiller von Gaertringen's list (1931:839) and is dated by him to 220-200 B.C.and ca. 150 B.C. He also lists two other eponyms starting with Nika: No. 220, Nikanor, and No. 222, Nikasiboulos. Bleckmann lists the same three eponyms starting with Nika as Hiller von Gaerteringen: Nikasagoras (No. 189), Nikanor (No. 188), and Nikasiboulos (No. 190) (1912:256). Grace's list dates to 1965 so is by far the most recent of the three lists. Also, Grace's list is based on her studies of the more than 4.000 stamped Rhodian handles from the Athenian Agora and the 66,000 in the Benachi collection at Alexandria (See Appendix I, p. 152) and other collections which were not available to Bleckmann and Hiller von Gaerteringen. Grace's list should therefore be considered as authoritative and the eponym on this stamp accepted as being Nikasagoras.

Parallels in Israel:

Gezer - (Macalister, 1912b:359-360) No. 335-361. See

Appendix E (pp. 120-121). Fifty-two found, ten of which are round with rose of Helios head and the rest are rectangular followed by various months.

No. 339 (five examples) appears identical to the Caesarea stamp i.e., Nikasagoras on one line with Dalios below. Not dated.

Gezer - (Kallai, 1984:31-32). Rectangular form with a retrograde N. States that two eponyms of this name are known, one dating to Period III and the other to Period V.

Ö

- Jerusalem (Macalister, 1926:209). See Appendix F (p. 131). Three found, two of which are rectangular with months Thesmophorios and Hyakinthios below, respectively and the third is round with rose and month Panamos.
- Jerusalem (Fitzgerald, 1929:87) No. 15. Restangular form with month Panamos below. Not dated.
- Hareshah (Macalister, 1901a:126-127) No. 171.

  Rectangular form with month Artamtios below.

  Not dated.
- Mareshah (Peters, 1902:395-396). Round with rose and month Panamos. Not dated.
- Samaria (Lyon, 1924:19). Four were found, one is round with dolphin and three are rectangular, one of which has a Helios head to the left, one has the month Badromios below and the other is retrograde.

Samaria - (Reisner, 1924a:314) See Appendix G (p. 138).

No. 3i: circular with dolphin and not dated.

No. 62: six found, four of which are circular and followed by a month and two are rectangular and followed by Panamos and Agrianios respectively.

Samaria - (Crowfoot, 1957:381). See Appendix H (p. 144).

One listed and dated to Period III.

## Parallels from other sites:

Athens - (Grace, 1985:8, 9, 11, and 45:2a).

Grace explains that there are two eponyms by the name of Nikasagoras. One dates to ca. 185 B.C. and the other to a little after 123 B.C. The second one is known to be paired with the fabricant Euphranor. The eponyms can be distinguished, if they are preserved on whole amphoras, as the later amphoras are 25% larger and have a longer neck, handles and body. Eight handles of Nikasagoras I were found in the Middle Stoa building in Athens. For a complete amphora pairing Nikasagoras I with the fabricant Damokrateus see Grace, 1985:45, pl. 1:2.

Cyprus - (Hall, 1885:395; Grace, 1948:146) No.5040. This is a complete amphora which was incorrectly read by Hall and later re-read by Grace. Nikasagoras is paired with the fabricant Agesippos. No date is given.

- Delos (Grace, 1952:529). The eponym Nikasagoras was found on ten stamps at Delos and is dated to Period III.
- Delos (Grace, 1970a:305-306) The eponym Nikasagoras is discussed under E 15. Grace explains that the two Nikasagoras can be distinguished if they are found on whole jars.
- Pergamon (Schuchhardt, 1895:473) No.1139-1145. Nine were found of which seven are rectangular with a month below and three are round with rose and name a month. None of the rectangular stamps have Nikasagoras on one line. Stamps from the Pergamon deposit are used to date Period III (210-175 B.C.) so the Nikasagoras in the Pergamon stamps must be Nikasagoras I who has been shown to date to ca. 185 B.C.
- Rhodes (Paris, 1914:313). Rectangular form. Three lines, month below. Not dated.
- Salamine (Calvet, 1972:37) No. 74 and 75. No. 74 is

  preceded by ΙΕΡΕΟΣ and has the month Dalios

  below. No. 75 has the month Panamos below. Not
  dated.

South Russia - (Pridik, 1926:316). Lists 41 of which 33 have a month (four with Dalios), six are round with rose, one is round a Helios bust, and one has IEPEYE.

Syracuse - (Gentili, 1958:75) No. 144. Circular with

Helios bust with month Agrianios. Dated to ca.

220 B.C.

Tarsus - (Grace, 1950:145) No. 76. Circular with rose and month Panamos Dated to Period III or a later term.

Nikasagoras (II) is paired by Bleckmann (1912:250) and Grace (1934:219) with the fabricant Agathoboulos and Nikasagoras (II) is dated by Grace to ca. 220 B.C. (1934:219). This date was later corrected by Grace to sometime after 150 B.C. (1970a:306). Nikasagoras II is also paired with Euphranor (Grace, 1985:11; Nicolaou, 1986:531). Nikasagoras I is known to be paired with the fabricant Damokrateus (Grace, 1985:45). Nikasagoras (?) is also paired with the fabricant Agesippos (Grace, 1948:146).

As outlined above there are two eponyms with the name
Nikasagoras, one dating to ca. 185 B.C. and the other dating to
ca. 123 B.C. and the two can only be distinguished by knowing the
shape of the amphora on which they occur. Therefore, the
Nikasagoras stamp from Caesarea can only be dated generally to
either Period III or V.

## Chapter 5

#### SITE DATA BASE

## Purpose of Tables

The primary purpose of the Site Data Base Tables is to provide an alphabetical listing of the sites in. Palestine, at which stamped Greek amphora handles have been found, in order to facilitate research on those collections and on future finds of stamped Greek amphora handles in that area. The data base has also been rearranged to list the sites in descending numerical order by number of Rhodian handles found at the site, by natural regions and by political regions, to permit future analysis based on those categories. See the "Notes On Site Data Base Tables" for an explanation of the terms and listings in the tables.

# Analysis

Although the primary purpose of providing the Site Data Base Tables is to facilitate future analysis a few preliminary comments are appropriate.

An examination of the tables indicates:

1. - that the vast majority (96 %) of the stamped Greek amphora handles found in the area included in Maccabean Palestine are Rhodian. Totals from the tables, for each series of amphora, are as follows:

Rhodian - 4590	📫 ian – 5	<b>Koan -</b> 35
Knidian - 13	Samian - 1	Pontic - 6
Thasian - 17	Pamphylian - 3	Misc 111

2. - that the vast majority (88%) of the handles were found at

only five of the sites:

Accho - 291

Mareshah - 335

Gezer - 659

Samaria - 2195

Jerusalem (City of David) - 741

An explanation for the large number of handles has been provided, by the excavator of the site, for three of the above sites:

Gezer: Macalister believes the egreat number of stamped Rhodian wine jars found at Gezer to be evidence of an active trade in wine with the City of Rhodes and believes that to be "... more responsible for the pervasion of Hellenic ideals than the persecution of the Syrian kings ... " (1912b:351).

Jerusalem: Shiloh considers the handles found in the City of David, and their absence in other parts of the City, to be evidence that the main concentration of the Hellenistic settlement in Jerusalem, at least up to the time of the Hasmonean revolt (ca. 150 B.C.), was in the region of the City of David (1984a:29-30). Crowfoot suggests that the City of David, Gezer and Samaria were all Syrian garrison towns during the Maccabean Period and that the great number of handles found at each site were relics of the Maccabean garrisons' wine rations. (1929:160).

Other excavators have also attempted to explain why significant quantities of stamped amphora handles were found during their excavations:

Ashdod: Dothan explains, based on the handles found at Ashdod, that both the Greek soldiers and the local population of

the 2nd and 3rd centuries B.C. drank wine imported from Rhodes (Dothan, 1965:16).

Tel Anafa: Weinberg believes that the stamped Greek amphora handles, and other Greek material found during the excavations, show that Tel Anafa was an important centre of the Seleucid Empire with an essentially Greek character (1971b:109) and conducted "extensive trade with the Aegean world." (1969:21).

Beth-Zur: Sellers suggests that Rhodian wine was imported for Syrian soldiers stationed at Beth-Zur during the Maccabean revolt (1933:52, 55).

Tell Keisan: Halpern-Zylberstein states that the Greek amphoras found at Tell Keisan are evidence of the presence of a Greek population not satisfied with the local wine (243). She also considers the fact that 90% of the stamped handles found at Tell Keisan are Rhodian an indication of the "... incontestable commercial preponderance of Rhodes in the region." (244).

3.— that Rhodian amphora handles have been found in virtually all of the natural regions and political regions in Maccabean Palestine. The location of the Rhodian handles by natural regions and political regions is summarized in the graphs on pages 163, 164 and 165. From these graphs it can readily be seen that the only natural region in which Rhodian handles were not found is WHd (Lower Galilee). Also, the only political region in which Rhodian handles were not found is PRh (Hoabitis).

It can readily be concluded from the above that Rhodian

amphoras were in regular use in Palestine during the Hellenistic

Period and that the other wine making states were virtually

excluded from the area. However, further research and analysis

would be required to determine what the amphoras were used for

(initial use for wine or reuse), whether they were used by the

local population or primarily by foreign troops and whether or

not trade with Rhodes was continuous and at the same level

throughout the Hellenistic Period.

## Chapter 6

## CONCLUSION '

This thesis provides a valuable research resource for archaeologists and other scholars wishing to study some aspect of stamped Greek amphora handles found in Israel. The Site Data Base Tables are a valuable tool as they provide a current listing of the published information for sites at which the various types of stamped Greek amphoras have been found and the material is provided in a way that permits its analysis on the basis of both geographic and political regions. The index of Greek names is also valuable as it provides a ready reference source for archaeologists when searching for published parallels to stamps found at other sites in Israel.

### NOTES ON SITE DATA BASE TABLES

#### 1) SITE NAME

The site names used in these tables coincide with those used in the Encyclopedia of Archaeological Excavations in the Holy Land (Avi-Yonah).

### 2) SITE LISTINGS

The site listings for Tels (or Tells) are listed alphabetically by the name of the Tel (or Tell). eg. Tel Anafa is listed as Anafa, Tel. For a list of alternate names for certain of the sites see Appendix J (pp. 157-158).

### 3) AUTHOR/DATE

The author and date can be used in connection with the thesis bibliography to determine publication details.

### 4) NATURAL REGIONS

The heading NAT is a short form for "natural region". The term "natural region" and the use and meaning of the term are adapted from page 49 of the Oxford Bible Atlas (May). (See map, page 168).

The natural regions are coded as follows:

The Mediterranean Sea = MS

Coastal Plain = CP

Sub-areas of the Coastal Plain: Plain of Philistia = CPa

Plain of Sharon = CPb

Plain of Dor = CPc

Plain of Acco = CPd

Plain of Megiddo = CPe

The Western Hills = WH

Sub-areas of the Western Hills: The Shephelah = WHa

Hill Country of Judah = WHb

Hill Country of Ephraim = WHc

Lower Galilee = WHd

Upper Galilee = WHe

Mt. Carmel Range = WHf

The Negeb = Neg

The Eastern Highlands = EH

Sub-areas of the Eastern Highlands: Edom = EHa

Moab = EHb

Gilead = EHc

Bashan = EHd

The Arabah

Sub-areas of the Arabah: The Jordan Valley = Jor

The Jezreel Valley = Jez

## 5) POLITICAL REGIONS

The heading POL is a short form for "political region". The political regions are those that existed during the Maccabean

Period and are depicted on plate XII of A History of Israel (Bright). (See map, page 169).

The political regions are coded as follows:

Nabataea = PRa Phoenicia = PRg

Idumaea = PRb Hoabitis = PRh

Judaea = PRc Peraea = PRi

Ascalon = PRd Galaaditis = PRj

Samaria = PRe Gaulanitis = Pak

Galilee = PRf

### 6) AMPHORA TYPES

The headings for the number of the various types of stamped Greek amphora handles found at a particular site are coded as

follows: RHD = Rhodian SAM = Samian

KND = Knidian PAR = Parian

TH = Thasian PMP = Pamphylian

KN = Koan PNT = Pontic

CH = Chian

## 7) MISCELLANEOUS

The heading MIS is a short form for "miscellaneous" and is a listing for any stamped Greek amphora handles for which a particular listing is not provided.

#### 8) LISTINGS = 0

The data base contains many "0" entries for the number of the various types of stamped handles found at a particular site. This is done to avoid a double counting of the number of stamped handles that have been found at that site while, at the same time, providing references to articles that discuss handles that are reported and counted under different references. In these cases the cross-references to the reporting articles are provided in the data base comments column. The number "0" is also used in those instances where the excavation report indicates that a certain type of handle has been found but the exact number found is not specified.

#### 9) COMMENTS

The comments under this heading provide information such as: page references, for the stamped handles, in lengthy articles; the location of sites that are not well known; specific details about where the handles were found etc.

## SITE DATA BASE TABLES ALPHABETICAL LISTING OF SITES

SITE	AUTHÕR	DATE	NAT	POL	RHD	KND	TH	kN	СН	SAM	PAR	PMP	PNT	MIS	SS	CONNENTS
Abu Shusha, Tell	Giveon	1963	WHf	PRe	2								***		**	2km nw fleg, paired
~Accho	Applebaum	1959	CPd	PRg	50					<u> </u>						date to 2ndA3rd ont
Accho	Dothan	1976	CPd	PRg	1											p31 & f.30:15
Accho	Goldmann	1975	CPd	PRg	40											dated ca. 220-10080
Accho	Raban	13836	CPd	PRg	200											"hundreds to"
Anafa, Tel	Herbert	1978	WHe	PRa	7											date to Per. V & VI
Anafa, Tel	Herbert	1979	WHe	PRa	7,4	:										loka s of Dan
Anafa, Tel	Herbert	1381	WHe	PFa	0											date to Per. IV & V
Anata, Tel	Herbert	1.384	WHe	PRa	1)											See Herbert 1981
Anafa, Tel	Weinberg	1969	WHe	PRa	Û											See Weinberg 19*16
Anafa, Tel	Weinberg	1970	WHe	PRa	0											See Heinberg 14716
Anafa, Tel	Heinberg	1971a	WHe	PRa	0					•						See Weinberg 1971b
Anafa, Tel	Heinberg	1971b	WHe	PRa	43									1		42 date to per VIVI
Anafa, Tel	Heinberg	1972	WHe	PRa	13											2-Per. II, 11 Per. V
Anafa, Tel	Weinberg	1975	WHe	PRa	0						_					See Weinberg 1971b
Araq el-Emir	Lapp	1980	EHc	PRa	8											20km wly of Amman
Ashdod	Dothan	1365	CPa	PRc	1					-						
Ashdod	Dothan	1967a	CPa	PRc	7								•		1	p.18,23, & 31.
Ashdod	Dothan	1967b	CPa	PRC	9											See Dothan 136%s
Ashdod	Dothan	1971	CPa	PRc	17											p47-9,62-3,114,174.
Ashdod	Dothan	1982	CPa	PRo	4					1				.,		p47 & 1.33.
Ashkelon	Stager	1987a	CPa	PRd					ij.					9		CR fd & pseudo FN
Ashkelon	Stager	1987b	CPa	PRd	ŷ											See Stagen 1994
Atlit	Johns	1934	CPb	PRe	4											2016 5 of Harta
Bet Yerah	Yogev	1986a	Jor	PRf	2											1.ஓவா ⊣ அரிப்இட
Beth Govrin	Macalister	1902	WHa	PRb	6											Skn ne of Lachish
Beth She'arim	Avigad	1 355	CPé	PRe	2											date to Indient.Br
Beth-Shean	Fitzgerald	1930	Jez	PRe	4											
Beth-Shean	Fitzgerald	1931	Jez	PRe	25											.a. 200-150 B(€
Beth-Shean	Brace	19626	Jez	PRe	ı)											See Fit: 1930-1
Beth-Zur	Funk	1958	WHb	PRc	0											See Sellers 1968
Beth-Zur	Lapp	19686	MHP	PRc	0											See Sellers 1968
Beth-Zur		1931	MHP	PRc	0										_	See Sellers 1930
Beth-Zur	Sellers	1933	МНР	PRC	23									4		aka kh. Tuberga
Beth-Zur	Sellers	1958	MHP	PRc	0											See Sellers 1968
Beth-Zur	Sellers	1.368	WHb	PRc	6											25km - Lr of Cachish
Bethel	Lapp	1968a	WHC	PPc	4											Jilkto w 11. Jerichio
Faesarea	Avi-Yonah	1960	CPb	PRe	"	'n		ij								"s est allertim"
Caesarea	Lifshitz	1963	CPb	PRe	6	25								Ĵ		Haifa& Peginaal Mis-
Caesarea	Negev	1375	CPb	PRe	0											Ser 93511 11831
Caesarea	Oleson	1984d	CPb	PRe	0					Ç						Same as Paban 1980a
Caesarea	Raban	1983a	CPb	PRe	3											Fd. w of By: Jynag.
Caesarea	Raban	1984a	CPb	PRe	2											In hörrea in Ers Et
Caesarea	Raban	19846	CPb	PRe PRe	0											See Paban 1383a
Caesarea Caesarea	Raban	1984c 1987b	CPb	PRe PRe	0	Λ		۸								See Paban 1984a
Caesarea	Raban Raban	1987a	CPb	PRe	9	Û		0								SeeA-1/63Pab83a,84a
Daesarea	Streglitz	1987	CPb	PRe	0											several PHD (a150BC)
Dan, Tel	•	1986	Jor	PRa	0											See Paban 1987a
Dor Dor	Biran Ariel	1985	CPc	PRe	85	0						۸		6.3		RHD fd., no details
Dor	Artei Gabalda	1325	CPc	PRe	Û.J	v						ŋ		13		local Greek hadis
Dor	Stern	1326		PRé	9	ŋ								. 1		Con China Labo
901	Jeerii	1 307	UF.	1115	•	9										See Stern 192

SITE	AUTHOR	DATE	NAT	POL	RHD	KND	TH	KH	СН	SAM	PAR	PMP	PNT	MIS	SS	COMMENTS
Dor	Stern	1982	СРс	PRe	0	0										See Ariel:1985
Outhan	Free	1954	WHo	PRe	5											2nd season 1954
Duthan	Free	1956	WHo	PRe	0											3rd season 1955
Eboda	Negev	1986	Neg	PRa	4											2 from Per. III
Ein Gev	Mazar	1954	EHd	PRk	1			٠			•					E shore Sea of Gal
Ber asa	Welles	1938	EHe	PP1	7											35km n of Amman
6ez er	Dever	1967	WHa	PRc	Ó						7					See Dever1970.Per IV
Gezer	Dever	1970	WHa	PRc	1									3		p.674107;pl.37.7
Gezer	<b>Grace</b>	1962b	WHa	PRc	0	0	9	Û	ŋ				Û			See Mac 1912
bez er	<b>Falla</b> i	1984	WHa	PRc	1									_		dates to Period ?
bezer	<b>Hacalister</b>	1904	WHa	PRc	0									•		See Mac. 1912b
Bezer	Macalister	1912a	WHa	PRo	t)								•			p.57;See Mac 1913b
bezer	Macalister	1912b	WHa	$pp_{\zeta}$	621	3	3	1	4					20		See Mrace:1962b:166
belef	Macalister	1935	WHa	PRc	2											Exc.1934, no details
Heshbon	Beegle	1969	EHb	PRi	1								,			10 km n of Madaba
Heshbon	Сөх	1976	ЕНЬ	PRi	1											On King's Highway
Heshbon	Horn	1969	ЕНЬ	PRı	0											See Beegle 1969
Heshbon	Sauer	1973	ЕНЬ	PRI	θ											Same as Beegle:1968
Hestibon	Thompson	1969	EHb	PRi	1											
Istabah, Tel	Landau	1979	Jez	PRe	39	2										Adj to Beth-Shean
Jaffa	Landau	1353	СРВ	PP(	_									1		Local Greek Handle
Jaffa	Powe	1955	CFb	PRc	2											
Jerschö	Sellin	1913	Jor	PRC	6						-					Art. Th German
Jerusale <b>n</b>	Fitzgerald	1929	WHb	PRc	49									2	1	c.220-150 BUE
lerusale <b>n</b>	Macalister	1926	WHP	PRC	331											Not all are Phod.
Jerusalem	Mazar	1971a	WHP	PRC	1			2								Temple Mount area
Jerusalem	Mazar	13716	ИНР	FRE	ij			ŷ								See Macan 1971a
Jerusale <b>n</b>	Shiloh	1380	WHP	PPC												See Chiloh 1 033
lerusalen	Shiloh	1984a	WHb	PRC	350											City of David 350
Jerusale <b>n</b>	Shileh	19846	MHP	PP.	ij											See Shiloh 1984a
Jerusalem	Tushinghan	1385	MHP	PRi	3											Encay, 1361-1367
Jerusalem Indaedah Tali	Broshi	1984	ИНЬ	PRC	2											Temple Mt., 1 para
Juderdeh, Tell	Macalister	1901a	eH₩	PR6	4	•	4	_								10ha ne od bachrah
keisan, Tell	Halpern-Zy	1980	CPd	PRg	87	2	4	3	1			ę				8km se of Acco
keisan, Tell Kh. Dureihima	Join-Lamb. Ovadiah	1972 1985	CBN	PRg	0											Also opt by Halp-2.
khirbat Al-Karak	Delougaz	1360	CPb	PRe PRf	2											1km e of Bor
Mareshah	Bl155	1902	Jor WHa	PRb	4											8km 5 mt Tibertas.
Mareshah	Brace	1962b	WHa	PRb	0	0	0	۸					a'i	. 4		See Mac:1901a
Mareshah	Macalister	1901a	WHa	FRb	300	"1	1	0 3					n,	11	ž	See Mac. 1901a
Mareshali	Macalister	19016	WHa	PRb	21	i	,	3					1		j	See Grace: 19825: 196
Mar eshali	Peters	1902	WHa	PPb	3											Pp. 395-6
Mareshah	Wunsch	1902	WHa	PRb	0											Ed in Hedrupol. 49HD trom Mac:1961s
Mediterr. Sea	Barag	1963	HS	, 10	1			1								Sea off coast of Is
Noje Avad	Cohen	1982	Nega	PP.	0											PMD stamped handles
Mor, Tell	Dothan	1960a	CPa	PRC	Ő											date btwn 2mm&15080
Mor, Tell	Dothan	19606	CPa	PRc	ŋ											See Dothan 1960a
Nessana	Grace	1962b	Neg	PRb	13			20				3				50km sw of Beershba
Pella	McMicoll	1982a	Jor	PRj	Ü			0				J				RHD Per. IV & V
Pella	McNicol1	1982b	Jor	PR	9			•								pl.12 see McN 1982a
Petra	Horsfield	1941	EHa	PRa	13	3										aka Selah
Pamat Rahel	Aharoni	1956	WHb	PRc		-								14		See Circles&Rosette
Pamat Rahel"	Aharoni	1364	WHD	PRc	1									1		Sku s of Jerusalen.
Samaria	Crowfoot	1957	WHC	PRe	899	2	9	5					5	•	10	Excavated 1931-35.
Jamar ta	brace	19626	WHe	PRe	0	- 0	0	n	9				ŋ	0		See table p.106
Samaria	Grace	1970a	WHc	PRe									,	•		p.296:criti@isms

SITE	SORTUA	DATE	NAT	POL	RHD	KND	TH	KN	CH	SAM	PAR	PMP	PNT	HIS	38	COMMENTS
												L				
Samaria	Lyon	1924	WHe	PRe	206										10	
Samaria	Reisner	1924a	₩Hċå	PRe	999									32	18	Exc in 1909&1910
Shigmona	Elgavish	1974	WHF	PRe	7									1##		On Carmel Cape
Shiqmona	Elgavish	1976	WHf	PRe	0											See Elgavish:1974
Sumeiriya	Yogev	198 <b>6b</b>	CPd	PRg	15											7-3rd, 5-2nd rent80
Tirat Yehuda	Yelvin	1962	CPa	PRC	1											Almin of Lodityddai
Tirat Yehuda	Yelvin	1970	CPa	PRc	1					œ						
fogneam, Tell	Ben Tor	1978	CPe	PRe	1											15km nu of Hegyddo.
Leror, Tel	Ohata	1364	CPb	PRe	0											See Ohata 1966b
leror, Tel	Ohata	1966a	СРЬ	PRe	9											See Ohata 1970
leror, Tel	Ohata	13666	CPb	PRe	0											"PHD stapd handles"
leror, Tel	Ohata	1967	CPb	PRe				1								lilla se of laesarra
levor, Tel	Ohata	1368	CPb	PRe	- 1											No details
Zeror, Tel	Ohata o	1970	СРЬ	PRe	. 2										r	e contigue 342 of Equipment

# SITE DATA BASE TABLES NUMERICAL LISTING OF RHODIAN HANDLES

240	SITE	AUTHOR	DATE	NAT	POL	KND	TH	KN	CH	SAN	PAR	PMP	PNT	alk	SS	COMMENTS
999	Samaria	Reisner	1924a	WHo	PP e									32	19	Exc in 130941310
899	Samaria	Crowfoot	1957	WHC	PRe	2	9	5					5	•••		Excavated 1931-35.
621	Bezer	Macalister	19126	WHa	PRc	3	3	1	4				-	20	•	See Grace: 1362b: 106
350	Jerusalem	Shiloh	1984a	WHb	PRc	_	•	•						•.,		City of David 250
331	Jerusalem	Macalister	1926	ИНЬ	PRc											Not all are Rhod.
300	Mareshah	Macalister	1901a	WHa	PRb	1	1	3					1	Ž	3	See Grade: 1362b: 106
206	Samaria	Lyon	1924	WHo	PRe	•	•	_					•	-	10	Exc in 1908
200	Accho	Raban	19836	CPd	PPq										1.,	"hundreds td"
37	Keisan, Tell	Halpern-Zy		CPd	PRg	2	4	3	1							8km se of Acco
85	Dor	Ariel	1985	CPc	PRe	ō	•	•	•			g		19		local brest hodis
50	Accho	Applebaum	1959	CPd	PRg							9		13		date to 2nd43rd ent
49	Jerusalem	Fitzgerald	1929	МНР	PRc				•					2	1	6.220-150 BCE
43	Anafa, Tel	Weinberg	13716	WHe	PRa						•			1	1	
40	Accho	Goldmann	1975	CPd	PRq								عو			42 date to per VAVI
33	Istabah, Tel	Landau	1373	Jez	PRe	2										dated wa. 220-10080
25	Beth-Shean	Fitzgerald	1931	Jez	PRe											Adj to Beth-Shean
23	Beth-Zur	Sellers	1933	WHb	PRo											ta. 200-150 BCE
21	Mareshah	Macalister	1901b	WHa	PRb											aka Kh. Tuberga
17	Ashdod				PRC											Pp. 395-6
		Dothan	1971	CPa												p47-9,62-3,119,174.
15	Sumeiriya	Yogev	19865	CPd	PPg											7-3rd, 5-ind cent80
13	Anafa, Tel	Weinberg	11372	WHe	PRa							_				2-Per.II, 11-Per.V
13	Nessana	Grace	19626	Neg	PRb			20				3				50km swipt Beershba
13	Petra	Horsfield	1341	EHa	PRa	3										aka Selah
9	Pella	McNicoll -	19826	Jor	PRJ											pl.12 see McN 1982a
8	Araq el-Enir	Lapp	1380	EHC	PP a		٠									Duko wiy of Amman
•	Anafa, Tel	Herbert	1979	WHe	PRa											10km s of Dan 🔝 🗀
-	Anafa, Tel	Herbert	1979	WHe	PPa	. 1		*				u u			,	date to Per. V & VI
7	Ashdod	Dothan	1967a	CPa	PPc	•			-						1	p.18,23, \ 31.
<i>[</i>	Gerasa	Welles	1938	EHc	PRI											35km n of Amman
7	Shiquona	Elgavish	1974	WHf	PRe									14		On tarmel Cape
t	Beth Boyrin	Macalister	1902	WHa	PRb											Skm ne of Lachish
6	Beth-Zur	Sellers	1968	MHP	PRc											251 Grely of Lachish
6	Caesarea	Lifshitz	1963	СРЬ	PRe									3		Haifak Regional Mus
6	Jericho	Sellin	1913	Jor	PRc											Art. in berwan
5	Dothan	Free	1354		PPe		Q	₩								2nd season 1954
4	Ashdod	Dothan	1982	CPa	PRc					1				2		p47 & f.33.
4	Atlit	Johns	1934	rPb	PRe											20km s of Haifa
4	Beth-Shean	Fitzgerald	1930		FRe											
4	Bethel	Lapp	1968a		PPc											2010 v of Jericho
4	Eboda	Negev	1386	-	PPa				-		0					O troo Per. III
4	Judeideh, Tell	Macalister	1901a	WHa	PRb						g					10km ne of Lachish
4	Khirbat Al-Karak	Delougaz	1960	Jor	PRf											3km s of Tibertas.
3	Caesarea	Raban	1983a	CPb	PRe											Fd. w of Byz synag.
3	Jerusalem	Tushingham	1385	WHb	PRc							4				Eccay. 1961-1967
3	Mareshah	Peters	1902	WHa	PRb							•				Fd in necropolis
2	Abu Shusha, Tell	Giveon	1963	WHf	PRe								.,			2km niv Meg. paired
2	Bet Yerah	Yogev *	1986a	Jor	PRf						٠					1 pair ca 220-210BC
2	Beth She'arin	Avigad	1355	CPe	PRe					-			-			date to Ind cent.BC
2	Caesarea	Raban	1984a	CPb	PRe	۰					1					In horred in Crs Ft
2	Gezer	Macalister	1935	WHa	PRo							•				Exc. 1934, no details
2	Jatfa	Rove	1955	СРЬ	PRc											
2	<b>≜</b> rusale∎°	Broshi	1984	MHP	PRc				(c)							Temple Mt., 1 pair

•		SITE	AUTHOR	DATE	NAT	POL,	KND	TH	KN	CH	SAH	PAR	PMP	PNT	MIS	35	COMMENTS
•	2.	Yh. Ourethima	Ovadiah	1385	€РЬ	PRe							ı				ika e of Dor
	2	Zeror, Tell	Ohata	1970	СРЬ	PRe											complte RHD amphora
	ı	Accho	Dothan	1976	CPd	PRg											p31 1 f.30:15
	1	Ashdod	Dothan	1965	CPa	PRc											
	1	Ein Gev	Mazar	1964	EHd	PPk		•									E shure Sea of bal
	ı	Bezer	Dever	1970	WHa	PRo									3		p.678107;pl.37.
	1	6ezer	lallar Danala	1984	WHa	FRC											dates to Period
	1	Heshbon	Beegle C-	1969	EHb	PR1											10 km n of Madaba
	1	Heshbon	COx Thomason	1976	EHb	PR1 PR1											On King's Highway
	l	Heshbon	Thompson	1969 1971a	NHP EHP	PRC			2								Tanala Harret
	1	Jerusalem Mediterr. Sea	Mazar	1963	MS	FRE											Temple Mount area   ~   Sea off coast of fs
	1	Pamat Rahel	Barag Abaran	1964	MHP	PRc									,		Sin s of Jerusalem.
	•	Tirat Yehuda	Aharoni Yelvin	1970	CPa	PRO									1		Jim S of Jerusatem.
	1	Tirat Yehuda	Yervin	1962	CPa	PRc											7km n of Lodilyddai
	1	Yogneam, Tell	Ben Tor	1973	CPe	PRe											15km nv of Negiddo.
	+-	Teror, Tel	Ohata	1968	CPb	PRe		د با مضارمین									No details
	ı)	Anafa, Tel	Herbert	1381	WHe	PRa					•	,					date to Per. 19 5 9
	0	Anafa, Tel	Herbert	1984	WHe	PRa								ش			See Herbert 1981
	ŋ	Anafa, Tél	Weinberg	1975	WHe	PPa											See Weinberg 13/10
	0	Anafa, Tel	Weinberg	1971a	WHe	PRa											See Weinberg 1971b
	ŋ	Anafa, Tel	Weinberg	1970	WHe	PRa											See Weinberg 1971b
	0	Anafa, Tel	Weinberg	1969	WHe	PRa				0							See Weinberg 1971b
	ŋ	Ashdod	Dothan	19676	CPa	PR:											See Dothan 1367a
	ů	Ashkelon	Stager	1987ь	CPa	PPd											See Stayer 1387a
	0	Beth-Shean	Brace	1362b	Jez	FRe											Gee Fitz 1939-1
	0	Beth-Zur	Funk	1958	WHb	PPc											See Sellers 1968
	ŋ	Beth-lur	Lapp	1363b	WHO	PP.											See Sellers 1968
	Ô	Beth-Zur	Sellers	1958	ИНЪ	PRc											See Sellers 1960
	0	8eth-Zur	Sellers	1331	₩НЪ	PP,											See Sellers 1933
	Û	Caesarea	Avi-Yonah	1963	СРЬ	PRe	0		+1								*a vast collection*
	ı)	Caesarea	Negev	1975	CPb	PRe								•			Sme Paban 198Ja
	0	Caesarea	Oleson	1984d	CPb	PRé											Same as Paban 1983a
	0	Caesarea	Raban	1384b	СРЬ	PRe											See Paban 1983a
	Û		Paban	1984c	CPb	PRe											See Paban 1984a
	0	Caesarea	Raban	19876	CPb	PRé	n		0								SeeA-7160Rab83a,84a
	ij.	Caesarea	Raban	1987a	CPb	PRe											Several PHD calSuter
	1)	Caesarea	Stieglitz	1387	CPb	PRe											See Raban 1997:
	0	Dan, Tel	Biran	1986	Jor	PRa											PHD fd., no details
	0	Dor	Stern	1384	CPc	PPe	ij										See Stern 1982
	U	Dor	Stern	1982	CPc	PRe	0										Cee Ariel:1385
	r)	Dothan	Free	1356	WHe	PRe											Ord Smallim 1985
	ń	Gezer	Dever	1967	WHa	PRo											See Dever13 h. Fer IV
	0	Gezer	Grace	19626	WHa	PRo	0	ιĵ	)	,11	•			ij			See Mac 1912
	0	6ezer	Macalister	1904	₩Ha	PRo	٧										See Mac. 1912b
	0	Gezer	Macalister	1312a	WHa	PRo											p267;See Mar 1912b
	0	Heshbon	Horn *	1969	ЕНЬ	PR <sub>1</sub>											See Beegle 1969
	0	Heshbon	Sauer	1973	EHb	PRi											Same as Beegle:1968
	0	Jerusale <b>n</b>	Mazar	1971b		" PRc			0								See Mazar 1971a
	0	Jerusale <b>s</b>	Shiloh	19846	МНР	PRe											See Shiloh 1984a
		"Jerusalem	Shiloh	1980	MHP	PRo						J					See Shilph 1384a
	0	Keisan, Tell	Join-Lamb.	1372	CPd	PRg											Also rpt by Halp-ly
	0	Mareshah	Bliss Sees	1902	WHa	PPb			, .					a	,	i	See Mac:1301a Sac Mac: 1301a
	0	Mareshah	Grace Usassh	1362b	WHa	PRb	0	0	) )	,				ŷ	'	•	See Mac. 1901a 48HD from Mac:1901a
	0	Mareshah	Wunsch	1902	WHa	PRb			-								PHD stamped handles
	ij	Hoje Awad	Cohen	1382	-пед	PRa											sun preshan naming?

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RHD	SITE	AUTHOR	DATE	NAT	POL	KND	TH	KN	CH	SAM	PAR	PMP	PNT	HIS	98	COMMENTS
- • •	**********															
0	Mor, Tell	Dothan,	1960a	CPa	PRc											date bivn 3004150BC
0	Mor, Tell	Dothan	13606	CPa	PRc											See Dotham 1960a
ŋ	Pella	·McNicoll	1982a	Jor	PRj			0								CHD Per. IV & V
9	Samaria	<b>Brace</b>	1362b	WHo	PRe	0	9	0	$\theta$				ij	ň		See table p.106
ŷ	Shigmona	Elgavish	1976	WH1	PRe											See Elgavish:1974
9	Ceror, Tel	Ohata	1964	CPb	$pp_e$											See Ohata 1966b
Ð	Zeror, Tel	Ohata	1966a	CPb	<b>FFe</b>											See Ohata 1970
1)	Cerur, Tel	Ohata	1966b	CPb	ρp.							•				"RHO stmpd handles"
	Ashkelon	Stager	1987a	CPa	PRd	-			0					n		CH fd & pseudo FN
	Bor	Gabalda	1926	CPc	PRe									1		'
	Jaffa	Landau	1959	CPb	PRC									1		Local breek Handle
	Pamat Rahel	Aharoni	1356	WHb	PR.	·								14		See tin 1-, 180 sette
	Samaria	litace	1970a	WHc	PRe											p. 296: criticisus
	Zerār, Tel	Ohata	1367	CPb	PRe			1								liika se ut Caesarjea

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# SITE DATA BASE TABLES LOCATION OF HANDLES BY NATURAL REGIONS

NAT	SITE	AUTHOR	DATE	POL	RHD	KND	TH	KN	CH	SAM	PAR	PMP	PNT	HIS	38	COMMENTS
CPa	Ashdod	Dothan	1967a	PPc	7			•••			•••			***	1	p. 18, 23, & 21.
CPa	Ashdod	Dothan	1982	ρρί	4					1				3		p47 % 1.33.
CPa	Ashdod	Dothan	1971	PRC	17	~									-	p47-3,62-0,119,174.
CP3	Ashdod	Dothan	19676	PRe	i)											See Dothan 1967s
(Pa	Ashdod	Dothan	1965	PRE	1											
CPa	Ashkelon	Stager	1987a	PRd					1.6					0		CH fd & pseudo #N
(Pa	Ashkelon	Stager	19876	ppd	ñ											See Stager 1481s
CPa	Mor, Tell	Dothan	1960a	PEC	ij											date biun JAG&15080
CPa	Mor, Tell	Dothan	19606	PPc	ij											See Dothan 136Ma
(Pa	Tırat Yehuda	Yelvin	1970	PRc	1											
CPa	Tirat Yehuda	Yelvin	1962	₽R€	1				0							No n of Lodityddai
CPb	Atlit	Johns	1934	FRe	4											Mka - of Harfa
CPb.	Caesarea	Avı-Yünah	1963	PRe	0	0		fi.	4							"a vast collection"
CPb	Caesarea	Lifshitz	1363	PRe	6									• 3		Hartal Pegronal Mus
CPb	Caesarea	Negev	1975	PRe	0						_			•		See Paban 1980a
CPb	Caesarea	Oleson	1984đ	PRe	0											Same as Paban 1983a
CPb	Caesarea	Raban	1983a	PPe	3											fd. w of Dyr syndy.
CPb	Caesarea	Raban	1984a		2											In horres in firs ft
CPb	Caesarea	Raban	1984Ь	PRe	4)											Ser Raban 1380a
ı Pb	Caesarea	Raban	1384€	PRe	0								ŧ			See Paban 1984a
CPb	Caesarea	Raban	12876	PRe	ó	0		Ô								SeeA-ra63Fub8Qaa84a
CPb	Caesarea	Paban	1987.3	FRe	0	•										Several PHD -115080
CPb	Caesarea	Streglitz	1987	ppe	0											See Paban 1987a
CPb	Jaffa	Landau	1959	PPC				٠						1		
(Pb	Jaffa	Rove	1955	PP(	3											Local Greek Handle
rrb	Fh. Qurethima	Ovadrah	1985	PRe	:											tta O
CPb	Zeror, Tel	Ohata	1967	PPe				I								Ikm was Dec
CPb	Zeror, Tel	Ohata	1970	PRe	2			•								10% h Se of LaeSarea
CPb	Zeror, Tel	Ohata	1964	PPe	1)											complie PHD saphor,
(Pb	Zeror, Tel	Ohata	1966a	PRe	0)											See Uhata 1966b
CPb	Zeror, Tel	Ohata	1968	PPe	1											See Bhata 1370
CPb	leror, Tel	Ohata	1966b	PRe	1)											No details
CPc	Dor	Ariel	1985	PRe	85	0		•				**		10		"PHO stage handles"
CPc	Dor	Gabalda	1926	PRe	63	v		*				×¢		13		local Greek hndls
CPc	Dor	Stern	1984	PRe	0	9								1		C C 1000
(Pr	Dor	Stern	1982		•											See Stern 1982
CPd				PRe	0	0)										See Ariel: 0985
	Accho	Applebaum Ostkon	1959	PPg	50											date to Juniord int
con CM	Accho	Dothan	1976	PPg DD:	1											611 3 1. 1215
CPd	Accho	Goldmann Octor	1975	PRg	40											dated ca. 729-1998
CPd onu	Accho	Baban Malanaan Za	13836	PPg	500)			_								"hundreds (d"
CPd	•	Halpern-Zy		PRg	87	2	4	3	I							8La se of A co
CPd	•	Join-Lamb.	1372	PRg	0											Also rpt oy Halp-I.
CFd	•	Yogev	1986Ь	PRg	15											7-3rd, 5-2nd LentBC
CPe	Beth She'arim	Avigad	1955	PRe	2											date to indirent.80
CPe	Yoqneam, Tell	Ben Tor	1978	PRe	1											151m no of Megaddo.
	Petra	Horsfield	1341	PRa	13	3										aka Selah
EHb	Heshbon	Beegle	1969	PR1	1											10 km m of Madába
EHb	Heshbon	Cox	1976	PRI	1											On King's Highway
EHb	Heshbon	Horn	1969	PR <sub>1</sub>	0											See Beegle 1969
ЕНЬ	Heshbon	Sauer	1973	PRi	1)											Same as Beegle:1968
EHb	Heshbon	Thompson	1969	PR1	1											
EHc	Araq el-Emir	Lapp	1980	PRa	8											20km wig of Amman

ب																6.9
NAT	SITE	AUTHOR	DATE	POL	8H0	KND	TH	KN	CH	SAM	PAP	PMP	PNT	MIS	SS	COMMENTS
EH.	Gerasa	Welles	1938	PPI	7							~==				35km n of Amman
EHd		Hazar	1964	PRI	1											E shore Sea of Gal
Jez		Fitzgerald	1330	PRe	4											2 3/10/6 364 01 341
Jez		Fitzgerald	1931	PRe	25			~							_	ca. 200-150 BCE
Jez	Beth-Shean	Brace	1362b	PRe	i)											See Fitz 1930-1
Jez	Istabah, Tel	Landau	1979	PRe	39	2										Adj to Beth-Shean
Jor	Bet Yerah	/ugev	1386a	PRf	2	•					ė					1 pair da 220-21090
Jur	Dan, Tel	Biran	1386	PRa	ō											RHD fd., no details
Jor	Jericho	Sellin	1913	20,	5											Art. in German
Jor	Khirbat Al-Karak		1360	PRf	4											8km s of Tiberias.
Jar	Pella	MeNicoli	1982a	283	i)			1 g								PHD Per. IV & V
Jör	Pella	McNicoll		FR	3			.,								pl.12 see MoN 1901a
MS	Mediterr. Sea	Bar ag	1363	· · · · ·	1									<b>&amp;</b> *		Sea off coast of [s
Heq	Eboda	Negev	1386	PRa	4											2 trom Per. III
Neg	Moje Avad	Cohen	1382	PP3	9											PHD stamped handles
Neg	Nessana	Grace	1962ь	PRb	13			20				3				50km sw of Emershba
WHa	Beth bovrin	Macalister	1902	PRb	5			20				)				Skm de of Lachish
WHa	Bezer -	Dever	1970	PRC	1									3		
MH4	Bezer	Dever	1967	PRC	9									ر		p.674107;pl.37.7
WHa	Gezer	Grace	1962b	PRc	0	9	0	0	ņ				ij.			See Deyer1970.PerIV See Mac 1912
LHW.	Bezer	Yallar .	1984	PRC	1	~	•		•							dates to Period V
WНа	Gezer -	Macalister	1904	PRC	0											See Mac. 13:15
WHa	Gezer 🖁	Macalister	19126	PRC	621	3	3	1	4					30)		See brace:1362b:106
WHa	Gezer "	Macalister	1912a	PPC	0.1	J	J	•	7					50		
WHa	Gezer	Macalister	1935	PRO	2											p267;See Mar 19125
WHa	Juderdeh, Tell	Habilister	1901a	PRb	4				-							Exc.1904,no details
WH3	Mareshah	81155	1301	PRb	. i) '									1		10km ne át Lachish Com Marit Mil
WHa	Mareshah	Grace	1962b	PPb	0	ij	ø	ñ					6)	2		See Mac:13/41s
WHa	Maréshah	Macalister	1901a	PRb	300	i	1	3					1	,	٦	See Mac. 1901a
WHa	Mareshah	Macalister	19015	PFb	21	٠		,					ţ		3	-See brigge:1952b:1950 -na mastr
WHI	Mareshah	Feters	13/42	PRb	3											Pp.395-6
WHa	Mareshah	Wunsch	1902	PPb	i (i											Film ne a god. :
WHb	Beth-Zur	Funk	1358	PRC	0											4FHD tama Mac:1901a
WHD	Beth-Zur		1968b	PRC												See Sellers 1969
MHP	Beth-Jur	Lapp Salluer		PR.	ij б											See Seller, 1988
MHP		Sellers Culture	1369													25km ely of Lachich
WHb	Beth-Zur Beth-Zur	Sellers Sellers	1933 19 <b>58</b>	PRc PRc	23 0				<i>y</i>							aka kh. Tuberga
MHP	Beth-Zur	Sellers	1901	PPC				,	/							See Sellers 1988
MHP	Jerusalem		1929	PRC	40								,	,		See Sellers 1933
MHP	Jerusalem	Fitzgerald			49									,	1	
WHO	Jerusalem Jerusalem	Macalister	1926 19716	PRc en	331	۶										Not all are Phod.
WHD	Jerusalen	Macar Macar	1971a	PRC PRC	Ú.			11.3								See Maran 1971a
WHP	Jerusale <b>n</b>	Shiloh	1984b	PRO	1			, i								Tepple Mount area
WHP	Jérusalem	Shi Leh	1980	PRO	1) 1)											See Mill-M 1384a
WHP	Jerusalen	Shiloh	1934a	PRC	350											See Ohilch 1994a
WHP	Jerusalem		1985	PRE												City of David 1250
MHP	Jerusalen Jerusalen	Tushinghan Brashi	1984	PRC	3		,									Excav. 1981-1987
MHP	Ramat Rahel		1956	PRC	-											Temple Mt., 1 pair
WHb	Ramat Rahel	Aharoni Aharoni	1364	PRC	•									14		See Circles&Rosette
					1									1		Skm s of Jerusalem.
WHC WHC	Bethel Dothan	Lapp Crass	1968a	PRc oo.	<b>4</b>											20km v of Jerisha
		Free	1954	PRe	5	1										2nd season-1954
WHC	Dothan	Free	1956	PRe	0		.~	_								Ord season 1955
₩H¢ uue	Samaria	Crowfoot Cases	1957	PRe nn.	899		3	5					5		Ιŧŷ	Excavated 1901-35.
WHC uu-	Samaria	Brace Conso	1962b	PRe	0	ù	ń	ij	0				0	û		See table p. 106
WH¢ nus	Samaria Camara	Grane Lean	19704	PRe nn:	105											p.236:criticisms
WHC	Samaria	Lyen	1924	PPe	296										10	Exc in 1900

NAT	SITE	AUTHOR	DATE	POL	RHD	KND	TH	KN	CH	SAN	PAR	PMP	PNT	RIS	\$3	COMMENTS
WHe	Samaria	Reisner	1924a	PRe	333									32	19	Exc. in 190941910
WHe	Anafa, Tel	Herbert	1979	PRa	7											10km s et Dan
WHe	Anafa, Tel	Herbert	1381	PRa	Ŋ											date to Per. IV % V
WHe	Anafa, Tel	Herbert	1984	PPa	0											See Herbert 1301
WHe	Anata, Tel	Hechert	1378	PRa	7											date to Per. V & VI
HHe	Anafa, Tel	Weinberg	19715	PPa	43									1		42 date to per VAVI
WHe	Anafa, Tel	Weinberg	1375	PRa	0											See Heinberg 1971b
₩He	Anafa, Tel	Weinberg	1972	FRa	13											2-Per. 11, 11-Per. V
HHe	Anafa, Tel *	Weinberg	1971a	FRa	0											See Weinberg 1971b
ИНe	Anafa, Tel	Weinberg	1970	PRa	ij.											See Weinberg 19716
WHe	Anafa, Tel	Weinberg	1363	PPa	1)											See Meinberg 1971b
WHf	Abu Shusha, Tell	Biveon	1960	PRe	3	-										Ju no Meg. parred
WHI	Shiqmona	Elgavish	1974	PPe	7									1 -		On tarmel Lape
WHf	Shigmona	Elgavish	1976	PRe	0											Cee Elgavish:1974

### SITE DATA BASE TABLES LOCATION OF HANDLES BY POLITICAL REGIONS

POL	SITE	AUTHOR	DATE	NAT	RHO	KND	TH	Y.N	(H	SAM	PAR	PMP	PNT	MIS	<b>3</b> 3	COMMENTS
PRa PPa	Hediterr. Sea Anafa, Tel Anafa, Tel	Barag Herbert Herbert	1363 1979 1381	MS WHe WHe	1 7 0	-			•	•	ر <sub>ۇ</sub>	(a) (a) (b)				Sea off coast of Ia 10km s of Dan date to Per. IV & V
PPa PPa	Anafa, Tel	Herbert	198 <b>4</b> 1978	WHe WHe	0 7							•				See Herbert 1981
FFa	Anafa, Tel Anafa, Tel	Herbert	19716	WHe	43		,	1		ı		_		- 1		date to Per. V & VI
PRa	Anafa, Tel	Weinberg Weinberg	1375	- WHe	1)									•		42 date to per V&VI See Weinberg 1971b
PRd	Anafa, Tel	Weinberg	- 1972	WHe	13											2-Per.II, 11-Per.W
FR3	Anata, Tel	Weinberg	1971a	WHe	0											Gee Weinberg 1971b
PFa	Anata, Tel	Heinberg	1970	WHe	Ô											See Heinberg 1971b
ppa	Anafa, Tel	Weinberg	1969	WHe	ŋ											See Weinberg 1971b
PRa	Araq el-Emir	Lapp	1980	EHc	9											20km wly of Amman
PRa	Dan, Tel	Biran	1386	Jor	ŋ											RHO fd., no details
PRa	Eboda	Negev	1986	Neg	4								e			2 from Per. III
ppa	Moje Avad	Cohen	1982	Neg	0									ut.		PHO stamped handles
PRa	Petra	Horsfield	1941	EHa	13	3										aka Selah
PFb	Beth Boyrin	Macalister	1302	WHa	6				,							Skm ne of Lachish
FRb	Judeideh, Tell	Macalister	1901a	WHa	4			/	7							10km ne of Lachish
PRb	Mareshah	Bliss	1302	WHa	0	•		(								See Mac:1901a
PRb	Mareshah	<b>Brace</b>	19626	WHa	U	ď	0	Û					18	ù		See Mac. 1301a
PPb	Mareshah	Macalister	1301a	WHa	300	1	1	3					1	3	3	See Brave: 19626: 106
PRb	Mareshah	<b>Hacalister</b>	19016	WHa	21											Pp.395-6
ppb	Mareshah	Peters	1902	WHa	3					•						Ed in neceppolis
prb	Mareshah	Hunsch	1902	WHa	ij			v								4PHD trow Mac:19∞1a
ppb	Nessana	Grace	13626	Neg	13			20				Ĵ				SOka swipt Beershoa
PPc	Ashdod	Dothan	1967a	CPa											1	p.18,23, : 31.
	*Ashdud"	Dothan	1382	CPa 1	4					Ī				ť		p47 4 1.33.
PRE	Ashdud		1971	CPa	1.7											p47-3,62-3,119,174.
PR.	Ashdod	Dothan	1367b	CPa	$\mathcal{B}$											See Dothan 1967;
PFi	Ashdod	Duthan	1965	CPa	1											
PRc	Beth-Zur	Funk	1958	MHP	í)										-	See Sellers 1968
P <b>2</b> .	Beth-Zuv	Lapp	13686	WHP	Ñ											See Sellers 1988
PR:	Beth-Zur	Sellers	1968	MHP	Ď										*	25km ely of Lachish
PR.	Beth-Zur	Sellers	1933	WHP	23	•		_								aka Ph. Tuberqa
PRi no:	Beth-Zur	Sellers	1958	WHD	0											See Sellers 1968
- PRC PPC	Beth-Zur	Sellers	1931	WHb	ð											See Seller 5 1933
የ <b>ም</b>	Bethel Bezer	Lapp Dever	1968a 1970	WHC	4									ڙ		20km v ot Jericho
רבי רפי	bezer bezer	Dever Dever	1967	WHa WHa	1									ز		p.674107;pl.37.7
PR.	bezer Bezer	bever Brace	13626		ij. ∸ij.	()	a	0	ij				ń			See Dever 1974.Per IV - See Nac 1912
PEC	Gezer	kaldar	1384	WHa	1	r.j	"	. "	Ÿ				",			dates to Period Y
PR.	lieter	Macalister	1304	WHa	0											See Mac. 19126
PRL	Gezer	Macalister	1912b		621	3	3	1	4					20		See Grace: 1962b: 106
PR.	Bezer	Macalister		WHa	021	J	J	1	7					-7		p267;See Mac 1912b
PRC	Gezer (2)	Macalister	1935	ИНа	2											Exc. 1934, no details
PP.	Jaffa Jaffa	Landau	1959	CPb	•			<b>Ca</b> 6						ı		Local Greek Handle
PRc	Jaffa	Rove	1955	CPb	2								b	•		modes discu mandis
280	Jericho	Sellin	1313	Jor	6								•			Art. in German
PRC	Jerusalem	Fitzgerald	1929	MHP ,	<b>4</b> 3									2	1	c.220-150 BCE
PF.	Jerusales	Macalister			331									•	٠	Not all are Shod.
PRc	Jerusalem	Hazar	1971b	MHP	A			ij.								See Mazar 1971a
28.	Jerusalem	Mazar		WHP	ı			2								Temple Mount area
-				••••	•											- super result with

P	OL	SITE	AUTHOR	DAFE	NAT	RHD	KND	TH	KN	СН	SAN	PAR	PMP	PNT	HIS	<b>95</b>	COMMENTS	
p	Rc	Jerusale <b>n</b>	Shileh	1984b	WHb	0											See Shiloh	1984a
	Rc	Jerusal em	Shi loh	1330	WHb	9							•				See Shiloh	
	Rc	Jerusal em	Shiloh	19 <b>84a</b>	WHb	350											City of Day	rd >350
p	Rc	Jenusal en	Tushingham	1985	- WHb	3											Excav. 1961	-1367
F	Rc	Jerusale <b>m</b>	Broshi	1984	WHb	2									\$		Temple Ht.,	1 pair
ρ	P.C	Mor, Tell	Dothan	1960a	CPa	0											date btwn )	00415980
F	<b>F</b> c	Mor, Tell	Dothan	1950b	ĈPa	ð											See Dothan	1960a
۴	P,	Ramat Rahel	Aharoni	1356	WHb		,				٠				14		See Circles	
P	Rc	Pamat Rahel	Aharoni	1964	WHb	1									1		Ska s of Je	rusalem.
F	PC	Tirat Yehuda	Yelvin	1970	CPa	ı												
	Pc	Tirat Y <del>e</del> huda	Yéi vin	1962	CPa	1											The not to	
	P	Ashkelon	Stager	1387a	CPa					ŧ	,				H H		CH to & pac	
	PRd	Ashkelon	Stager	19876	CPa	ij											See Stager	
	S.F	Abu Shusha, Tell	Biveon	1363	WHf	2	•	•									Ha nie Heg.	
	Re	Atlit	Johns	1934	CPb	4											20km s of t	
	P.	Beth She aria	Avigad	1355	CPe	2				Ç.		,				-	date to Inc	i dentabl
	Re	Beth-Shean	Fitzgerald	1930	Jez	4											ta. 200-150	) DCE
	Re	Beth-Shean	Fitzgerald	1931	Jez	25											See Fitz 1	
	₽Re on.	Beth-Shean	Grace Assaultanah	1962b 1963	Jez CPb	4) 0	0			0							*a vast + e	
	Re Re	Caesarea Caesarea	Avi-Yonah Lifahitz	1963	CPb	0 6	ū			•					3		Hai fak Peg.	
	ne Pe	Caesarea	Negev	1975	CFb	0									•		See Raban	
	Re	Caesaréa	Oleson	1384d	CPb	Ó				٥							Same as Rai	
	Pe	Caesarea	Raban	1983a	CPb	3											Fd. w of B	
		Caesarea	Raban	1384a	CPb	2											la horrea	
	Re	Caesarea	Raban	1984b	CPb	. 0					<i>ب</i>						See Paban	1980á
ş	PRe	Caesarea	Raban	1984:	CPb	ŋ						-	<				See Paban	4.
f	PRe	Caesaréa	Raban	1987Ь	CPb	Û	Û			ij							SeeA-Y/60R	
ě	PRe	Maesarea	Raban	1987a	CPb	11											several PH	
	PRe	Caesare <b>a</b>	Streglitz	1987	CFb	0											See Pában	
	jor.	Doc	Artel	1985	CPc	35	ij	!					# 18	÷	1 9		lendl hree	, puff
	PEe	Det	Gabal da	1926	CPc										1		, p*, p*,	د (آدون ۾
	PRe	Dor	Stern	1384	ι p <sub>i</sub>	i) A											See Stern See Ariel:	
	PRe	Dor	Stern	1982 1954	CPc Who	0 5		1									and season	
	PRe PFe	Dothan	Free	1956	WHC	0											3rd 5e <b>a5</b> 0#	
	rre PRe	Dothan Istabah, Tel	Free Landau	1979	Jez	33		,									Adj to Bet	
	ppe	th. Dureihima	Ovadiah	1985	CPb	3,		•									Ha e of D	
	PRe	Samaria	Crowfoot	1957	WHC	893			3	5				5		10	Enavated	
	PPe	Samaria	Grace	19626	WHo	9					Ō)			Ò	0		See table	µ.10€
	pp.	Samaria	Brace	1970a	VHe			•									10.2°41:	1-1505
	FRé	Samaria -	Lyon	1924	WHo	206										10	Est une I don	
	FRe	Samaria	<sup>©</sup> el äher	1924a	WHo	333									32			
	PEe	Shiqmona	Elgavish	1974	WHf	7									10		On Carmel	
	PRe	Shaqoona	Elgavish	1376	WHf	0)											See Elgavi	
		Yoqneam, Tell	Ben Tür	1978	CPe	1											15km av et	•
		leror, Jel	Ohata	1967	СРЬ					1							10km de of	
		Zeror, Tel	Ohata	1970	CPb	2											- complite PH - See Ohata	
		leror, Tel	Ohata	1364	CPb												See Ohata	
	PPe ODa	Zeror, Tel	Ohata	1966a 1968	СРЬ СРЬ												No details	-
	PRe PRe	leror, Tel Jaror Tol	Ohata Ohata	1966b	CPb												*PMD stapd	
	rre PR1	Zeror, Tel Bet Yerah	Yogev	1986a	Jor												l patrica	
	PRT.	Khirbat Al-Karak	•	1960	Jor			11									Sin s of T	
	PPg	Acche	Applebaum	1959	CPd				i.								date to Ja	
	PEq	Accho	Dothan	1976	CPd				٥								p31 & f.30	: 15
	-																	

4 POL	2116	<b>EOHTUA</b>	DATE	NAT	RHD	YND	ŢH	KN	£Я	AME	PAR	PHP	PNT	MES	53	COMMENTS 🤌
	*~~~********	******								<del>-</del>					- *	*****
PRg	Ar ∈he	boldmann	1975	CPd	40											dated (a. 220-1008)
FFg	Acieho	Paban	1983b	CPd	200											hundreds td*
PPg	Kersan, Tell	Halpern-Zy	1380	CPd	87	2	4	3	Ţ							81 4 se of Acco
ffq	Fersan, Tell	Join-Lamb.	1972	CPd	9											Also upt by Halp-ly
opg	Sumerriya -	lugev	13866	CPd	15											*-Ord, 5-Ind centB)
£61	berasa -	Welles	1938	EHc	7											CSkm n of Ammen
$\rho \rho_1$	He shbon	Beegle	1969	EHb	1											lo ko n of Madaba
ff1	Heshbon	tox	1976	ЕНЬ	1											On Fing's Highway
PP1	Heshbun	Horn.	1969	EHb	ij											See Beegle 1363
pp1	Heshbun .	Sauer	1973	ЕНЬ	Ú					•						Same as Beegle:1968
$\mathbf{pe_{l}}$	He shbox	Thompson	1969	EHb	1											•
1.k.	Fella	McNicol1	1982a	Joř	0			1.								PHD fer. IV . "
₽P)	Fella	No No. all	19826	Jor	4				-							gl.12 see McM 1492a
8.61	Ein be.	Mazar	1964	EHd	1											E shore bear to ball

<u>e</u>

#### NOTES ON INDEX OF GREEK NAMES

- i) NAME The Greek names are listed alphabetically and include both eponyms and fabricants. The following conventions are used when listing the names:
  - a) A dash is used to indicate a missing character when the number of missing characters is known.
  - b) Square brackets are used to indicate missing characters when the number of missing characters is not known.
  - another line in the inscription. One line is used in this index, where possible, to simplify its use. The customary / was not used to indicate a new line in an inscription as it does not have an equivalent in Greek, using the software program Lettrix, and there is not sufficient space in the column to code the / using an English font.
  - d) All inscriptions are shown in upper case in the index.

    Upper case was used as all of the actual inscriptions on the stamp handles that I have examined, or have seen in photographs, are in upper case.
  - e) As the letter "C" occurs in the Greek names in the Index, and as it is transliterated as the letter "S", it has been listed alphabetically in the Index as if it is an "S" but it is shown as a "C" and also follows any S listing. For instance, in the listing, AΓΗCIAA follows

    AΓΗΣΙΛΑ, ΕΙζΟΔΟΤΟΥ follows ΕΙΡΗΝΑΙΟΥ and CΩCTPATOΥ follows ΣΩΣΤΡΑΤΟΥ. (Note that

Lettrix does not have an English equivalent to the Greek "C". Therefore, to print a "C" within a Greek word it is necessary to code from the Greek font to the English font and then back to the Greek font.) This method for listing the Greek "C" is the same as that used by Macalister in his report on the stamped Greek handles found at Tell Sandahannah (1901a: 124-144).

2) COMMENTS - This column is used to make descriptive comments about the stamp, including its shape, the device shown, and details about the inscription and to indicate page numbers in the reference text where that information is particularly useful. The relative position and the description of any secondary stamp is also noted. Spaces are occasionally omitted to limit comments to one line.

The following conventions are used:

a) All stamps are from Rhodian handles unless otherwise indicated by one of the following shortforms:

KND = Knidian SAM = Samian NI = not identified

TH = Thasian PAR = Parian

KN = Koan PMP = Pamphylian

CH = Chian PNT = Pontic

- b) E is a short form for "eponym". The Greek word EIII precedes each eponym listed in the index, unless otherwise indicated, but is not shown in order to simplify the use of the index.
- c) F is a short form for "fabricant".
- d) h is a short form for "handle".

- e) mon is a short form for "monogram".
- f) ss is a short form for "secondary stamp".
- g) The following short forms are used to indicate the position on the stamp of the device, if any, or of the name of the particular Greek month if one is indicated:

a = "above".

b = "below".

bot = "bottom" and generally relates to the position of the secondary stamp relative to the main stamp.

c = "center" (i.e., the device is in the centre of a round stamp).

fb = "followed by".

1 = "left" (from the viewer's perspective).

pb = "preceded by".

rt = "right" (from the viewer's perspective).

h) m is a short form for "month" and in each case is followed by a number from i to 13 indicating the specific Greek month according to the following alphabetical table of months:

1) ACPIANIOY	AGRIANIOS	May-June.
2) APTAMITIOY	ARTAMITIOS	April-Hay.
3) BAAPOHIOY	BADROMIOS	February-March.
4) AAAIOY	DALIOS	September-October.
5) ΔΙΟΣΘΥΟΥ	DIOSTHYOS	November-December.
6) ΘΕΣΗΟΦΟΡΙΟΥ-	THESMOPHORIOS	October-November.
7) ΘΕΥΔΑΙΣΙΟΥ	THEUDAISIOS	December-January.
8) KAPNEIOY	KARNEIOS	August-September.
9) ПАНАНОУ	PANAMOS	July-August.

10) HANAMOY

PANAMOS -

August (This is an

**AEYTEPOY** 

second

intercalary month).

11) ΠΕΔΑΓΕΙΤΝΎΟΥ

PEDAGEITNIOS January-February.

12) EMINOIOY

SMINTHIOS

March-April.

13) YAKINOIOY

HYAKINTHIOS

June-July.

(For the English equivalents of the Rhodian months see Hiller von Gaertringen:col.744.) /7/

i) The shape of the stamp is rectangular unless otherwise indicated by the following short forms:

r = "round"

s = "square"

J) The device shown on the stamp is indicated by the appropriate word or short form such as:

ac = "acorn"

hd = "head"

an = "anımal"

Hel = "Helios impression"

anch : "anchor"

rose : "the Rhodian rose"

but = "button"

roset = "rosette"

cad = "caduceus"

st = "statue"

corn = "cornucopia"

tor : "torch"

dolph = "dolphin"

thyr = "thyros"

grap = "grapes"

wrth = "wreath"

k) dev = "device" and is used where a device is indicated as being present but is either not reported in detail or not identifiable.

1) "paired" means that both handles of an amphora (with their stamps) have been found.

- m) ret = "retrograde" and means that the inscription has been written backwards: i.e., the inscription appears as a mirror image of the usual lettering.
- n) ab = "abbreviated" and means that the preceding word in the inscription is an abbreviation.
- 3) SITE The site names used co-incide with those used in the Encyclopedia of Archaeological Excavations in the Holy Land (Avi-Yonah). For a list of albernate names for certain of the sites see Appendix J (pp. 157-158).
- 4) AUTHOR/DATE The author and date can be used in connection with the thesis bibliography to determine publication details.
- 5) Note that the total numbers of inscriptions listed in this index will not match the totals in the site data base tables for the following reasons:
  - a) Articles may report on the numbers and kinds of handles but not give details of the inscriptions so no listing of the stamp is possible.
  - b) A number of inscriptions that are reported in the articles are so incomplete as not to warrant or permit their being included in this index.
- 6) Note also that, due to limitations on the time available for data entry, this index does not include the Greek names and monograms from the stamped handles noted in the following excavation reports: Gezer Macalister, 1912b.

Jerusalem - Macalister, 1926.

Samaria - Reisner, 1924a.

Samaria - Crowfoot, 1957.

However, as an alternative, the indexes of Greek names from these reports have been included as Appendices E to H to this thesis.

7) This index is intended to be a guide only, to point out the publications that should be examined for more detailed information.

### INDEX OF GREEK NAMES

NAME	COMMENTS	SITE	AUTHOR	DATE
ADAMOY	E star 1	Samarıa	Lyon	1924
AD!NID!	KND	Tell Keisan	Halpern-Z.	1980
KNIAIΩN	,		narpern-a.	1900
ΑΙ)!ΠΟΛΙΟΣ	E'm9 b	Samaria	Lyon	1924
ADPIAA!D	E m2 b	Samaria	Lyon	1924
ΑΓΑ-ΝΘΕ[]	F	Maresha	Macalister	1901a
ΑΓΑΘΙΤΟΔΟΡΟΣ	F m9 b	Maresha	Macalister	1901a
ΑΓΑΘΟΚΛΕΥΣ	F	Ashdod	Dothan	1971a
ΑΓΑΘΟΚΛΈΥΣ	F	Jerusalem	Fitzgerald	1929
ΑΓΑΘΟΚΛΕΥΣ	F m9 a	Jerusalem	Fitzgerald	1929
ΑΓΑΘΟΚΛΕΥΣ	F	Maresha	Macalister	1901a
ΑΓΑΘΟΚΛΕΥΣ	F m12 a	Maresha	Macalister	1901a
	inverted			.,
ΑΓΑΘΟΚΛΕΥΣ	F	Samaria	Lyon	1924
ΑΓΑΘΟΚΛΕΥΣ	E lily pb	Samaria	Lyon	1924
	ЕП &	(		.,
•	ΙΕΡΕΩΣ			
ΑΓΑΘΟΚΛΕΥΣ	F mi a	Samaria	Lyon	1924
ΑΓΑΘΟΚΛΕΥΣ	F m13 a	Samarıa	Lyon	1924
ΑΓΑΘΟΚΛΕΥΣ	F mi2 a	Tell Keisan	Halpern-Z.	1980
ΑΓΑΘΟΚΛΕΥΣ	F m4 a	Caesarea	Unpublished	1988
AFAGOKAEYC	F	Beth-Shean	Fitzgerald	1931
AFEMAXOY	E fb m9	Jerusalem	Fitzgerald	1929
•	r rose	•		
ACEMAXOY	E fb miO	Tell Keisan	Halpern-Z.	1980
٠	r rose			
ΑΓΕΣΤΡΑ!ΤΟΥ	E m9 b	Beth-Zur	Sellers	1968
ΑΓΕ!ΣΤΡΑΤΟΥ	E m1	Jericho	Sellin	1913
Α!ΓΕΣΤΡΑΤΟΥ	E Hel I	Jerusalem	Mazar	1971a
ΑΓΕ!ΣΤΡΑΤΟΥ	E mi3 b	Mareshah	Macalister	1901a
ΑΓΕΙΣΤΡΑΤΟΥ	E m2 b	Samaria	Lyon	1924
ΑΓΕΙΣΤΡΑΤΟΥ	E Hel l	Tell Keisan	Halpern-Z.	1980
APHOMI &	E r rose-	Tell Keisan	Halpern-Z.	1980
ΑΓΉΜΟΝΟΣ	F r rose	Mareshah	Macalister	1901a
ΑΓΗΣΙΛΑ	F	Mareshah	Macalister	1901b
APHCIAA	E m9 a	Jerusalem	Fitzgerald	1929
APHCIAA	E m9 a	Jerusalem	Brosh1	1984
4 TT 4 4/357579TH A45	paired			
AFA!OYKPITOY	<b>E</b> ,	Beth-Shean	Fitzgerald	1931
ACAOYMBPOTOY	E r rose	Jerusalem	Fitzgerald	1929
	pbEII&		•	
ALVON:WBDOTOX	ΙΕΡΕΩΣ	Valanta	lange a manga ang ang	
ACOPANAKTO	E Hell F m8 a	Mareshah	Macalister	1901a
ΑΓΟΡΑΝΑΣΤΟ ΑΓΟΡΑΝΑ!ΚΤΟΣ	Fm8a Fm1b	Mareshah	Macalister	1901a
ΑΓΟΡΑΝΑΙΚΤΟΣ	F m6 b	AraqEl-Amır Beth-Shean	Lapp	1980
ΑΓΟΡΑΝΑΚΤΟΣ	F m2 b		Fitzgerald	1931
ΑΓΟΡΑΝΑΚΤΟΣ		Caesarea	Lifshitz	1-963
i de	r mio b	Petra 🖷	Horsfield ,	1941
AI OFANAKTOZ	F m9 b .	Samarıa	Lyon	1924
ACOPANAX	F mi2	Ein Gev	Mazar	1964

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AENTEIE	F	Mareshah	Macalrster	1901a
AO[]	E	Samaria	Lyon	1924
A O A N A A O T O Y	E	Caesarea	Lifshitz	1963
A@ANO!AOTOY	E mi b	Jerusalem	Fitzgerald	1929
<u>A</u> ÕANO!AOTOY	E m13 b	Jerusalem	Fitzgerald	1929
AGANO! AOTOY	F corn rt	Mareshah	Macalister	1901a
AGHNOAOTOY	ਸ	Samar1a	Lyon	1924
ΑΘΛΕΑΣ	F	Samaria -	Lyon	1924
ΑΘΩΟΣ	F r Hel	Samaria	Lyon	1924
AII	E m12 b	Mareshah	Macalister	1901a
AII	F mi3 b	Tell Keisan	Halpern-Z.	1980
ΑΙΝΗΣΙΔ!ΑΜΟΥ	E mi b	Jerusalem	Fitzgerald	1929
AINH!ZIAAMOY	E Hel l	Tell Keisan		
ΑΙΝΗΣΙΔΑΜΟΥ			Halperh-Z.	1980
AINHZIAAMUI	E fb m9	Tell Keisan	Halpern-Z.	1980
A TOUTHT A A TEAT	r rose	<b>3</b>	Ť == + 0.00	400"
ΑΙΝΗΣΙΔΑΜΟΥ	E mi b	Samaria	Lyon	1924
ΑΙΝΗΣΙΔ!ΑΜΟΥ	E mi3 b	Samaria	Lyon	1924
AINHZIAAMOY	E m6 b	Samar <sub>1</sub> a	Lyon	1924
$AINHTOPO\Sigma_{_{\circ}}$	E m6 b	AraqEl-Amır	Lapp	1980
AINHTOPOE	E m9 b	Jerusalem	Fitzgerald	1929
AINHTOY	E m9 b	Beth Govrin	Macalister	1902
AIΣXINA	E mi3 b	Mareshah	Macalister	1901a
AIΣXINA	E-m9 b	Nessana	Grace	1962b
AIΣXINA	E ? mi2 b	Nessana	<b>G</b> race	1962b
ΑΚΤΑΡΩ!ΝΟΣ![]	F	Mareshah	Macalister	1901a
AAANIKOY	F ·	Mareshah	Macalister	1901a
ΑΛΈΞΑΝΔΡΟΥ	F m4 a	Mareshah	Macalister	1901a
ΑΛΕΞΙΑ!ΔΑ	E m1	Petra	Horsfield	1941
AAEZIMAXOY	E m2	Mareshah	Macalister	1901a
	r rose		, , , , , , , , , , , , , , , , , , ,	1,014
AAEI!MAXOY	E mii b	Tel Istabah	Landau	1979
AAEEI!MAXOY	E m6 b	Samaria		1924
ΑΛΛΙ!ΚΡΑΤΕΥΣ	E mit b		Lyon	
		Samarıa	Lyon	19,24
ΑΛΥΠΟΥ	F grap rt	Petra	Horsfield	1941
ΑΛΦΩΟΣ	E mi3 b	Mareshah	Macalister	1901a
AMYNII	F	Mareshah	Macalister	1901a
AMYNTA	F wrth rt	Beth-Zur	Sellers	19,33
AMYNTA	r r	Jerusalem	Fitzgerald	1929
- · · · · · · · · · · · · · · · · · · ·	st 1 b	,		
AMYNTA	F wrth rt	Jerusalem	Tushingham	1985
AMYNTA	F wrth rt	Mareshah	Macalister	1901a
AMYNTA	F tree rt	Samarıa	Lyon	1924
AMYNTA	F	Samarıa	Lyon	1924
ANIAA	E m9 b	Mareshah	Macalister	1901a
ANDOY!	F	Samaria	Lyon "	1924
ANAZANAPOY	E mio b	Mareshah	Macalister	1901a
ANAZI	E r pb	Tel Istabah	Landau "	1979
ΒΟΥΛΟΥ	ΙΕΡΕΩΣ	`		- 3 . ,
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ΑΝΑΞΙΠΠΙΔΑ	F r rose	Ashdod	Dothan	1971a°
	paired	ABIUUU	Doction	17114
ANAZIIIIIIAA "	F r rose	Tel Istahan	Landau	1070
		Tel Istabah	Landau	1979
ANAPIA	E m2 b ·	Mareshah	Mareshah	1901a
ΑΝΔΡΙΑ	E	Petra	Horsfield	1941
«ΑΝΔΡΙΑ »	» E m2 b	Samaria	Lyon	1924。

	4			٠ <u>ي</u>
ANAPIA	E m12 b	&amaria	Lyon	1924
ANAPIKOY	F pilos &	Ashdod	Dothan	1971
ANAPIKOY	star b 1			
ANAPONEIKOY	Franhd	Tell Keisan	Halpern-Z.	1980
MAPONELEOI	E m13	Ashdod	Dothan	1971
ANAPO!NEIKOY	r rose F m4 b		_	
AN! ΔPONIKOΣ	• ••• •	Samaria	Lyon	1924
ANAPONI!KOY	F lily a	Samaria	Lyon	1924
ANAPONIKOY	E m3 b	Samaria	Lyon	1924
ARAPORIZOI	E m4	Mareshah	Macalister	1901
ANAPO!NIKOY	r rose E m2 b			
ANAPONIKOY	E mis b	Mareshah	Macalister	1901
ΑΝΘΙΣ!ΟΔΩΜΟΥ	F m12 b	Tel Istabah	Landau	1979
ANTIFONOY	F fb m9	Mareshah	Macalister	1901
V-EV 4	r rose	Jerusalem	Fitzgerald	1929
ANTIFONOY	F r rose	Mareshah	<b>V</b> m a m 1 i m 1 = 0	100
ANTIFONOY	F fb m6	Tell Keisan	Macalister	1901
	r rose	ien keisan	Halpern-Z.	1980
	ret			
ANTIFONOY	F fb m2	Tell Keisan	Malaana 7	1000
*	r rose	ten kersan	Halpern-Z.	1980
ANTIMAXOY	F cad	Beth-Zur	Sellers	4077
ANTIMAXOY	F cad a	Jerusalem	Fitzgerald	1933 1929
ANTIMAXOY	F cad a	Mareshah	Macalister	
ANTIMAXOY	F cad a	Shiqmona		1901
ANTIMAXOY	F	Samaria	Elgavish Lyon	1974
ΑΝΥΧΑΡΟΣ	F mi b	Mareshah	Macalister	1924
ΑΠΟΛΛΟΙΙ	F	Mareshah	Macalister	1901 1901
ΑΠΟΛ!ΛΟΔΩ!ΡΟΥ	F	Beth-Shean	Fitzgerald	1931
APATI	KN club b	Tell Keisan	Hadpern-3.	1931
ΑΡΑΤΟΦΑΝΈΟΣ	E m1	Jericho	Sellin	1913
ΑΡΑΤΟΦΑΝΕΥΣ	E m8	Beth-Zur	Sellers	1933
ΑΡΑΤΟΦΑ!ΝΕΥΣ	E Hel 1	Heshbon	Beegle	1959
APATO \$ ANEYS	" <b>F</b>	Jerusalem	Fitzgerald	1929
ΑΡΑΤΟΦΑ!ΝΕΥΣ	E	Mareshah	Macalister	1901
ΑΡΑΤΟΦΑΝΕΥΣ	• . E m12	Mareshah	Peters	1902
ΑΡΆΤΟΦΑΝΕΥΣ	E r lily	Samaria	Lyon	1924
<u>.</u>	fb m13		23 011	1364
ΑΡΑΤΟΦΑΝΕΥΣ	E m9 b pb	Samaria	Lyon	1924
	•. EII &		— <u>.</u>	. , . 7
	ΙΕ,ΡΕΩΣ			o.
АРГНОӨ	F KN?	Samar1a	Lyon	1924
APH!YI <b>A</b> A	E	Mareshah	Macalister	1901
APIII!KOY	E mi b	Mareshah	Macalister	1901
API!EY PO	E 🔭 🥻	Mareshah	Macalister	1901
API!MNA	E Hel 1	Mareshah	Macalister	1901
APIXMOY	F r rose	Mareshah	Macalister	1901
APIΣT!()	F	Mareshah	Macalister	1991
ΑΡΙΣΤΟΣ	E m6 b	Mareshah	Macalister	1901
APICTA	F	Mareshah	Macalister	1901
APICTAII	F	Mareshah	Macalister	1901
ΑΡΙΣΤΑΚΟΥ	E m2	Mareshah	Macalister	1901
	r rose			<b>-</b>
ΑΡΙΣΤΑΡΧΟΥ	F 5 stars	Beth Govrin	Macalister	1902
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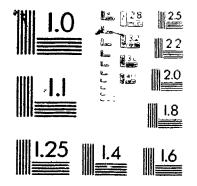
		•		
				3 *
	**			
ΑΡΙΣΤΑΡΧΟΥ	FAa	Mareshah	Macalister	,1901a
	Σb			
A 404 401000013	4 stars F mi a	Marshah	Macalister	1901a
ΑΡΙΣΤΕ() ΑΡΙΣΤΕΙΔΑ	· E	Atlit	Johns	1934
APIZTEI!AA	E mi2 b	Heshbon	Cox	1975
ΑΡΙΣΤΕΙ!ΔΑ	E mi2 b	Jerusalem.	Fitzgerald	1929
ΑΡΙΣΤΕΙΔΑ	F r st	Samaria	Lyon	1924
	fb m4	_	_	
ΑΡΙΣΙΤΕΙΔΑ	E	Samaria	Lyon	1924 1924
ΑΡΙΣΤΕΙΔΑ	E m12 b E m2 b	Samarıa Samarıa	Lyon Lyon	1924
ΑΡΙΣ!ΤΕΙΔΑ ΑΡΙΣΤΕΙΔΑ	Eng D Er "	Shiqmona	Elgavish	1974
ΑΡΙΣΤΕΙΔΑ	E m13 b	Tel Istabah	Landau	1979
ΑΡΙΣΤΕΩΣ	E	Beth-Zur	Šellers	1933
ΑΡΙΣΤΙΦ-Ι	E m12	Mareshah	Macalister	· 1901a
ΔΟΥ	r rose			ن 4 د
ΑΡΙΣΤΙΔΑ	E m8	Beth-Zur	Sellers	1933
ΑΡΙΣΤΙΩΝΟΣ	F	Samaria	Lyon	1924
ΑΡΙΣΤΙΩΝΟΣ	F	Jerusalem	Fitzgerald	1929
ΑΡΙΣΤΙΩΝΟΣ	F	Mareshah "	Macalister	1901a 1924
ΑΡΙΣΤΙΩΝΟΣ ΑΡΙΣΤΙΩΝΟΣ	F F	Samarıa Tell Keısan	Lyon Halpern-Z.	1980
ΑΡΙΣΤΙΩΝΟΣ	E mi b	Tell Keisan	Halpern-Z.	1980
APIΣΤΟ!	E fb m9	Mareshah	Macalister	1901a
-IAA	<b>2 2 2 3 3 3 3 3 3 3 3 3 3</b>			
ΑΡΙΣΤΟΓΕΙΤΟΥ	F	Beth-Zur	Sellers	1933
ΑΡΙΣΤΟΓΈΝΕΥΣ	E m9	Mareshah	Macalister	1901a
	r Hel			
ΑΡΙΣΤΟ!ΓΕΝΕΥΣ	E m9 b	Mareshah	Macalister	1901a
ΑΡΙΣΤΟΔΑΜΟΥ	E m9 pb	Beth-Zur	Sellers	1933
	ΕΠ & ~ ΙΕΡΕΩΣ		·	
ΑΡΙΣ!ΤΟΔΑΜΟΥ	E m9 b	Petra	Horsfield	1941
APIE!TOAAMOY	E my D	Samaria	Lyon	1924
ΑΡ!ΙΣΤΟΔΑΜΟΥ	E Hel 1	Tel Istabah	Landau	1979
ΑΡΙΣΤΟΚΛΕΥΣ	F r rose	Beth-Shean	Fitzgerald	1931
ΑΡΙΣΤΟΚΛΕΥΣ	F r rose	Beth-Zur	Sellers	1*933
ΑΡΙΣΤΟΚΛΕΥΣ	F ss K	Jerusalem	Fitzgerald	1929
	bot of h		н	1221
ΑΡΙΣΤΟΚΛΕΥΣ	F	Mareshah	Macalister	1901a
ΑΡΙΣΤΟΚΛΕΥΣ	F r rose F 4 stars	T Judeideh Tell Keisan	Macalister Halpern-Z.	1901a 1980
ΑΡΙΣΤΟΚΡΑΤΕΥΣ ΑΡΙΣΤΟ!	F 4 stars E m9 b	Tell Kelsan Samaria	Lyon	1924
ΚΡΑΤΕΥΣ	e iiy D	namas ra	ω <sub>I</sub> ∨ιι	ک با پ م
ΑΡΙΣΤΟΚΡΑ!	E m9 b	Samaria	Lyon	1924
ΤΕΥΣ			-	
ΑΡΙΣΤΟΚΡΑΤΟΥ	E fb m2	Mareshah	Macalister	1901b
	r rose	4	_	
APIETOK!PATOY	F	Samaria	Lyon	1924
APIZITOKPATOY	E mil b	Samaria	Lyon Sellin	1924 1913
APIZITOMAXOY APIZITOMAXOY	E m13 b E m2 b	Jericho Mareshah	Macalister	1913 1901a
APIΣTOMAXOY	E mi3 b	Mareshah	Macalister	1901a 1901b
APIETO!	E mis b	Samaria	Lyon	1924
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		4	<u>.</u>	
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YOTATT		<b>-</b>		
ΑΡΙΣΤΟΥ ΑΡΙΣΤΟΦΑΝ!ΕΥΣ	F	Samaria	Lyon	19
ΑΡΙΣΤΟΦΑΝ:ΕΊΣ ΑΡΙΣΤΟ!ΦΑΝΕΥΣ	F	Samaria	Lyon	19
APICTOPANE 12	E m9 b	Samaria	Lyon	19
	E m2	Mareshah	Macalışter'	19
EYC MHNOC	r star			
ΑΡΙΣΤΩΝΙΔΑ	E my	Tell Keisan	Halpern-Z.	19
ΑΡΙΣΤΩΝΘΣ	r rose	Data (74"	*	ú
ΑΡΙΣΤΩΝΟΣ ΑΡΙ!ΣΤΩΝΟΣ	F mi	Beth-Zur	Sellers	19
ΑΡΙΣΤΩΝΟΣ Ι	E m8 b	Mareshah	Macalister	19
ΑΓΙΣΙΜΟΣΙΑΑ		Tell Keisan	Halpern &Z.	19
AFNOZINA	E fb m6	Ashdod	Dothan	19
ΑΡΜΟΣΙΛΑ	r rose	Tarra and Lam		
AFROZIAA	E r rose	- Jerusalem	Fitzgerald	19
•	ret pb			
	ΙΕΠΕΊΩΣ			
ΑΡΜΟΣΙΛΑ	Errose ,	Vanasha's	Marian was to the	
ΑΡΜΟΣΙΛΑ	E mi b	Mareshah Mareshah	Macalister	19
ΑΡΜΟΣΙΛΑ	E m9 b	***	Macalister	19
ΑΡΜΟΣΙΛΑ		Mareshah	Macalister	19
ΑΡΜΟΣΙΛΑ	E Hel 1	Samaria	Lyon	19
ΑΡΟ!Ι]ΛΑΔΙ	E mi3 b	Tell Keisan	Halpern-Z.	19
ΑΡΣΙΠΟΝΟΣ	E Hel 1	Samaria	Lyon	19
APZIIIONOZ.	E fb m8 r Hel	Mareshah	Peters	. 19
APTAMITIOY	month pb	Mareshah	Macalister	. 19
<u> </u>	EIII			
APTAMITIOY	month	Jerusalem	Fitzgerald	19
APTIMA	F	Atlit:	Johns	19
APTIMA	F	Tel Istabah 🦠	Landau	19
APTI!MOY	E m4 b	Mareshah	Macalister	1 '3
:	reversed			
АРХЕМ!ВПОТОУ	E	Ashdod	Dothan	19
AFA!00BOYAOY		E and F on same		
APXEMBP	E fb m9	Mareshah	Macalister	19
A DART	r rose	_	_	
APXI	E	Jerusalem	Fitzgerald	19
APXIBIOY	E m9 b	Tel Istabah	Landau	19
APXIAA!MOY	E m3 b	Maresha	Macalister	19
APXIAA	E m9 b	Jericho	Sellin	19
APXI:AAIAA	E mi b	Beth-Zur	Sellers	19
ΑΡΧΙΛΑΊΔΑ	E m8	Beth-Zur	Sellers	19
ΑΡΧΙΛΑΙΔΑ	E m13	Beth-Zur	Sellers	1.0
ΑΡΧΙΛΑΙΔΑ	E.fb m5	Mareshah	Macalister	19
A DIÈTA A TA A	r rose			
ΑΡΧΙΛΑΙΔΑ	E mi3	Mareshah	Macalister	19
ΑΡΧΙΙΛΑΙΔΑ	E m6 b	Tell Keisan	Halpern-Z.	19
APXINOY	E, m4 b	Gerasa	Welles	19
APXO	E m6 b	Tel Istabah	Landau	19
APXOKPATEYE	E r rose	Mareshah	Macalister	19
-	⊸ pb E∏			
	& IEPEΩΣ	·		
APXOKPA!TEYΣ	E m6 b	Tell Keisan	Halpern-Z.	19
APXO!KPATEYC	E	Tell Keisan	Halpern-Z.	19
ΑΣ-Ο[]	F	Mareshah	Macalister	19
•		-	4	
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ΑΣΙΚΡΑΤΈΥΣ	E fb m6	Jerusalem		Fitzgerald	1929
ΑΣΚΛΗΠ	KN club b dble h	Tell Keisan		Halpern-Z.	1980
ACKAHPIU	KN	Tel Zeror		Ohata	1967
ATTAAOY	F	Mareshah	•	Macalister	1901a
ΑΥСΑΩ	F	Mareshah		Macalister	1901a
AYTO!KPATEYE	E m8 b	Beth-Shean		Fitzgerald	1930
ΑΥΤΟΚΡΑΤΕΥΣ	E m6	Mareshah		Macalister	1901a
ΑΥΤΌΚΡΑ!ΤΕΥΣ	r rose E m? b	Petra		Horsfield	1941
ΑΥΤΟ!ΚΡΑΤΕΥΣ	E m2 b	Petra		Horsfield	1941
A 4 A NO! A L J O I	F st rt	Samaria		Lyon	1924
ΑΦΟΣ	F r Hel	Mareshah		Macalister	1901a
ΑΦΡΟΔΙΣΙΟΥ	F r rose	Beth-Shean		Fitzgerald	1931
ΑΦΡΟΔΙΣΙΟΥ	F	Petra		Horsfield	
ΑΦΥ	NI mon	Tell Keisan		Halpern-Z.	1980
AXIAA	F fb m5	Mareshah		Macalister	1901a
•	r rose .				19014
BION	- Fr?	Mareshah		Macalister	1901a
	fb anch	<b>6</b> 5			
BIQC	F	Mareshah	N	Macalister	1901a
BPOMIOY	F wrth rt	Mareshah	1	Macalister	1901a
BPOMIOY	F Hel rt	Samarıa	ł	Lyon	1924
ΓΑΛΕΣΤΗΣ	F cad b grap rt	Tel Istabah	4	Landau	1929
ΓΟΡΓΟ!ΝΟΣ	E m1 b	Beth-Zur	j	Sellers	1968
ΓΟΡΓΩΝΟΣ	E m13	Mareshah	ę	Macalister	1901a
	r rose	8			.,,,
ΓΟΡ!ΓΩΝΟΣ	E m13 b	Tell Keisan		Halpern-I.	1980
ΓΥΜΝΑΣΤΟΥ	F palm br	Samarıa		Lyon	1924
	hd			<b>-</b> 2 ***	
ΔΑΔΑ	KN	Nessana		Grace	19625
AAMAINE!TOY	E m4 b	Bethel		Lapp	1968a
ΔΑΜΙ!ΝΟΣ	F fb mii	Tel Istabah		Landau	1979.
<b>AAMIOPTOY</b>	KND	Tel Istabah		Landau	1979
KAPNEOAOTOY .	E				
ΔΙΟΝΥΣΙΟΣ	F				
K NIAIA'N					
ΔA!MO	Fs	Tell Keisan		Halpern-Z.	1980
ΔΑΜΟΘΕΜΙΟΣ	E m9 b	Jerusalem		Fitzgerald	1929
ΔΑ!ΜΟΘΕΜΙΟΣ	E Hel 1	Tell Keisan		Halpern-Z.	1980
ΔΑΜΟΚΛΕΥΣ	F r rose	Mareshah	4	Macalister	1901a
ΔΑΜΟΚΛΕΥΣ -	. E m2	Mareshah		Macalister	1901ā
	r rose				
<b>ΔΑΜΟΚΡΑΤΈΥΣ</b>	'Frrose	Jerusalem		Fitzgerald	1929
<b>ΔΑΜ</b> ΟΚΡΑΤΕΥΣ	F r rose	Mareshah		Macalister	1901a
<b>ΔΑΜΟΚΡΑ!ΤΕΥΣ</b>	E m12 b	Mareshah		Macalister	19.01a
<b>ΔΑΜΟΚΡΑΤΈΥΣ</b>	F r rose	Petra		Horsfield	1941
ΔΑΜΟΚΡΑΤΈΥΣ	F r lily	Samarıa		Lyon	1924
<b>ΔΑΜΟΚΡΑΤΈΥΣ</b>	Fr	Samaria		Lyon	1924
ΔΑΜΟΚΡΑΤΈΥΣ -	E fb mi3	Samaria	*	Lyon	1924
<b>ΔΑΜΟΚΡΑΤΈΥΣ</b>	F	Shiqmona	•	Elgavish 🤼	1974
<b>ΔΑΜΟΚΡΑΤΈΥΣ</b>	F m2 b	Tell Keisan		Halpern-Z.	1980
<b>ΔΑΜΟΚΡΑΤΈΥΣ</b>	F r rose	Tell Keisan	,	Halpern-Z.	1980
ΔΑΜΟΚΡΑΤΕΥΣ!Ε	F (E=5)	Tel Istabah	U	Landau"	1979
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ΔΑΜΟΙΚΡΑΤΗΣ	F	Tell Keisan	Halpern-Z.	1980
<b>AAMONIKOY</b>	F	Samarıa	Lyon	1924
ΔΑΜΟ!ΣΕΜΙΟC	E paired	Jerusalem	Broshi	1984
AXO-!	F	Tell Keisan	Halpern-Z.	1980
ΔΑΜΟΣΘΕΝΗΣ	line 2	· ·	•	
ΔΑΜΟΥ	E mi b	Samaria	Lyon	1924
ΔΑΜΟΦΙΛΟΥ	Fr	Shiqmona	Elgavish	1974
ΔΑ!ΝΜΟΝΟΣ	E	Mareshah	Macalister	1901a
ΔΑΣΟΦΙΛΟΥ	F r rose	Mareshah	Macalister	1901a
ΔΗΜΟΙΚΡΑΤΕΥΣ!	E	Mareshah	Macalister	1901b
AIANAPOY	NIEr	A mile al c.a	<b>1</b> 70 - 1 1 .	
ΔΙΟΔΟΤΟΥ	F F	Ashdod Atl1t	Dothan	1982
4ΙΟΔΟΤΟΥ	F	Mareshah	Johns	1934
ΔΙΟΚΛΕΙΑΣ	F	Samaria	Macalister	1901a
ΔΙΟΚΛΗΣ	F m4 b	Jerusalem	Lyon	1924
ΔΙΟΚΛΗΣ	F	Mareshah	Fitzgerald Macalister	1929
ΔΙΟΚΛΗΣ	F m2 b ab	Mareshah	Macalister	1901a
ΔΙΟΚΛΗΣ .	F mi2 b	Mareshah	Macalister	1901a 1901a
ΔΙΟΝΥΣΙΟΣ	F grap 1	Mareshah	Macalister	1901a 1901a
ΔIONY!	F	Samaria	Lyon	1924
CIOC![			D1011	1964
ΔΙΟΝΥΣΙΟΥ °	F r corn	Mareshah	Macalister	1901a
ΔΙΟΝΥΣΙΟΥ	F mi b	Mareshah	Macalister	1901a
-ΔΙΟΝΥΣΙΟΥ	E r rose	Nessana	Grace	1962b
<b>AIONYCIY</b>	KN ret	Jerusalem	Mazar	1971a
$\Delta$ IONYCO $\Delta$ $\Omega$	KN cad b	Dor	Stern	1982
! POYKNIAION		7		•
ΔΙΟΥ	F	Mareshah	Macalister	1901a
ΔΙΟΥ	F	Samaria	Lyon	1924
ΔIOY	F	Tell Keisan	Halpern-Z.	1980
ΔΙΟΦΑΝ!ΤΟΥ	F NI	Caesarea	Lifshitz	1963
BOYAEYTOY				
ΔΙΟΦΑΝΤΟΥ	F ? 1	Mareshah	Macalister	1901a
ΔΙΣΚΟΥ	F m9 a	Ashdod	Dothan	1971a
ΔΙΣΚΟΥ	F m6 a	Beth-Shean	Fitzgerald	1931
<b>ΔΙΣΚΟΥ!</b> (1)	F	Mareshah	Macalister	1901a
ΔΙΣΚΟΥ	F Hel rt	Mareshah	Macalister	1901ā
ΔΙΣΚΟΥ	F	Tell Keisan	Halpern-Z.	1980
ΔΙΩΝΟΣ · ΔΟΡ!ΚΥΛΙΔΑ	KN	Nessana	Grace	1962b
ΔΡΑΚΟΝΤΙΔΑ	E Hel 1	Jerusalem	Fitzgerald	1929
ΔΡΑΚΟΝΤΙΔΑ ΔΡΑΚΟΝΤΙΔΑ	F anch b	Mareshah		· 1901a
ΔΓΑΚΟΝΙΙΔΑ ΔΩΡΙΩΝ	F cad b	Mareshah	Macalister	19016
ΔΩΡΟΘΕΟΥ	KN F	Nessana	Grace	19626
ΔΩΡΟΣ .	F m6 b	Mareshah	Macalister	1901a
EIPHNAIOY	F ret	Samaria Nessana	Lyon Grace	1924
	Hel 1	Hessalla	Grace	1962b
EICO!	E	Tell Keisan	Halpern-Z.	1980 .
ΔΟΤΟΥ		reir keisan	naipern-2.	1900
EAACH	KN	Jerusalem	Mazar	1971a
EAAANIKOY	F r rose	Beth-Shean	Fitzgerald	1931
EN-AN()	F r rose	Mareshah	Macalister	1901a
EEAKECTOY	Er dev	Caesarea	Unpublished	1988 -
ZENWNOZ	2nd name		2 h anitolied	.,,,,,
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EHIFONOY	F m8 b	Ashdod	Dothan	1967a
ΕΠΩΝΟΣ!(	E	; Samarîa	Lyon.	1924
EPMAIC	F Hel b	AKKO	Dothan 🐛	1976
KOY .	•	1		
EPMI!A	KN ret	Nessana	Grace ,	1962b
EPMIA	F KN?	Samaria	Lyon	1924
EPMO	F	Mareshah	Macalister	1901a
EPYMNEYΣ	F dev 1	Nessana	Grace	1962b
	gråp rt	•		
ΕΣΑ!ΣΥΔΑΜΟ	F Hel 1	Mareshah	Macalister	1901a
EΣTIEIOΥ	E fb mi	Ashdod	Dothan	1971a 🧓
	r rose	•		
	paired			
ΕΣΤΙΕΙ!ΟΥ	E fb m2	Wel-Istabah	Landau	1979
ΕΣΤΙΘΥ	E mi b	Samaria :	Lyon	1924
ΕΥΔΑΙΜΟΎΦΟΔΟΥ	E fb m9	Samarıa	Lyon	1924
574 A 14034	r lily			
EYAAMOY.	E m6	Ashdod	Dothan	1971a
EYAAMOY	E m2 b	Beth-Shean	Fitzgerald	1930
EYAAMOY	E m9 b	Gerasa	Welles	1938
EYAAMOY	E m2 b	Jerusalem	Fitzgerald	1929
EYAAMOY	E m2 b	Mareshah	Macalister	1901a
EYAA!MOY EYAA!MOY	E mi b	Samaria	Lyon	1924
EYAAMO!Y	E m9 b E m4 b	Samaria	Lyon	1924
ΕΥΔΩΡΟΥ	E fb m4	Samaria Mareshah	Lyon	1924 1901b
ETMMFOT	r rose	mareshan	Macalister	19910
EYKAEITOY	F cad b	Ashdod	Dothan	1967a
EYKAEITOY	F cad b	K Dureihima	Ovadiah '	1985
EYKAEI!TOY	F cad b	Mareshah	Macalister	1901a
EYKAEITOY .	· F cad b	Mareshah	Macalister	1901a
EYKAEI!TOY	F cad b	Nessana	Grace	19626
EYKAEI!TOY	F cad b	Petra	Horsfield	1941
EYKAEI!TOY	F	Shiqmona	Elgavish	1974
ů	paired .	-		
EYKAEITOY	F cad b	Tel Istabah	Landau	1929
ΕΥ!Κ'ΛΕΥΣ	E	Kh Al-Karak	Delougaz	1460
ΕΥΚΛΕΥΣ	E	Mareshah	Macalister	1901a
EYKAEYΣ	E mi2	Mareshah	Macalister	1991a
•	r rose			
EY!KPATIAA	E grap 1	Jerusalem	Fitzgerald	1929
EY!KPATIAA"	E	Shiqmona	Elgavish 🤚	1974
EYMATI <b>A</b> A	E r rose	Mareshah	Macalister	1901a
	Па	7	` ` `	8
	φP b			-
EYPYKPAU	F	Gerasa 😘	Welles	- 1938
EYTAOY![]	F		Macalister	1901 b
ЕҮФРА	É r rose	Mareshah	Macalister	1901a
EY   PANOP	E	Mareshah	Macalister	1901a
ΕΥΦΡΑΝΟΡΟΣ	F r Hel	Mareshah	Macalister	1901a

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ZENOΦANEYE	E fb m2	Samar1a	Lyon	1924
	r lily		1	* "
	ZforZ		- · · · ·	• .
ZHNOΣA	F r'rose	Mareshah	Macalister	1901a
ΖΩΙΛΟΥ	F	Beth-Zur	Seilers Macalister	1933 4 <b>9</b> 01a
H!	F	Mareshah	Macailster	JAN ∩ Ia
K A A M HPD!D!	·F	Mareshah	Macalister	1901a
нго::: ӨАРГНАІО Ү	<b>.</b>	Itas Coasa ;		.,
НРАГОРА	E fb m13	Tell Keisan	Halpern-Z.	1980
*** *** ***	r rose	44		
НРАКЛЕЈДА	E fb m4	Tell Keisan	Halpern-Z.	1980
·	r trident		۸,	
HPĄKAEITOY	F rose b	Mareshah	Macalister	1901a
HPAKAEITOY	F cad b	Tel Istabah	Landau	1979
HPAKAEITOY	F	Tell Keisan	Halpern-Z.	1980
ΗΡΑΚΛΕΥΣ	F lily b	Samaria	Lyon	1924
НРАРАГ!ОРА!()	E	Shiqmona	Elgavish	1974
ΘΑΝΟΔΟΤΟΥ	ENI a E mi3	Mareshah	Macalister	1901a
OANOAOTO I	r rose	Mai esiiaii	nacamscor	17010
ΘΑΡΣ	Er?	Mareshah	Macalister	1901a
Y	<b>4</b> 4. ;	1144	•••••	-,
ΘΑΡΣΙΙΠΟΛΙΟΣ	E dev 1	Beth-Shean	Fitzgerald	1931
ΘΑΡΣΙΠΟΛΙΟΣ	E m8 b	Mareshah	Macalister	1901a
ΘΑΡΣΙΠΟΛΙΟΣ	E mio b	Mareshah	Macalister	1901a
ΘΑΡΣΙΙΠΟΛΙΟΣ	E	Samarıa	Lyon	1924
ΘΑΡΣΙΠΟΛΙΟΣ	E mio b	Samarıa	Lyon	1924
ΘΑΡΣΙΠΟΛΙΟΣ	E mii b	Samarıa	Lyon	1924
ΘΑΡΣΙΠΟΛΙΟΣ	E m6 b	Samarıa	Lyon	1924
ΘΑΡΣΙΠΟΛΙΟΣ	E m2 b	Samaria	Lyon	1924
ΘΑΡΣΙΙΠΟΛΙΟΣ	E m4 b	Samaria	Lyon	1924
	ret F m4	Beth-Zur	Sellers	1968
ΘΕΑΙ:ΔΗΤΟΥ ΘΕΑΙΗ:ΤΟΥ	E mi E mi2 b	Tell Keisan	Halpern-Z.	1980
ΘΕΚΑΝΑΡΟΣ	F mi b	Mareshah	Macalister	1900 1901a
ΘΕΟΔΑΜΟΥ	E fb m2	Samania	Lyon	1924
OBCANIO.	r lily	Same -	2,011	• , .
ΘΕΟΔΩΡΟΣ	paired	Bet werah	Yogev	1985a ·
ΘΕΟΔΩΡΟΣ	E mi b	Samaria	Lyon	1924
ΘΕΟ!ΔΩΡΟΥ ι	E dev b	Samaria	Lyon	1924
ΘΕΟ!ΔΩΡΟΥ	E Hel 1	Samaria	Lyon	1924
ΘΕΡΣΑΝΔΡΟΥ	E pb <sub>a</sub>	Gerasa	Welles	1938
	ЕП &			
	ΙΕΡΕΩΣ			
ΘΕΡΣΑΝΙΔΡΟΥ	E mi2 b	Mareshah	Macalister	1901a
ΘΕΣΜΟΦΟΡΙΟΥ	month	Beth-Zur	Sellers	1933
AMMM	r lily	et a sa ar ar lle se lle	Wanaliaian	40045
ΘΕΣΤΟ	E m8 b	Mareshah	Macalister Fitzgerald	1901a 192 <i>9</i>
ΘΕΣΤΟΡΟΣ	ep m4 r rose	Jerusalem	Fitzgeraiu	1963
ΘΕΣΤΟΡΟΣ	E mi2 b	Tell Keisan	Halpern-Z.	1980
<b>GECTOPOC</b>	E mi2 r	Tell Keisan -	Halpern-Z.	1980
02010100	rose ret	1 Was abwermen	*********	
ӨЕСТОРОҮ	E m6 b	AraqEl-Amir	Lapp	1980
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	ΘΕΥΔΩΡΟΥ	E m3 b	Tell Keisan	Halpern-Z.	1980
	ΘΕΥΔΩΡΟΥ	E	Tell Keisan	Halpern-Z.	1980
	ΘΕΥΜΝΑΣΤΟΥ	F	Beth-Zur	Sellers	1933
	ΘΕΥΦΑΝΕΥΣ	E m2 b	Tell Keisan	Halpern-Z.	1980
	ΘΕΥΦΑΝΕΥΣ ,	E r rose	Tell Keisan	Halpern-Z.	1980
		pbΙΕΡΕΩΣ			1900
	ΙΑΣΙΚΡΑΤΕΥΣ	E r rose	Jerusalem	Fitzgerald	1929
		рьЕП&		. 102861 414	1 46 3
		ΙΕΡΕΩΣ	•		
	ΙΑΣΟΝΟΣ	F dev	Ashdod	Dothan	10712
	ΙΑΣΟΝΟΣ	F dev	Mareshah	Macalister	1971a 1901a
	ΙΕΡΟΚΛΕΥΣ	F	Nessana	Grace	1901a 1962b
	IEPOKAH	F m8 a	Mareshah	Macalister	1902B
		star rt		nacairscer	19014
	ΙΕΡΟΝΟΣ	F m4 b	Mareshah	Macalister	1901a
	ΙΕΡΟΤΕΛΕΥΣ	Fr but	Tell Keisan	Halpern-Z.	1980
	ΙΕΡΟΤΕΛΗΣ	F NI	Ashdod	Dothan	1982
	ΙΕΡΩΝΟΣ:	FpbE4	Tel Istabah	Landau	1979
		& ΙΕΡΕΩΣ	ici istaban	Landau	1919
		mi r Hel			
	ΙΕΡΩΝΟΣ	E mi3 b	Tel Istabah	Landau	1979
	ΙΕΡΩΝ!ΟΣ	E fb m4	Tel Yoqneam	Ben-Tor	1978
	ΙΚΕΣΙΟΥ	CH	Tell Keisan	Halpern-Z.	1980
	IAANOEY()	NI bulls	T Judeideh	Macalister	1901a
	MOPIJONIJ	head c	- 0 44624651	navanseer	19010
	IMA	F cad b	Mareshah	-Macalister	1901a
	INYU	F m9 b	Mareshah	Macalister	1901a
5	ΙΠΠΟ!ΚΛΕΥΣ	E	Kh Al-Karak	Delougaz	1960
	ΙΠΠΟΚΡΑΤΕΥΣ	F r rose	Beth-Zur	Sellers	1968
	ΙΠΠΟΚΡΑΤΕΥΣ	F r rose	Mareshah	Macalister	1901a.
	ΙΠΠΟΚΡΑΤΕΥΣ	F r rose	T Judeideh	Macalister	1901a
	ΙΣΙΔΩΡΟΥ	Fplant rt	Mareshah	Macalister	1901a
	ΙΣΝΟ!ΔΟ!	F	Mareshah	Macalister	1901a
	A I N A [ ]				• 5 5 • 0
	K	F r rose	Mareshah	Macalister	1901a
	Λ Λ Ι		*>	,	
	KA	F	Mareshah	Macalister	1901a
	ΚΑΛΛΙΚΡΑ	E pb	Samaria	Lyon	1924
		ЕП &			
		ΙΕΡΕΩΣ		-6	
	KAAA!IKPA-E!	E	Beth Govrin	Macalister	1902
	YC				
	ΚΑΛΛΙ!ΚΡΑΤΕΥΣ	E Hel 1	Samaria	Lyon	1924
	ΚΑΛΛΙΚΡΑΤΈΥΣ	E fb miO	Tel Istabah		1474
		r rose			
	ΚΑΛΛΙΚΡΑΤΙΔΑ "	E r rose	Ashdod	Dothan	1982
,,	•	fb m?			- ,
-	ΚΑΛΛΙΚΡΑΤΙΔΑ	E r rose	Beth-Shean	Fitzgerald	1931
		fb m2		. <b>.</b>	- <del> •</del>
	ΚΑΛΛΙΚΡΑ!ΤΙΔΑ	E mi_b	Caesarea	Lifchitz	1963
	ΚΑΛΛΙΚ!ΡΑΤΙΔΑ	E line 2	Mareshah	Macalister	1901a
-		inverted			
	ΚΑΛΛΙΚΡΑΤΙΔΑ	F,m9 b	Mareshah "	Macalister	1901a
	ΚΑΛΛΙΚΡΑΤΙΔΑ	F m6 b	Tell Keisan	Halpern-Z.	1980
	ΚΑΛΛΙΝΙΚΟΣ	E 3 stars	Samaria	Lyon	1924
				=	

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ΚΑΛΛΙΟΥΣ		F 4 stars	Beth-Shean	Fitzgerald	1931
ΚΑΛΛΙΟΥΣ		F 4 stars	Beth-Zur	Sellers	1933
ΚΑΛΛΙΟΥΣ	, <u>**</u> .	F 4 stars	Mareshah	Macallister	1901a
KAPNEIOY	Q.	menth	Beth-Zur	Sellers	1.933
KAPNEIOY	•	F mi b	Samarıa	Lyon 💆	1924
KELAU		F	Mareshah	Macalister	1901a
<b>E</b> AEAN!AKTOY		F	Mareshah	Macalister	1901a
KAEAPXOY		E	Caesarea	Lifshitź	1963
KAE!APXOY		E Hel 1	Mareshah	Macalister	1901a
KAEAPXOY		Errose 🐣	Mareshah	Macalister	1901a
		pbEN&			
		ΙΕΡΕΩΣ			
KAE!APXOY		E Hel 1	Tell Keisan	Halpern-Z.	1980
KAEITOMAXOY		E m6 b	Ashdod	Dothan	1971a
KAEITOMAXOY		F r <sup>4</sup> rose	Mareshah	Macalister	1901a
KAEIT!OMAXOY	\$	E m3 b	Mareshah	Macalister	1901a
KΛEY!KPATEYΣ		<b>E</b>	Tell Keisan	Halpern-Z.	1980
KAEIONYMOY		E Hel 1	Mareshah	Macalister	1901a
KAEONYMOY		E m2 b	Samarıa	Lyon	1924
KO -OΣ		F r rose	Mareshah	Macalister	1901a
KPATIAA	•	E m4 b	Mareshah	Macalister	19 <b>1</b> 01a
<b>KPATIAA</b>		E Hel 1	Tell Keisan	Halpern-Z.	1980 '
$KPEONTO\Sigma$		<b>F</b>	Beth-Zur	Sellers	1933
ΚΡΕΟΝΤΟΣ		F	Caesarea	Lifshitz	1963
$KPEON!TO\Sigma$		F Ł	Mareshah	Macalister	1901a
ΚΡΕΟΝΤΟΣ		F mi3 b	Mareshah	Macalister	190 <b>1a</b>
KPEON!TOΣ		F,	Samaria	Lyon	1924
KPEONTOΣ	سيسي	F mi3 b	Samarıa	Lyon	1924
KPEONT!OΣ		F m3 b	Samaria	Lyon	1924
KPE!ONTOC		F mior2 a	Beth-Shean	Fitzgerald	1931
KPEONTOY		F fb mg	Beth-Zur	Sellers	1933
KYAOY		F mi b ab	Mareshah	Macalister	1901a
KYKNOΣ		NI	Tell Keisan	Halpern-Z.	1980
ΛΑΦΕΙ!ΔΕΥΣ		E m2 b	Ashdod	Dothan	1971a
<b>AAAT</b> OC		F NI 🕳	Dor	Gabalda	1926
ΛΑΦΕΙ!ΔΕΥΣ		E m9 b	Petra	Horsfield	1941مد
ΛΕΟΝΤΙΔΑ		E fb m2	Gerasa	Welles	1938
		r Hel			
Λ!ΕΣΤΠΑ		E Hel 1	Jerusalem	Mazar	1971a
ΛΕΦ!ΟΥ		F	Mareshah 🔪 📑	Macalister	1901a
A P Y			W.	*	
AINOY		F grap rt	Mareshah	Macalister	1901b
ΛΟΧΟΥ	-	KN	Nessana	Grace	1962b
ΑΥΣΙΜΑΧΟΣ	*	F anch b	Samarıa	Lyon	1924
ΛΥΣΙΩΝΟ		F?b	Mareshah	Macalister	1901 <b>a</b>
MO		Er?	Mareshah	Macalister	1901b
MOIAD		F	Mareshah	Macalister	1901a
MUKAETOY		E r rose	Tell Keisan	Halpern-Z.	1980
ΜΑΓΝΩΡΟΣ		F fb m9	Mareshah	Macalister	1901a
		r rose	-		
ΜΑΡΣΥΑ		F mi b	Mareshah	Macalister	1901a
ΜΑΡΣΥΛ		F m9 b	Mareshah	Macalister	1901a
ΜΑΡΣΥΑ		F mi2 b	Mareshah	Macalister	1901a
ΜΑΡΣΥΑ		F mi3 b	Mareshah	Macalister	1901a
ΜΑΡΣΥΑ		F pb mi3	Mareshah	Macalister,	1901a
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	-	<b>&gt;</b>	<b>⋄</b> #			
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55 A 75019 P A 97		m o t	**		••	
ΜΑΡΣΥΑΣ		F m9 b F m6 b	Mareshah		Macalister	1901a
ΜΑΡΣΥΑ ΜΑΡΣΥΑ			Samaria			1924
			Samaria			1924
MAPΣYA MENO		F m9 b	Tell Keisan		Halpern-Z.	1980
MENEKPATEYΣ		Fpb m6	Mareshah		Macalister	1901a
MENEKPATEYΣ		F	Mareshah		Macalister	1901a
ΜΕΝΙ!ΠΠΟΣ	•		Tell Keisan	٠,	Halpern-Z.	1980
MEMI:IIIIO2		Fret	Caesarea		Lifshitz	1963
VENTITOS		rose F	Waxaahah		***	
MENI:IIIOZ			Mareshah		Macalister	1901a
MENIEKOY		KN	Nessana			1962b
ΜΕΝΤΟΡΟΣ	į.	F m4 b	Mareshah		Macalister	1901a
ΜΕΝΩΝΟΣ.		F fb m9	Mareshah 🔩		Macalister	1901a
ΜΕΝΩΝΟΣ		r rose	C		*	
ΜΕΝΩΝΟΣ ΜΕΝΩΝΟΣ		F club b	Samaria		Lyon	1924
MENΩNOZ		F r lily	Samaria		Lyon	1924
MENONOC		fb m3 ret			11 - 1	
MENΩNOC		F F	Tell Keisan	(	Halpern-Z.	1980
MIAA	-		Ashdod		Dothan	1971a
MIΔA		F ac rt	Samaria		Lyon	1924
WTAA		cad b	Chi amatu a		E21 mm and a la	1000
MIΔA		F ac rt	Shiqmona		Elgavish	1974
WTA A S		cad b	Mamaahah		17 m m m 1 m m 1 m m	*
ΜΙΔΑΣ		-	Mareshah		Macalister	1901a
ΜΙΔΑΣ		F acorn r	Mareshah		Macalister	1901a
MIKYOOY		F m8 b	Beth-Shean		Fitzgerald	1931
MIKYOOY		F m9 b	Beth-Shean		Fitzgerald	1931
WIKAOOA		F r rose	Samaria		Lyon	1924
MITYOOY		branch F mi b	Tell Keisan		Halmann H	100.
ΜΙΚΎΘΟΥ ΜΙΝΘΙΟΎΣ		H.	Mareshah		Halpern-Z.	1980
MIPO!ZO!40		F r rose 'F	Mareshah		Mācalister Macalister	1901a 1901a
ΜΝΑΣΩΝ		F	Nessana		Grace	1962b
ΜΝΑΣΩΝ!		F ME b	Nessana		Grace	1962b
ANTIOXEYE		r ne p	Ressalia		Grace	19057
ΜΟΚΛΕΥΣ		F anch b	Mareshah		Macalister	1901a
MOAY		F m9 a	Mareshah		Macalister _	1901a
ΜΟΛΒΡΙΝΟΣ		F m6 b	Mareshah		Macalister 2	1901 <b>b</b>
MIO		TH mon	Tell Keisan		Halpern-Z.	1980
MYTEΩN		F Hel 1	Samaria .		Lyon	1924
ΜΥΤΙΩ!ΝΟΣ		E	Gezer V		Dever	1970
ΜΥ!ΤΙΩΝΟΣ		E Hel l	Mareshah		Macalister	1901a
111111102		dotted s	nai estrati		nacattacet	19014
ΜΥΤΙ!ΩΝΟΣ		E	Tell Keisan		Halpern-Z.	1980
MYTIONIOC .		E	Mareshah		Macalister	1901a
NANIOΣ			Bethel		Lapp	1968a
ΝΑΝΙΟΣ		F	Mareshah		Macalister	1900a
ΝΑΟΡΟΣ		PMP	Nessana		Grace	1962b
NEIAOY		F m9 b	Samaria		Lyon	1924
NEMIOY		F mi b	Mareshah		Macalister	1901a
NH!		E	Mareshah		Macalister	1901a
СІПОТОЧ		•	······································			
NIKA()		E m4 b	Caesarea		Unpublished	1988
NIK!ANA()		Fr	Jaffa		Rowe	1955
NIKAPXOY		F	Fetra		Horsfield	1941
***************************************		•				• • • •

		-		
NIKA!ZALOPA	E N ret	Gezer	Kallai 🛂	1984
ΝΙΚΑ!ΣΑΓΟΡΑ	E m9 b	Jerusalem 🏄	Fitzgerald	1929
ΝΙΚΑΣΑΓΟΡΑ	E mi b	Mareshah	Macalister	1901a
ΝΙΚΑΣΑΓΟΡΑ	E fb m9	Mareshah (	Peters	1902
	r rose	,		
ΝΙΚΑΙΣΑΓΟΡΑ	E Hel l	Samarıa	Lyon	1924
ΝΙΚΑΣΑΓΟΡΑ	E r dolph	Samarıa	Lyon	1924
ΝΙΚΑΣΑ!ΓΟΡΑ	E m9 b	Samarıa	Lyon	1924
	ret			1924
ΝΙΚΑΣΑΓ!ΟΡΑ	E m3 b	Samarıa	Lyon	1924
ΝΙΚΑΣΙΩΝΩΣ	F r rose	Bethel	Lapp	1968a
NIKA	F r rose	Jerusalem	Fitzgerald	1929
CIQNOE		cg/		
NIKATI <b>A</b> OE	F	Samaria	Lyon	1924
NIKO: ETPATOY	F	Marashah	Macalister	1901a
ΝΙΚΩΝΟΣ	E r lily	Samarıa	Lyon	1924
ΝΙΚΏΝΟΣ	E dev b	Tell Keisan	Halpern-Z.	1980
ΝΙΩΝΟ	PMP	Nessana	Grace	1962b
ΝΥΣΙΟΥ	F st rt	Shiqmona	Elgavish	1974
*	2 stars a	• • • • • • • • • • • • • • • • • • • •		
ΞΕΝΟΣΤΡΑΤΟΥ	E m14 b	Jerusalem	Tushingham	1985
ΞΕΝΟΦΑΝΕΥΣ	E fb mi3	Ashdod	Dothan	1982
	r flower			
ΞΕΝΟΦΑΝΕΥΣ	E m2 b	Mareshah	Macalister	1901a
ΞΕΝΟΦΑΝΕΥΣ .	E mii b	Mareshah	Macalister.	1901a
<b>&gt;</b>	m has T	-		
<b>ΞΕΝΟΦΑΝΕΥΣ</b>	E mi b	Samaria	Lyon	1924
ΞΕΝΟΦΑΝΕΥΣ	E mi3 b	Samaria	Lyon	1924
<b>ΞΕΝΟΦ!ΑΝΕΥΣ</b>	E m2 b	TiratYehuda	Yeivin	1970
ZENOΦANIEYC	E mi3 b	Tell Keisan	Halpern-Z.	1980
ZENO (ANTO	E m9	Beth-Zur	Sellers	1933
ΞΕΝΟΦΟΝΈΥΣ	F mi b	Samaria	Lyon	1924
ΞΕΝΟ!ΦΩΝΤΟΣ	E m2 b	Jaffa &	Rowe	1955
ΞΕΝΟ!ΦΩΝΤΟΣ	E mi b	Mareshah	Macalister	1901a
ΞΕΝΟΦΩΝ!ΤΟΣ	E m? b	Mareshah	Macalister	1901b
ΞΕΝΟ!ΦΩΝΤΟΣ	-E	Tell Keisan	Halpern-Z.	1980
ΞΕΝΟΦΩΝΤΟΟ	E m9 b	Jerusalem	Fitzgerald	1929
ОЛУНПІОУ	F	Samarıa	Lyon	1924
ОЛҮМПОҮ	F tor rt	Mareshah	Macalister	1901a
ОЛҮМПОҮ	F rose rt	Tell <b>Ke</b> ısan	Halpern-Z.	1980
ONAEI[ ]	F	Heshbon	Thompson	1969
ΟΝΑΣΙ!ΑΝΔΡΟΥ	E	Samarıa	Lyon	1969
ONA!EIMOY	F	Tell Keisan	Halpern-Z.	1980
ΟΝΑΣΙΟΙΚΟΥ	F	Mareshah	Macalister	1901a
ΟΝΑΣΙΟΙΚΟΥ	F	Samarıa	Lyon	1924
ONHEIAAMOY	E r lily	Samarıa	Lyon	1924
<b></b>	fb m9		<del>-</del>	
ΟΝΗΣΙΔΑΜΟΥ	E Hel 1	Samarıa	Lyon	1924
ΟΡΕΚΟΥΔΑΣ!	PMP	Nessana	Grace	1962b
ΔΑΜΑΡΧΟΥΣ			*	
OPOBION	KN	Nessana	Grace	1962b
OPOBION	KN ret	Nessana	Grace	1962b
ΠΑΓΥΑΡΕΣ	F	Samaria	Lyon	1924
ПАНАИОУ	month	Beth-Zur	Sellers	1933
ПАНАМОУ	month	Mareshah	Macalister	1901a
	4			-

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•	ter ⊅			•	•	` •
	*	•				-
	ПАНАМОУ	خننعو	month	Samaria	Lyon *	1924
			r lily	•	-	
	ΠΑΠΑ		F herm 1	Gerasa	Welles	1938
	<b>HACIA</b>		KN dbl h	Samaria	Lyon	1924
	ΠΑΣΙΩΝ		F mi b	Samaria	Lyon	1924
	ΠΑΥΣΑΝΙΑ		E Hel	Bet Yerah	Yogev	1986a
			paired			.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	ΠΑΥ!ΣΑΝΙΑ		E	Beth-Shean	Fitzgerald	1931
1	ΠΑΥΣΑΝΙΑ		F rose b	Beth-Zur	Sellers	1933
٠.	ΠΑΥΣΑΝΙΑ	*	F	Jericho	Sellin	1913
	ΠΑΥ!ΣΑΝΙΑ		E	Jerusalem	Fitzgerald	1929
	ΠΑΥΣΑΝΙΑ		F rose b	Mareshah	Macalister	1901a
	ΠΑΥ!ΣΑΝΙΑ		E .	Mareshah	Macalister	1901a
	ΠΑΥΣΑΝΙΑ		E m6 b	Mareshah ·	Macalister	1901a 1901a
	ΠΑΥΣΑΝΙΑ		E fb mi2			
	HAIDAMIA			Mareshah	Macalister	1901a
	ATHATTATI		r rose	Compania	*	4000
	ΠΑΥΣΑΝΙΑ		F	Samaria	Lyon	1924
	ΠΑΥ!ΣΑΝΙΑ	· ·	E	Samaria	Lyon	1924
	ΠΑΥΣΑΝΙΑ		E pb	Samarıa	Lyon	1924
			ЕП &			
			ΙΕΡΕΩΣ	خبورستير	· ·	į
	ΠΑΥΣΑΝΙΑ		E m 13 r	Samarıa	Lyon	1924
			sheeps hd			
	)		&ANKY	673		
	ΠΑΥΣΑΝΙΑ!!)		E	Bamaria	Lyon	1924
	[]!ΠΑΥΣΑΝΙΑ!		?	Samaria 🔸	Lyon	1924
	[]				, 2	,
	ΠΑΥΣΑ!ΝΙΑ	_	E mi3 b	Samarıa	Lyon	1924
	<b>MAYCANIA</b>		E mi3 b	Bethel	Lapp	1968a
	ΠΕ-ΟΘΕΟΥ	3	E m3 b	Mareshah	Macalister	1901a
	ΠΕΙ!ΘΊΑΔΑ		E	Mareshah	Macalister	1901a
	ΠΕΙΣΙ!ΣΤΡΑΤΟΥ		E m4 b	Mareshah	Macalister	1901a
	ΠΕΙΣΙ!ΣΤΡΑΤΟΥ	~ E	E m3 b	Samaria	Lyon	1924
	ПОЛУАРАТОУ		E fb m2	Mareshah	Macalister	1901a
	· <del></del>		r Hel	wweemper		
	ПОЛУАРАТОУ	1,4	E fb mi3	Shiqmona	Elgavish	1974
			r rose	mered mosta	meter a ross	A J f T
	ΠΟΛΥΑΙΡΑΤΟΥ		E m4 b	Tel Istabah	Landau	1979
	ПОЛУАРА!ТОУ		F thy	Tel Istabah	Landau	1979
	ПОЛУАРАТОУ		aF	Tel Istabah	Landau Landau	1979
	ПОЛУАРАХОУ		F thy b	Tel Istabah	Landau	1979
	ПОЛУКРА		E fb mi2	Mareshah	Macalister	1901a
			r rose	_	•	فة بد ياس غ
	ПОЛУКРАТОУ		E r lily	Samarıa	Lyon	1924
	мниох ип		pbEII &			
		•	ΙΕΡΕΩΣ			
	HOAYZENOY		F 4 stars	Beth-Zur	Sellers	1933
	ΠΟΛΥΧ!ΑΡΜΟΣ		F	Mareshah	Macalister	
ì	ΠΡΑΤΟΦΑ!ΝΕΥΣ		E m6 b	Jerusalem	Fitzgerald	1929
	<b>ПYOOLEINEA</b>	* •	E m9 b	Ashdod	Dothan	1971a
	PATOΦANEYΣ		E mi3 b	Beth-Shean	Fitzgerald	1931
i#\	ΡΟΔΩΝΟΣ		F sword b	Mareshah	Macalister	1901a
	ΡΟΔΩΝΟΣ		F sword a	Mareshah	Macalister	1901a
	ΣΑ![]		E m6 b	Mareshah	Macalister	1901a
	ΣΑΚΡΑΤΗ	æ°	F m6 b ab	Mareshah	Macalister	
		982	· my w aw	iidi Edildii	"GOUITS CEL	* / V * C4

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٠ ا	ΣΑΡΑΠΙΩΝΟΣ		٤	F 4 stars	Mareshah	*	Macalister	1901a
	ΣΘΕΝΕ!ΛΑΟΣ			F	Tell Keisan		Halpern-Z.	1980
	ZIO			E r rose	Tell Keisan		Halpern-Z.	1980
	<b><i>SIMYAEINOY</i></b>			E m4 b	Maneshah		Macalister	1901a
				рьепа *	·		•	
				ΙΕΡΕΩΣ				٠
	ΣΙΜΥ!ΛΕΙΝΟΥ	*		E Hel 1	Mareshah		Macalister	1901a
	<b>ZIMYAEINOY</b>			E mi3 b	Mareshah		Macalister	1901a
	CIMY!AINOY			E	Tell Keisan		Halpern-Z.	1980
	ΣINXIO			F	Mareshah	-	Macalister	1901a
	ΣΠΟΙΧΑΡΟ			E Hel 1	Mareshah		Macalister	1901a
	CTA!			F dev 1	AraqEl-Amir		Lapp	1980
	$E - \phi A N E Y \Sigma$							
	ΣΤΕΦΑΝΟΥ:			F	Nessana		Grace	1962b
<b>مر</b> سد	ETINOMOY!			F mi2 b	Mareshah		Macalister	1901a
	ΣΤΙΧΟΥ	li .		KN dev	Nessana		Grace	1962b
	HMIOYTOY	ı		st rt			** 1 1	4004=
	ETPATONIKOY			F r rose	Mareshah .		Macalister	1901a
	ΣΤΡΟ!TCY			F m9 b	Mareshah		Macalister	1901b
	YOXIAMMYZ			F m8 b	Jericho		Sellin	1913
	YOXIAMMYZ			E m9 b	T AbuShusha		<b>Ğıve</b> ón	1963
	EG IDOV			paired			Macalister	1901a
*1	ΣΩ!ΒΟΥ			F grap 1	Mareshah			1980
	ΣΩΔΑΜΟΥ			E m8 b	AraqEl-Amır		Lapp	1900
	•			pbEΠ& IEPEΩΣ	•			1
	TO A A MOV			E mii b	Mareshah		Macalister	1901a
	ΣΩΔΑΜΟΥ ΣΩΙΔΑΜΟΥ			E Hel 1	Tell Keisan		Halpern-Z.	1980
	ΣΩ!ΔΑΜΟΥ			E dart 1	Tell Keisan		Halpern-Z.	1980
	ΣΩΖΩΝ			F NI	Caesarea		Lifshitz	1963
	ΣΩΚΡΑΤ			F m9 b	Kh Al-Karak		Delougaz	1960
	ΣΩΚΡΑΤΕΥΣ			F	Jerusalem		Fitzgerald	1929
	ΣΩΚΡΑΤΕΥΣ			F tor b	Mareshah		Macalister	1901a
	ΣΩΚΡΑΤΈΥΣ			F tor rt	Mareshah		Macalister	1901a
	ΣΩΚΡΑΤΕΥΣ			F tor a	Mareshah		Macalister	1901a
	ΣΩΚΡΑΤΕΥΣ			F tor rt	Petra		Horsfield	1941
	ΣΩΚΡΑΤΕΥΣ			F tor rt	Ramat Rahel		Aharoni	1964
	ΣΩΚΡΑΤΕΥΣ			F paired	T AbuShusha		Giveon	1963
	ΣΩΚΡΑΤΕΥΣ			F tor rt	Tell Keisan		Halpern-Z.	1980
	ΣΩΠΑΤΡΟΥ			KN	Nessana		Grace	1962b
	ΣΩΣΙΒΙΟ			KN	Nessana		Grace	1962b
	ΣΩΣΙΚΛΕΥΣ			F tor b	Mareshah	*	Macalister	1901a
	ΣΩΣΙΛΑ			F	Ashdod		Dothan	1971a
	ΣΩΣΠΑΤΟΥ			E m 13 b	Mareshah		Macaliste	1901a
	ΣΩΣΤΡΑΤΟΥ			E r lily	Samaria		Lyon	1924
				fb m4	· · · · · ·		-	
•	CΩC!			Ė	Tell Keisan		Halpern-Z.	1980
	TPATOY						•	
3	COCTPA!			E fb m4	Tell Keisan		Halpern-Z.	1980
7	TOY							
	COCY			F	Mareshah	•	Macalister	1901b
	ΣΩTHPI!			F	Samaria		Lyon	1924
	IJOAIPOY							
	ΣΩΤΗΡΙΔΑ	,/ }		F r rose	Mareshah		Macalister	1901a
	ΣΩΤΗΡΙΧΟΣ			F r bird	Mareshah		Macalister	1901a

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		<b>.</b>	v	•	<b>1</b>	
4				•	,	
ΣΩΤΗΡΙΧΟΣ	, //	F	Mareshah	Macalister	1901a	
ΣΩΧΑΡΈΥΣ	7	E mi3 b	Tell Keisan	Halpern-Z.	1980	
ΣΩΧΑ!ΡΗΣ 🐇		E?	Beth-Shean	Fitzgerald	1931	
TEIZAMENOY		Er?	Shiqmona	Elgavish	1974	
		fb m13		*		
T#EXA!MENOY		E m4 b	Tel Istabah	Landau	1979	
TEION		E m13 a	Mareshah	Macalister	1901a	
		reversed	-			
ΤΕΧΝΩΝΟΣ		KN	Nessana	Grace	19625	
TIMAOY		F	Mareshah	Macalister	1901a	
ΤΙΜΑΣΑ!ΓΟΡΑ		E m8 b	Shikmona	Elgavish	1974	
TIMOAIKOY TIMOAIKOY		E E mi-b	Ashdod	Dothan	1967a	
THOATPOY		E mi3 b	Mareshah Tell Keisan	Macalister	1901a	
TIMODEOY		F r rose	Mareshah	Halpern-Z.	1980	
TIMO!OEOY		E m4 b	Mareshah	Macalister Macalister	1901a 1901a	
TIMO!0EOY		E m2 b	Shiqmona	Elgavish	1901a 1974	
111010201		paired	cirquona	E189 A 1211	1914	
TIMOKPATII		Er rose	Ashdod	Dothan	1967a	
TIMOZENOY		Fr? >	Shiqmona	Elgavish	1974	
ΤΙΜΟΧΛΗΣ		F	Caesarea	Raban	1983a	
ΤΙΣΟΥ-ΚΛΕΩΣ		F r rose	Mareshah	Macalister	1901a	
YOX9-		F	Mareshah	Macalister	1901a	
ΦA		TH mon	Tell Keisan	Halpern-Z.	1980	
ΦANIA		F	<sup>*</sup> Samaria	Lyon	1924	
Φ!ΕΙΔ <sub>¥</sub> Α		E Hel l	Mareshah	Macalister "	1901a	
· ΦΙΛΑΙΝΙΟΥ		F wrth rt	Mareshah	Macalister	1901a	
•		m4" a	-	. 2		
ΦΙΛΑΙΝΙΟΥ		F-m? a	Mareshah	Macalister	1901b	
ΦΙΛΑΙΝΙΟΥ		- <b>F</b>	Samaria	Lyon	1924	
ΦΙΛΑΙΝΙΟΥ!	41	<b>F</b> *	Samaria	-Lyon	1924-	
IJOMOY		53 m () m				
ΦΙΛΑΙΝΙΟΥ		F m4 a	Samarıa	Lyon	1924	
ΦΙΛΙΟΥ		wrth 1	Mall Year	***************************************		
ΦΙΛΙΠΠΟΥ!		Frbut ENI	Tell Keisan	Halpern-Z.	1980	
ΘΕΥΦΕΙΣΤΟΥ		E WI	Caesarea	Lifshitz	1963	
ΦΙΛΟΔΑΜΟΥ		E m4 b	Mareshah	Macalister	1001.	
ΦΙΛΟΔΑΜΟΥ		E mi b	Samaria	Lyon	1901a 1924	
<b>ΦΙΛΟΚΛΕΑ</b>		F	_ Samaria	Lyon	1924	
ΦΙΛΟΚΡΑΤΕΥΣ		F cad b	Tel Istabah	Landau	1979	
ΦΙΛΟ!ΝΥ ,		KND pb	Tell Keisan	Halpern-Z.	1980	
,		KNI	<i>y</i>		1,00	
ΦΙΛΟΣΤΕΦΑΝΟΥ		ret F Hel r	Tel Istabah	Landau	1090	
ΦΙΛΟΣΤΕ!ΦΑΝΟΥ		F Hel 1	Tel Istabah	Landau .	1979	
ΦΙ!ΛΩΝΙΔΑ		E E	Mareshah	Macalister	1979 1901a	
ΧΑΡΗΣ		F m 4 15	Jerusalem	Tushingham	1985	
ΧΑΡΙΜΟΚΛΈΥΣ		E	Beth-Shean	Fitzgerald	1931	
ΧΟΙΜΟΝΟΣ		E m12 b	Samaria	Lyon	1924	
·		lily a			T	
XPH 6		F	Mareshah	Macalister	1901a	
ΧΡΉΣΙΜΟΥ		F r lily	Samaria	Lyon	1924	
ΧΡΥΣΑΩΡ		E	Atlit	Johns	1934	
ΧΡΥΣΗΜΟΥ		F r rose	Mareshah	Macalister	1901a	
			,	· - <del>-</del>	· · · · ·	

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#### APPENDIX A

#### EPONYMS NAMED ON RHODIAU AMPHORA STAMPS

In the following list, numbers preceded by H. are those of Hiller's list of eponyms (cf note 21; those preceded by N, are numbers in Nilsson's catalogue of the Lindos collection toil note 1), where fabricants and eponyms are in a single alphabetical series, but with separate numbers for fabricants and eponyms bearing the same name. As noted above, in the present list no indication is given of repeated terms of office called by the same name, further, separate numbers are not given for spelling variations of the same name. Eponyms are known to me in photographs (mostly), or at least in rubbings, except for those marked with an asterisk.\* These remain for the present more or less in doubt, although for each one there seemed to be grounds for including it tentatively in this list. For instance, Antimachos, Aristokrates, and Sosiphilos, though mithout much other support, are all read with little or no restoration in the Lindos catalogue. Aristokles is known to me ha reading only in a single example in an unreliable publication: "but four examples. in a variety of types, are listed by Pridik from south Russia (op. cit. in note 2, p. 310). Polites is rejected by Nilsson (p. 95, note 3) from the Rhodian list, but without taking into account no. 1105 of the Pergamon catalogue (op. cit. in note 3), on which it seems to be read clearly. More dubious is Eudoros, which is possibly, wherever it is read, an error for Theudoros.15 Finally, the omission here (see above, p. 118) of namesflisted by Hiller which are known in inscriptions but not (to me at least) on handles cuts out from the present list the following thicken priests of Halios (I give Hiller's numbers): Antisthenes (45), Archestratos (88), Diogenes 116), Diokles (117), Menes-

theus (211). Xenotimos (230), Pythannas (253), and Phanostratos (297). Of these, Pythanna, is true early to be found on stamps, while most of the rest are probably too late.

Eponyms included here that are not listed for not numbered; by Hiller are marked with a  $\dagger$  tin these, notes are given at the end, following the list.

```
'Αγέμαχος
  1. (H.2; N.8)
                                                     36. (H. 57)
                                                                                Apirtrapages
  2. /tH. 3; N. 94
                          Αγέστρατος
                                                      37. (H. 59-60; N. 82)
                                                                                *Aporteibas
  3. (H.4)
                          'Αγήμων
                                                     38. (H. 61; N. 84)
                                                                                Aparei's
                          Αγησίλας *
 4. (H.7)
                                                      39. (H. 64; N. 86)
                                                                                Apartion *
                          'Ayyothoyos
  4. bis 1 H. S1
                                                     40. (H. 66; N. 94)
                                                                                Aprotablector
  5. (H. 10; X. 16)
                          'Αγήσιππος
                                                     41. (H.67; N 97)
                                                                                'Aparto , erros
                          "Alygous
 6. (H. 11)
                                                     42. (H. 68.9; N. 98)
                                                                                Apartuyerns
                          'Αγλούκριτος ('Αγλω-')
 7. (H. 12)
                                                     43. (H. 70; N. 99) ·
                                                                                'Αριστύδαμος
 S. (H. 13; N. 17)
                          Άγλούμβροτος
                                                     44. (H. 72-3)
                                                                                "Apurroalijs *
 (7.) (H. 14; N. 18)
                         Αγλώκριτος
                                                     45. (H. 74; N. 美(2)
                                                                                'Αμιστυλμάτης *
                          Αγλώχαρτος
 8. bis (H. 16)
                                                     46. (H. 75; N#105)
                                                                                Αριστύμαχος
 9. (H. 17; N. 20)
                          Αγομάναξ
                                                     47. (H. 76; N. 106) €
                                                                                'Αριστομβρωτίδας
 10. (H. 18: N. 21)
                          *Αγμιος
                                                      48. (H. 77; N. 108)
                                                                                Apartopie 98
 11. (H. 19; N. 25)
                          ^{\prime}A	hetaar^{\prime}\deltaυτυς
                                                     49. (H. 78; N. 109)
                                                                                Αρωτόνομως
 12.
                          'Αθαι όδωμος †
                                                      50. (H.79; N.111)
                                                                                'Αριστύπολις
     (H. 20; N. 27)
 13.
                          'Αθανόφιλος
                                                      51. (H. 80; N. 112)
                                                                                'Αριστοφάνης '
     (H. 22; N. 30)
                          Αίνησίδαμος
                                                      52. (H. 81; N. 113)
                                                                                'Αρίστρατος
     (H. 23; N. 31)
                          Αἰνήτωρ
                                                      53. (H. 82; N. 115)
                                                                                Αμίστων
     (H. 24; N. 33)
                          Aloxíras
                                                      54. TH. 831
                                                                                'Αριστωι ιδας
 17. (H. 25; N. 34)
                          Αίσχυλίνος
                                                      55. (H. 84; N. 120)
                                                                                Αρμοσίλας
                                                      56. (H. 87; N. 131)
     (H. 26; N. 35)
                          'Ακεστίδας, υτ 'Ακεστίας
                                                                                Αρχέμβρυτος
19. (H. 28; N. 37)
                          'Αλεξιώδας
                                                      57. (H. 89; N. 132)
                                                                                Αρχίβιος
                          *Αλεξίμαχος
20. (H. 30; N. 39)
                                                      58. (H. 90, 91;
122 ) (N. 46, 9)
                          "Arardpos for
                                                             N. 133, 1341
                                                                                Άρχίδαμος
                            'Αν ( άξ ) αιδμος
                                                      59. (H. 93; N. 135)
                                                                                Αρχιλαίδας
21. (H. 33; N. 45)
                          'Αι αξαγύρας
                                                     60. (H. 94, N. 136)
                                                                                'Apzinos
                                                     61. (H.97, N.137)
23.
                          'Αι άξαι δρος ( 'Αναι δρος)
     (H. 34; N. 46)
                                                                                Αρχυκράτης
 23.
     (H. 35; N. 47)
                          Αναξίβουλος
                                                     62. (H. 100-1; N. 141)
                                                                               'Αστυμήδης
24. (H. 38; N. 49)
                          'Αιδρίας
                                                    -63. (H. 102; N. 142)
                                                                                Αύτοκρατης
     (H. 40-41; N. 52)
                          Ανδρύνικος
                                                     64.
                                                                                Boxx [ws] †
                                                     65. (H. <u>M</u>5; N. 151)
26. (H.—not
                                                                                Γύμγων
       numbered)
                          'Artiléwr †
                                                     66. (H. 106; N. 156)
                                                                                Δαήμων
                          'Αι τίλοχος
27.
     (H. 42; N. 54)
                                                     67. (H. 107; N 159)
                                                                                Dapair eros *
                          'Αντίμαχος *
    (H. 43; N. 50)
                                                     6S. (H. 10S)
                                                                                Δαμάτριυς
29.
     (H. 44; N. 58)
                          Artimarpos
                                                     69. (H. 109, N. 163)
                                                                                Δαμύθεμις
30.
                          'Απατο (τριος) † *
                                                     70. (H. 110; N. 164b)
                                                                                Δαμυκλής
                          'Απολλώτως *
31.
                                                     71. (H. 111; M. 166)
                                                                               Δαμυκρατης
     (H. 50; N. 68)
                          ^{f A}
hoατυφ\mathring{a}ινης
                                                     71. bis (H. 112)
                                                                                [ Da ] pootler gs
                                                     72. (H. 115; N. 170)
     (H. 51; N. 70)
                          'Αρετακλής
                                                                                பீயமு
    (H. 54-5; N. 76)
                          'Αρίστακος
                                                     73. (H. 118; M. 178)
                                                                                Διοι έσισς
     (H. 56; N. 78)
                          'Αριστάναξ
                                                     74. (H. 120;: M. 183)
                                                                                Δορκιλίδας
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### EFGNYMS NAMED ON RHODIAN AMPHORA STAMPS

```
111. (H. 195; N. 278)
  75.
                           Δράκων †
                                                                                Kamourparos + Kano- .
  76 (H. 124)
                           Εξάκεστος
                                                    (107.) (N. 279)
                                                                                Khirowayus
  76. bis (H. 126)
                                                     112. (H. 196; N. 282)
                           Έπιχαρμος *
                                                                                Κματίδας
  77. (H. 127-8; N. 199) Estatos
                                                     113. (H. 198; N. 284)
                                                                                Λαφείδης
                             ('Esticios, 'Isteios)
                                                     114. (H. 199; N. 285)
                                                                               Acortidas
      (H. 129; N. 200)
                          Εὐάνωρ
                                                     115.
                                                                               Ackor T
      (H. 130, N. 203)
                           Εὐδαμος
                                                     116. (Ht 201; N. 287)
                                                                               Αιξιτανόμος
  80. (H. 131)
                           Εἴδωρος *
                                                     117. (H. 217; N. 320)
                                                                               Μυτίων
  81.
                          Εύκλείδας Χάρμευς †
                                                     118.
                                                                               Ναύσικος Τ
  82. (H. 132-3; N. 205) Eikhijs
                                                     119. J(H. 218; N. 322)
                                                                               Ναύσι<del>ππ</del>ος
  83. (H. 134; N. 207)
                                                     120. (H. 221; N. 329
                           Εικράτης *
                                                                               Nekagayonas
  84. (H. 135; N. 209)
                          Εὐκρατιδας
                                                     121. (H. 223; N.,333
                                                                               Νικομαγός
  84. bis
                          Είπολεμος †
                                                     122. (H. 225; N. 333)
                                                                               Nikwy
  85. (H. 139; N. 214)
                          Είφρανορίδας
                                                     123. (H. 226; N. 335)
                                                                               Ecrapetos
                                                    124. (H. 228; N. 337)
  86. (H. 140; N. 212)
                          Εὐφράτωρ
                                                                               Ξειυστρατος
                          'Exchordos
                                                    125. (H. 231; N. 340)
  87. (H: 143; N. 216)
                                                                               Ecropurns
                          Ζηνόδοτος
  88. (H. 144; N. 220)
                                                    126. (H. 232)
                                                                               Zerndains Tepuvos
  89. (H. 145; N. 223)
                          Ήραγόρας
                                                    127. (H. 233; N. 341)
                                                                               Ξειοφαιτος
                                                    128. (H. 234; N. 342)
 (92.) (H. 148; N. 227)
                          Θάρσανδρος
                                                                               Zerodůr
  90. (H. 149; N. 228)
                          Θαρσίπολις
                                                    129. (H. 235; N. 344)
                                                                               'Ονασαι δρυς
                                                    130. (H. 238; N. 348)
  91. (H. 150; N. 229)
                          Θεαίδητος Ι Εήδητος Ι
                                                                               Πασηβών
 92. (H. 155; N. 233)
                          Θέρσανδρος (Θάρσ-)
                                                    131. (H. 239; N. 352)
                                                                               Harvavias 4
 93. (H. 157; N. 236)
                                                    132.
                          Θέστωρ
                                                                               Πειθιαδας †
  94. (H. 158)
                          ,Θευγένης
                                                    133. (H. 241; N. 353)
                                                                               Πεισίστρατος
  95. (H. 160; N. 238)
                                                    134. (H. 243)
                          •)εὐδωρος
                                                                               Holitys *
  96. (H. 163; N. 240)
                                                    135. (H. 244; N. 357)
                          Θευφάνης
                                                                               Πολιάματος
                          Θήδητος
                                                    136. (H. 247)
                                                                               Holyklijs
 97. (H. 167; N. 244)
                          Θυαστόσμος
                                                    137. (H. 248; N. 358)
                                                                               Πολυκρατης
  98. (H. 168)
                          Θρασύμα γος
                                                    138. (H. 252)
                                                                               Πολυχαμμός
 99. (H. 172; N. 246)
                          Ίασικράτης
                                                    139. (H. 253; N. 362)
                                                                               Πρατοφάνης
 100. (H. 173)
                          Ίάσων
                                                    140.
                                                                              Πρωτογένης Τ
 101. (H. 176; N. 253)
                          Ίέρων
                                                    141. (H. 254; N. 365)
                                                                              Πιθογένης
 101. bis (H. 178)
                          Ίπποκλής *
                                                    142. (H. 255; N. 367)
                                                                              Πιθάδωρυς
 (77.) (N. 257)
                                                    143. (H. 256; N. 368)
                          Ίστεῖυς
                                                                              Πιθύκριτος
 102. (H. 180; N. 262)
                                                    144. (H. 257; N. 373)
                          Kalliávaš
                                                                              Sterelas
 103. (H. 181; N. 263)
                          Kalluparns
                                                   *445!" (H. 258; *N. 374)
                                                                              Squies
 104. (H. 182; N. 265)
                          Καλλικρατίδιις
                                                    146. (H. 259; N. 376)
                                                                              Semunitor
 105. (H. 183; N. 267)
                                                    147. (H. 262; N. 379)
                          Kallifenos
                                                                              Σύμμαχος
 106 (H. 186, N. 272 bis Kheapyos
                                                    148. (H. 263; N. 381)
                                                                              Σώδαμος
 107. (H. 187, 188)
                                                    147
                                                          1 H. 264; N. 383+
                          Kleirouajos (Kliro-1
                                                                              SWKULTTS
(111.)
                         Κλεινοτρατος
                                                    150. (H. 267., N. 385)
                                                                              Sworks ijs
(110.)
                         KAcorepus
                                                         111 263. X. 3891
                                                                              Swortbeater *
 108. (H. 190; N. 274)
                                                    152. (H. 269; N. 391)
                         KAcroikus
                                                                              Lugatus
109. (H. 191; N. 275)
                                                    153. (H. 270; N. 396)
                         KAEUKparns
                                                                              Lugaris
 109, bis
                         Klevrenos †
                                                   1157.1
                                                                              Τειμαγόμας
110. (H. 194, N. 277)
                                                   159.1
                         KAEWPOOS | KAEOFEROS +
                                                                              Τειμασαγυμας
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# EPONYMS NAMED ON RHODIAN AMPHORA STAMPS

15-	L (H. 271 N. 398)	Τεισαγόρας (Γισ-)	luž, bis	Tegweat †
155	5. (H. 273 ; N. 418)	Tewaperus (Tw-)	(154-)	Τισαγόρας
156	6 (H. 275)	Τελέσων	(155.)	Togaperos
157	7. (H. 276; N. 401)	Τιμαγόρας (Τειμ-)	166 (H. 293 , N. 420)	danctus
158	i. (H. 279; N. 405)	Τίμαρχος	167. (H. 209)	Palitos
159	). (H. 280, 281 : 🤺		168. (H. 301; N 424)	Petribapos
	N. 406)	Τιμασαγόρας (Τειμ-)	169 (H.303) N 4364	<b>Федократу</b> ь
160	). (H. 284; N. 409)	Τιμύδικος	170. (11 303-4).	
161	. (H. 285; N. 411)	Tipotleos 🔭 📉	N. 459-1 v	Paten Sur. Paten Sur
162	2. (H. 286; N. 412)	Τιμοκλείδας	171. (H. 300) 17 4366	Nappostás
163	L (H. 287; N 413)	Τιμυκλής	"171. bis	Spragor t
164	H. (H. 291)	Τιμόστματος	172. (H <sub>3</sub> 307)	Χρισάωρ
165	i. (H. 292; N. 416)	Τιμούρροδος	173. (H. 309)	Χρισσιτρατος

(Grace, 1953:124

### ADDITIONS TO ABOVE LIST

<b>΄</b> Αθαναγόρας	L			Meyachijs	E
'Απολλόδοτος	E			Mevekhiis:	L
*Αριστοφάνης	E		*	*Menerand	
'Αριστόφιλος	L			-	L
Αριστώνυμος	L	*,		Μενταΐος	E
Αρχέστρατος		<b>**</b>	•	Μηνόφιλος	L
Βουλαγόρας	E			Mvaglas	L
Βουλαφίνης	E		74	Νικότιμος	L
Bookerainis	<u> </u>			<b>Πυθοκλῆς</b> -	
<b>Δαμοσθένης</b>	E	*		Σωσίδαμος	E.
Διογένης	E			Τιμασίθεος	E.
Έκάτων	L		, .	Τιμοκράτης	L
Ήράκλειτος	$\mathbf{L}^{M}$			Τιμοσθένης	$\mathcal{I}_{\mathrm{L}}$
"Ιεροκλ(ῆς)	L		'	Φρ(ασίλας)	E
Καλλιφάνης	L(?)			Φρ(ασιλάς) Φωκίων	
Λυσίστοστος	~ (·)	-		<b>YWKIWY</b>	E

(Grace, 1962b:113-114)

### CORRECTIONS TO ABOVE ADDITIONS

For Διογενής read Διοπειυής
Delete Μεγακλής

(Grace, 1965a:7)

#### APPENDIX B

### COMPUTER APPLICATIONS

As noted in Chapter 2 on page 25, microprocessor based technology was used extensively in the preparation of this thesis to facilitate both the production of the thesis and the analysis of the material. Detailed information about the computer hardware and software utilized, the procedures followed and the problems encountered are provided in this Appendix.

For personal reasons (primarily for compatibility with existing computer hardware and software in my business office and to minimize the learning curve) I decided to utilize an International Business Machine (IBM) compatible personal computer operating with the Microsoft Disk Operating System (MS-DOS) version 3.2. Other brands of personal computers, such as the Macintosh, are equally capable and have equivalent software so could have been utilized. /8/

### Hardware

The following listing of the specifications of the computer hardware used during the preparation of this thesis is provided to facilitate other possible future projects of a similar nature and due to the realization that not all computer hardware is compatible with the software programs that have been used in the course of this thesis:

. Microprocessor System - Best Mark III by Best Systems Corporation of Canada Inc., 6315 Kestrel Road, Mississauga, Ontario, Canada L5T 1S4, equipped with: an 8088-2 processor, Phoenix BIOS (Basic Input Output System), 640K of RAM (Random Access Memory), two double sided, double density 360K 5.25 inch floppy disk drives, a parallel printer port, a serial port that supports all RS232-C signals, an ATI Graphics Solution graphics adapter by ATI Technologies Inc., 450 Esna Park Drive, Markham, Ontario, Canada L3R 1H5, and together with a Zenith Data Systems 12" ZVM 1240 amber monitor. The Graphics Solution adapter can be set to behave like 4 different video adapters. For the purposes of this thesis it was set to emulate a colour/graphics adapter on a monochrome monitor.

Modem - Best 300/1200 baud modem by Best Systems Corporation of Canada, Inc.

Printer - Roland 1212A: a multi mode, impact dot matrix printer by Roland DG Canada Inc., Unit B-12, 1515 Matheson Blvd, Mississauga, Ontario, Canada L4W 2P5. This printer is compatible with IBM printers and Epson FX series printers.

#### Software

It was necessary to investigate and obtain software programs that would satisfy the following needs:

- word processing,
- the ability to print classical Greek letters and words interspersed within an English language context,
- data base applications, and
- electronic communications.

Criteria for selecting these programs included:

- moderate pricing;
- compatibility with the other software programs, where necessary, and with the hardware;
- programs had to be powerful enough to meet the identified need yet reasonably simple to operate.

### Word Processing

Two word processing programs were utilized in the preparation of this thesis.

PC-Write Initially, a shareware program called "PC-Write" (version 2.7) was used because of its reasonable cost and wide capabilities. /9/ I also knew it to be compatible with a program called "Lettrix", which I intended to try to utilize for printing Greek (See the following section on Printing Classical Greek for an explanation of the use of Lettrix). PC-Write is a program of Quicksoft, 219 First N, \$224 Seattle, WA 98109, and costs about \$100 in Canadian funds for a registered copy. Version 2.7 requires 320K of computer memory if the spelling checker is utilized and 256K without the spelling checker. One minor drawback of this program is that the maximum file that can be edited is 60k. /10/ PC-Write was ultimately used for all of the text files which include Greek letters or words.

The primary use of PC-Write was to prepare an index of Greek names. The particular advantage of having such an index on a word processing program is the ability to use the program's

search facility to check for any specified character string. This is invaluable when working with an inscription where some of the letters are missing due to wear, a broken stamp or a poor original application of the stamp. Possible parallels to the partial inscription can be found by using the program's search facility to locate other examples in the listing of the same consecutive character string. Note that in some instances it would be advantageous to include the symbol "!" (which is used in the listing to indicate a line ending in a multiple line the character' string in order to search inscription) in consecutive characters that are on different lines inscription and which have been listed in one line in the table. (See the "Notes on Index of | Greek Names and Monograms" for a fuller explanation of the use of the symbol "!".) The greatest flexibility in searching for "character strings" would be provided by utilizing a listing in which each name is listed on one line only and from which all the "!" symbols had been This would permit searches for consecutive character strings without regard to their "line" position in the stamp. This would be a valid search procedure as an examination of the listing shows many instances where the same name is all on one line of the inscription or has some of its characters on one line and some on the next; and even cases where the name is on two lines on different stamps but is broken at a different location in the name.

As the Index of Greek Names exceeds PC-Write's maximum file

size it was necessary to utilize two files. This is readily done with PC-Write. However, it is inconvenient and more labour intensive having to switch between files when loading names into the Index and when carrying out character string searches.

wordPerfect A program called "WordPerfect" (Version 4.2) was utilized for all text processing in this thesis, other than text containing Greek, primarily because of its ease of use and its extensive features. WordPerfect is a program of WordPerfect Corporation, 288 West Center Street, Orem, Utah 84057 U.S.A., and costs about \$280 in Canadian funds. If all the advantages of version 4.2 are to be fully utilized it requires 384K of computer memory. There is no limit on the file size that can be edited.

Using the hardware previously specified, I was not able to use WordPerfect with Lettrix due to a line advance problem. One line of Greek, interspersed with English text, would print properly but the printer would not advance to print the second line. However, I feel confident that with knowledgeable technical input that problem could be overcome.

### Printing Classical Greek

All Greek text in this thesis is printed through the utilization of a software program called "Lettrix" (Version 3.5).

/8/ Lettrix is a program of Hammerlab Corporation, Riverdale,
New York 10471 and costs about \$175 in Canadian funds. Lettrix
is referred to as a "terminate and stay resident program" (tsr
program) as it remains resident in the computer's memory even

when another program is running. Basically, Lettrix is a "printer driver" program as it resides in the computer's memory between the word processing program and the printer, and is activated, at the time of printing of the file, through a code embedded in the text. Lettrix has 18 other typefaces besides Greek and Biblical Hebrew and can print Greek accents and Hebrew vowel points. Lettrix also enhances the printing on a dot matrix printer to "near letter quality" and is compatible with many of the popular printers.

The procedures for using Lettrix to print Greek on a double floppy disk drive IBM compatible microprocessor with an Epson FX compatible printer are as follows:

- 1) Boot (start) the computer using MS-DOS.
- 2) Load whichever English font is to be used (say Courier) (up to a maximum of 7 fonts can be loaded), and then the Greek font, by typing in the command LX/E Courier Greek. This assigns the code \1 to the Courier font and \2 to the Greek font.
- 3) Load your word processing program in the usual manner.
- 4) Whenever a word is to be printed in Greek, precede it in the text with the code \2 and then type in the Greek word using the characters given in the "keyboard equivalencies" table. (See Appendix C). The English equivalent characters appear on the screen, not the Greek characters. (See Appendix D (p. 111) for a printout of the text, coded for Lettrix, as it appears on the screen). To change back to

English (Courier) text type in \1 after the Greek word.

Note that there is no equivalent, in the Lettrix equivalencies table, to the Greek letter C so it is necessary to code to the English font and then back to the Greek font whenever a C occurs within a Greek word.

5) Print the file in the usual manner. The letters coded for Greek will be printed in Greek.

When using Lettrix with the above noted hardware and PC-Write the following should be noted:

-Material arranged in columns must have at least 6 spaces between the columns or the text will run together when printed. Even though they are not printed, code characters can not intrude into this gap.

-After printing has been completed the Lettrix menu must be displayed on the screen (by pressing right shift and enter) before the last continuous form feed sheet is torn off at the tear bar. Displaying the Lettrix menu clears the Lettrix line buffer and advances the end of the last sheet the remaining few lines to the tear bar.

#### Data Base Applications

A software program called "Reflex" (Version 1.14) was utilized for the data base applications in this thesis. Reflex is a program of Borland/Analytica, Inc., 4585 Scotts Valley Drive, Scotts Valley, California 95066 USA, and costs about \$110 dollars in Canadian funds. Reflex has all the capabilities of

the standard "file-manager", non-relational type, data base program. /11/ Information in the file is stored in individual records (lines in a matrix) with attribute data stored in fields (columns in the matrix), the order of both records and fields in the matrix can be rearranged and records can be sorted by means of a number of successive criteria.

Reflex was selected because of its reasonable price, its ability to analyze data, and its additional capability of producing statistical graphs. Also, as Reflex is memory resident, it is the fastest of the database programs. One potential drawback to Reflex is that for a computer with 640k of random access memory only 340k is available for the data base as the program itself uses 300k of memory. This is not a problem in the data base application in this thesis as each record only takes about 110 bytes which permits approximately 3000 records in the data base. /12/

Reflex is a relatively easy program to use and the manual is well written. However one particular problem was encountered which is worth noting. When using compressed printing to produce the Site Data Base Tables a special setup string and print settings are required to make the tables fit on the 8 1/2 inch paper. /13/ If one more column (i.e., character space) is subsequently used in the table than is allowed for in the print settings, then the table will print out "double spaced" and the normal page endings will be ignored. If more than one extra column is used the printing will wrap around onto the "double"

spaced" lines. Also, when using compressed printing the Site Data Base Tables will only print out when the standard program (i.e. draft mode) is used on the printer. With compressed printing this is virtually near letter quality in any case.

### Electronic Communications

A software program called Crosstalk XVI (Version 3.61) was selected for electronic data communications purposes as it is one of the industry standards. Crosstalk XVI is a program of Digital Communications Associates, Inc., 1000 Holcomb Woods Parkway, Suite 440, Roswell, GA 30076, and costs about \$140 in Canadian funds.

One minor point should be noted when first using Crosstalk to make a call. The Crosstalk manual, pages 29 to 31, sets out instructions on how to make a call "manually" i.e., without using the NEWUSER script file provided with Crosstalk. However, note also that both a dialer prefix and a dialer suffix must be entered prior to the program's dialing of the telephone number as those values are not automatically added as default parameters. Electronic communications were utilized for remote access from my home in Brampton, Ontario to the library records of:

- Wilfrid Laurier University in Waterloo, Ontario,
- York University in Toronto, Ontario, and
- the Chinguacousy library system in the Region of Peel (just west of Toronto). /14/

(The Robarts library of the University of Toronto now

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has a computerized record of their holdings on line within the library. However the records are not yet available for remote access.)

This ability to have remote access to library holdings greatly facilitated the ease and speed of my research as I was able to determine, from my home and at my convenience, the availability and call numbers of particular books or articles.

\*

LETTRIX: GREEK KEYBOARD EQUIVALENCIES TABLE

# **GREEK**

The GREEK typeface contains Greek characters in the place of normal alphabetic characters. Here are the equivalencies:

ABCDEFGHIJKLMNOFQRSTUVWXYZ ABXAE¢FHI3KAMNON¥PZTYYQZƏZ

abcdefghijklmnopqrstuvwxyz αβχδεφγηιζκλμνοπψρστυςωξθζ

!@#\$%&#()\_+;^1234567890-=\ !@¶@?~~()\_-\*\*^1234567890-=\*

-[]":?><^[];'/..." -'?",'\\'!];'".,'

# Greek Keyboard

 $A \Sigma \Delta \Phi \Gamma H \exists K \Lambda \bullet "$ 

" Z Z X V В N M ( ) "

(Hammerlab Corporation)

## APPENDIX D

# LETTRIX: EXAMPLE OF CODED TEXT

### INDEX OF GREEK NAMES

NAME	COMMENTS	SITE	AUTHOR	DATE
\2A[]!AMOU\1	E star 1	Samaria	Lyon	1924
\2A[]!NI[]!\1	KND	Tell Keisan	Halpern-2.	1980
\2KNIDIWN\1				
\2A[]!POLIOS\1	E m9 b	Samaria .	Lyon	<b>- 1924</b>
\2A[]RIDA![]\1	E m2 b	Samaria	Lyon	1924
\2AGA-NYE[]\1	F	Maresha "	Macalister	1901a
\2AGAYITODOROS\1	F m9 b	Maresha	Macalister	1901a
\2AGAYOKLEUS\1	F	Ashdod	Dothan	1971a
\2AGAYOKLEUS\1	F	Jerusalem	Fitzgerald	1929
\2AGAYOKLEUS\1	F m9 a	Jerusalem	Fitzgerald	1929
\2AGAYOKLEUS\1	F	Maresha	Macalister	1901a
\2AGAYOKLEUS\1	F m12 a inverted	Maresha	Macalister	1901a
\ 2AGAYOKLEUS\1	F	Samaria	Lyon	1924
\2AGAYOKLEUS\1	E lily pb \ \2EP\1 & \2IEREWS\1	Samaria	Lyon	1924
\2AGAYOKLEUS\1	F m1 a	Samaria	* Lyon	1924
\2AGAYOKLEUS\1	F m13 a	Samaria	Lyon	1924
\2AGAYOKLEUS\1	F m12 a	Tell Keisan	Halpern-Z.	1980
\2AGAYOKLEU\1C	F	Beth-Shean	Fitzgerald	1931
\2AGEMACOU\1	E fb m9 r rose	Jerusalem	Fitzgerald	1929
\2AGEMACOU\1	E fb m10 r rose	Tell Keisan	Halpern-Z.	1980
\2AGESTRA!TOU\1	E m9 b	Beth-Zur	Sellers	1968
\2AGE!STRATOU\1	E m1	Jericho	Sellin	1913
\2A!GESTRATOU\1	E Hel 1 🛫	Jerusalem	Hazar	1971a
\2AGE!STRATOU\1	E m13 b	Mareshah	Macalister	1901a
\2AGE!STRATOU\1	E m2 b	Samaria	Lyon	1924
\2AGE!STRATOU\1	E Hel l	Tell Keisan	Halpern-Z.	1980
\2AGH[]![]NI\1	E 🕈 rose	Tell Keisan	Halpern-Z.	1980
\2AGHMONOS\1	F r rose	Mareshah	Macalister	1901a
\2AGHSILA\1	F	Mareshah	Macalister	1901b
\2AGH\1C\2ILA\1	E m9 a	Jerusalem	Fitzgerald	1,9,29
\2AGH\1C\2ILA\1	E m9 a paired	Jerusalem	Broshi	1984
\2AGL!OUKRITOU\1	Ē	Beth-Shean	Fitzgerald	1931
\2AGLOUMBROTOU\1	E r rose	Jerusalem	Fitzgerald	1929
	pb\2EP\1& \2IEREWS\1		_	
\2AGLOU!MBROTOU\1	E Hel 1	Mareshah	Macalister	1901a
\2AGORANAKTO\1	F m8 a_	Mareshah	Macalister	1901a
\2AGORANA!KTOS\1	F m1 b	AraqEl-Amir	Lapp	1980
\ 2AGOŘANA!KTOS\ 1	F m6 b	Beth-Shean	Fitzgerald	1931
\ 2AGORANAKTOS\1	F m2 b	Caesarea	Lifshitz	1963

### APPENDIX E

### INDEX OF GREEK NAMES - GEZER: MACALISTER

A[ JA [ ] ΔΑΛΙΟΥ ΑΓΡΙΑΝΙΟΥ ΑΓΑ[ΘΞΑ[ΠΞΟΥ ΑΓΑΘΟΚΛΕΥΣ (ξ) 5 ΠΑΝΑΜΟΥ ΑΓΑΘΟΚΛΕ

Π\*\*\* ΑΓ'ΑΘΟΚΑ
ΕΠ ΙΕΡΕΩΣΙ Α ΓΑΘΏΝΟΣ Helios-head to left.
ΕΠΙ ΑΓΕΣΤΡΑΤΟ Helios-head to left.
ΕΠΙ ΑΓΕΣΤΡΑΤΟΥ ΑΓΡΙΑΝΙΟΥ round rose.

10 ΑΓΗΝ<sub>ε</sub> star above N
ΑΓΡΙΑΝΙΟΥ ΑΓΗΟΙΛΑ
ΑΓΗΣΙΠΠέο
ΕΠ ΙΕΡΕΩΣ ΑΓΗΣΙΠΠΟΥ reversed, round rose.
Επίε αγλουμ ΒΡΟξτου
15 επί αγλουμ ΒΡΟξτου
ΕΠΙ ΑΓΑΟΥ ΜΒΡΟΤΟΥ ΔΑΛΙΟΥ
\* ΕΠΙ ΑΓΑΘΥΜ ΒΡΟΤΟΥ ΣΜΙΚΝΘΙΟΥ]

EΠΙ ΑΓΛΟΥΜΒΡΟΤΟΥ ΥΑ ΚΙΝΘΙΟΥ (2) 20 ΑΓΟΡΑΝΑΚΤΟΣ' ΘΕΣΜΟΦΟΡΙΟ ΑΓΟΡΑΝΑΚΤΟΥ' ΘΕΣΜΟΦΟΡΙΟΥ ΑΓΟΡΑΝΑΚΤΙ ΔΑΛΙΟΥ

ETI ALYONIBBOLON ALLIANION

AFOPANAKTOY' APTAMITIOY a line round margin; the final OY of each word is outside this line.

A ΓΟΡΑΝΑΚΤΟΣ YAKINΘΙΟΥ similarly treated, the OΣ being outside the margin

(Macalister, 1912b:351-2)

<sup>•</sup> The inscriptions are in the alphabetical-order of the principal name. Except where otherwise stated, the stamp is rectangular. The words "in rectangle" mean that a rectangular margin is drawn round the words in the stamp. The division into lines is marked by a short

25 AFOPANA'KTOY AFPIANIOY
AFOPANAKTOY AFPIANIOY in a marginal line; the final OY of the first line
and the Y of the second outside
AFOPANAKTO ΠΑΝΑΜΟΥ
ΑΓΟΡΑΝΑΚΤΟΣ ΠΑΝΑΜΟΥ
30 ΑΓΟΡΑΝΑΚΤΟΥ ΠΑΝΑΜΟΥ
ΑΓΡΙΑΝΙΟ\*Υ (fig. 467, no. 4).

11 ΑΓΡΙανιού

<sup>1</sup> The ΔΕΥΤΕΡΟΥ has evidently been squeezed in at the end of the month Proteons, to make the seal do duty for the intercalary month following, and so to save the trouble of cutting a fresh seal. It is in small letters.

(Macalister, 1912b: 352)

ETI A4\*\*\* AAAIOY A O - ANALOP -35 AOANO AOTOY cornucopia to ight i2i. 201-44-00A **EMINOIOY** EΠΙ AL: NE\*Σ ETI! AINHTOPOS AFPIANIOY ETH AIS XYAINOY 2" 40 AK in monogram, reversed. \* AKPATeogramd நடுக்க est are EAN of OY! But ANIOY ΕΠΙ ΑΛΕΞΙΜΑΝΟΥ ΘΕΣΜΟΦΟΡΙΟΥ AAKIMAXOY 47 A'MOY a star between the A and the fractured edge. The A may be a X. AMYNTA Helios-head to right (fig. 407, no. 7) AMYNTA in encular stamp, sword below thg. 40% no. 8% АНД ЖАТ ОЕСМОФОРГ ETH ANAPIA GEZMO DOPIOY round resc. JOE ETTEL ISALE ANAPIAL AAALOY ETIL ANAPIAL ACIMO CONIOY ANOY a dot above the N. Not Rhodian. SAMOY ETH ANSPIA ETTELLIGIT ANAPIA! APTEMITION DATE 55 ETT ANAPIAL APPIANION ETTI AND PIA YA KINGIOY

ETI ANAPHA! TEAALEITNIQY

EΠΙ ΑΝΔΡονεί ΚΟΥ ΒΑΔΡομι ΟΥ<sup>1</sup>

ETIL ANAPONETTOY IS APPLAMITION

60 (ΕΠΙ ΑΝΔΡΟ ΝΕΙΚΟΥ ' fillegible'

ETI ANDPONEIK' APTAMITIOY

ETI ANAPONEIKOY APTAMITIOY

ETIL ANDPONIKOY (SEC) DANIOY

ΕΠΙ ΑΝΔΡΟΝΙΚΟΥ ΔΑΛΙΟΥ round rose.

55 ΕΠΙ ΑΝιδρονεικου! ΔΑΛΙΟΥ round Helios-head.

ETI ANAPONIKOY (36) YAKINGIOY

ETI ANAPONIKOY KAPNEJOY

ANEYE

ANT[

70 ANΩNOY reversed, sword below

IEPEYΣ AΠ\*\*\*ΔHC N\*\*aMANTO round rose.

ΥΟΙΛΑ**Δ ΥΟΠ\*\*\*\*\*** ΙΠΕ

ΑΡΑΤΟΦΑΝΕΥΣΙ31

EΠΙ ΑΡΑΤΟΦΑΝΕΥΣ [ΣΜΙΝΟ[ΙΟΥ] round rose.

75 ΕΠΙ ΑΡΑΤΟΦΑΝΕΥΣ APTAMITIOY round rose.

(Macalister, 1912b: 353)

<sup>&</sup>lt;sup>1</sup> The stamp is complete in this case, but the missing letters had been cut or proken from the original seal.

```
ΕΠΙ ΑΡΑΤΟΦΑΝευς παναμου round tosc.
  . APETAS
                 *124 L
        API'
   EΠΙ A PIΣΤΑ Helios-head to left.
So EIII Apart**** HANAMOY round rose.
   ΕΠΙ Α ΡΙΣΤΆΚΟΥ ΒΑΔ ΡΟΜΙΟΥ
   ETI APIST AKON APTAMITIOY
   ETI APIS TAKOY APTAMITIOY
   ETI APIZTA'KOY APTAMITIOY
 APIΣT APXOY a star in each corner and one above the middle of the name (2).
   ELL ABIZZEITA, TAVIOA
   ΑΡΙΣΤΙΩΝΟΣ (4)
   ΕΠΙ ΑΡΙΣΤΙΩΠΝΟΣ! ΠΑΝΑΜΟΥ
40 ETI APISTOICENEYS! SAAIOY 121
   ETI A PISTOF ENEYS APTAMITIOY round rose.
   ΕΠΙ ΑΡΙΣΤΟΔΆΜΟΥ BAT POMION round rose: a seal with ΙΠΠΟΚΡΑΤΕΥΣ
       associated with this.
   EΠΙ ΑΡΙΣΤΟΔΑΜΟΥ ΣΜΙΝΘΙΟΥ round rose.
   APINTOKAEYN found rose (5).
   APIZTOKPATEYS a star in each corner of the seal.
   APIETOKPATOY
   APIXTOK PATOY
   ETT APIS TOMA + OY OAR ST SMINOLOY
   ETH APIZTOMANOY YAKINOIOY round rose.
100 A PISTOE ENOY round rose.
   APIETOY
   APIZTO CANEY I round rose.
   ETTL APMOC 14
   ETTL APMO (INA
107 ETIL APMO-IAA
   EΠΙ ΑΡΜΟΣΙΛΑ ΔΙΟΣΘΥΟΎ round rosc.
   ΕΠΙ ΑΡΜΟΣΙΛΑ ΔΑΛΙΟΥ
   ΕΠΙ ΑΡΜΟΣΙΛΑ ΣΜΙΝΘΙΟΎ
   APOT t
           ]! (
110 'APTAi' round rose.
   'APTAMITIOY round fose.
   ETTI APXI YAKINOS seal smudged.
   ere as XEM BPIOTO v round rose.
   EΠΙ ΑΡΥΕΜΒΡΟΤΟΥ ΘΕΣΜΟΦΟΡΙΟΥ round rose.
117 ETTL APXEM SPOTOY BAAPOMIOY
   ETI APXEMIBPOTOY JAMIOY
   ETTL APXEMBPOTOY [DAA]!OY round, rose, reading outwards.
   EΠΙ ΑΡΧΕΜΒΡΟΤΟΥ ΣΜ!ΝΘΙΟΥ round rose.
```

(Macalister, 1912b: 354)

<sup>1</sup> The faint traces remaining are not consistent with the restoration APTAMITIOY.

```
ΕΠΙ ΑΡΧΕΜΒΡΟ ΤΟΥ ΣΜΙΝΘΙΟΥ icversed.
120 ETTL APXEMBPOTOY EMINOIOY
    ETTL APXEMBPOTOY APTAMITION round tosc.
    ETH APXEM BPOTOY' APPLANIOY :
    ETH APKE MSPOTOY AFPIANIOY
    ETI APXEMBPOTOY APPIANIOY
125 ETTL APXEMBP YAKINGIOY
    ETTI APXEMBPO' YAKINGIOY
    ETI APXEMBPOT YA KINOLOY
    ETI APNEM BPOTOY YAKIN GIOY
    ETT. APXEMBPATOY (SA.) YAKINGIOY round rose, reading outwards.
JOSEPH APREM BROTOY TIANAMOY JE
    ETI APXE MBP OTOY! T'A N'AMO Y!
    ET! APXEMBPOTOY' TANAMOY 3"
    ETIL APXEMBPOTOY TIANAMOY round rose, reading outwards.
    ΑΡΥΕΠΟΛΕΩΣ
1;; επι αρ XHM Βροτου! παν AMOY (doubtful)
    EΠΙ ΑΡΧΙΣΤ *M**Y' ΣΜΙΝΘΙΟΥ
    EΠΙ ΑΡΝΟΒ***** Δ'ΑΛΙΟΥ in minute characters.
    EΠΙ ΑΡΝΟΚΡΑΤΕΥΣ YAKINΘΙΟΥ round rose.
    EΠΙ "" APXOΣ A: minute letters, worn.
              i AFPIANIOY round rose. There is room for 7 letters in the blank,
Has AE
        which have never been impressed.
    Α"Σ*""Α' ΘΕΣΜΟΦΟΡΙΟΊ
    ETTI AZ" ""HAEYZ" ZMINOIOY
    ACFIACIA (ALOCOYOY found rose.
    ASTY Helios-head to left.
14% ETH ACTYMH APPLANTOY round rose.
    ETI AZTYMHZEYZ AFPIANIOY
    ΑΦΡΟΔΙΤΟΥ
    έπι Α΄ Χος Δαλιόγ
    **AX ***OY TANAMOY
THE ETTIME AV OY ANALOY
    «ΧΥΡΟΥ (ΕΣΜΟΦΟ a key below.
    A** WN B***
           JFFL
                     in a heart-shaped stamp.
    ЕПΙ
   If \Gamma \alpha (or \eta) + 10 and rose.
*** FOA** $Y' AFPIANIOY smudged.
    \mathsf{E} \mathsf{\Pi} \mathsf{L}^{\mathsf{T}} \mathsf{FOPF} \mathsf{QNO} \; \Sigma^{\mathsf{T}} \; \Delta_{\mathsf{L}} \mathsf{AAIOY}
    3Π1 γοργωνος ΒΑΔΡ<sub>ε</sub>σμουξ
    ΕΠΙ ΓΟΡΓΩΝΟΣΗ ΔΑΛΙΟΥ
    EΠΙ ΔΑ** *** αμΙΤΑΜΙΤΙΟΥ
 40-ΔΑΛΙΟ in a heart trig: 467, no. 201.
    YOIVY TERRESE
    VAVIOA
    AAAIOY! AAMO[AIKIOY
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(Macalister, 1912b: 355)

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ΔΑΜΙΙ NIKACI YKPA reversed. Not a Rhodian handle (fig. 467, no. 12).
165 ETH AAMO OEMIOS
    ETI \DeltaAMO\PhiEMEO\Sigma^{1} TANAMOY (fig. 46%, no. 13).
    ΕΠ ΙΕΡΕΩΣΙ ΔΑ ΜΟ ΚΛΕΥΣ
    ΔΑΜΟΚΡΑΤΕΥΣ round rose (11). One of them with additional stamp 104 and
         another associated with the KAEKPATEYE stamp.
    _{i}\Delta A[MOKP\lambda_{i}TEY'\Sigma] round rose, reversed.
170 AAMOKPATEYS! TAT reversed; anchor below. The letters TAT are under the
         end of the name. They are very faint; no trace of other writing.
    'AAMOY
    DATE with anchor (fig. 467, no. 17).
    △ AT :10****
    ΘΑCIΩN<sup>1</sup> ΔΙΑΡΟΟΥ (2). Fig. 467, no. 6.
175 AIFOINYCICI MANITOC inside a rectangle with a line between the two lines
    ΕΠ ΙΕΡΕΩΣ ΔΊΟΙ ΚΑΕΥΣ ΔΑΛΙΟΥ
    ΔΙΟΝ**** reversed.
    AIONY CIOC
    ΔΙΟ NYΣΙΟΥ round rose.
180 Alony Creversed (not Rhodian). Fig. 467, no. 1.
    ΔΙΟΣΘΥΟΥ round rose.
    ΔΙΟΣΘΥΟΥ round rose.
    AIOY : 31
    ΔΙΟΦΑΝΤΟΥ conventionalised Helios-head at both ends (17).
185 AIEKOY 31
    Δ1ΣΚΟΥ Helios-head to right (2).
    ΔIΩN Helius-head to left.
    ^{\prime\prime}\Delta^{***}NOY tound tose.
    ΔO***PΣA !: [second line illegible].
190 APAKONTIAA anchor below (10).
    ΔΡΟΚΑΣΙΣ: ΥΑΚΙΝΘΙΟΥ
    Δ σ***·
    ***** Δ WPO
    ΔΩΡΟΘΕΟΥΙ3Ε
165 ΔΩΡΟΘΕΟ! ΤΟΥ ΜΩΓΗΤ (fig. 467, no. 10).
    **** A OPOY **** a figure like a palm-tree (but possibly a Helios-head)
         between the 0 and Y.
    EΠΙ E**** ΔΑΛ Λου υα Κίμθιου reversed.
    EΠΙ E**! ΔΗΤΟΥ TN*** Υ
    EΠ1 **EIOΣ**KAEOY** round rose. Badly stamped.
200 *EAANOS
    EN\Delta\epsilon^{***}O\Sigma round rose.
               JEYPYΣ not a Rhodian handle. Probably there is not more than one
         letter missing from the beginnings of the lines: they are lost not by fracture,
         but by a failure of the stamp to impress them.
    EΠ ΙΕΡΕΩΣ ****ENOΣ round rog
    ETTI *****EE[ round rosc.
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(Macalister, 1912b: 356)

٠J

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201 ETILONOY
    EMICONOY BAAPOM
    EΠΙΦΡΑΤΕΥΣ a star m euch conner
   | ΕΠΟΓΕΝΕΥΣ | caduceus below
    EPM [the whole inscription]
               Y reversed.
LID EPMONOS
     YOLUNIMZ YE
    EYA
             CNO
    ETIL EYAA MOY
    EYAO seversed.
    EYKAEI/TOY with caduceus (25). One found belonging to a jar also stamped by
         "alasagoras. In one specimen the name was in one line.
    EMIEPERS EYM *** YOY round tose.
    ETI EY YAEYE
    TYKPATIAA [second line broken].
... ETT EYKPATIAA YAKINOTOY round rose.
    ETI EYKRAT AA TIANAMOY
    ETI EY DANEYE" AFPIANIOY
    EYΦPA NOPOΣ Helios-head to left.
    EYΦP AN ΩΡΟΣ round Helioschead (3)
🚅 ΕΠΙ ΕΥΦΡΑ ΝΟΡΟΣ
    EYOPONO
    Z'M****OY: on the side IC in a small square stamp.
    ETTI TEPE/OC 77 PONOC a star to left. Fig. 407, no. 5.
    HΔC OΠA very doubtful: large coarse letters.
230 ηδε ΟΠΑ
    ETTI HAMNOZ! DANIOY
    HPATAP in a rectangular panel Pabbieviation for HPAKAEITOY APTAMITIOY).
    **** HTIAH Helios-head to left.
    ΕΠΙ ΘΑΡ ΣΙΠΟΛ
ΦΩ ΕΠΙ ΘΑΡΣΙΠΟΛΙΟΥ ΑΓΡΙΑΝΙΟΥ
    EΠΙ ΘΑΡΣΙΠΟΛΙΟΦ (sta) YAKINGIOY round rose.
    ETH \Theta AP \Sigma ITTO A IOY! YAKINOIOY the \Theta' and \Theta' svery minute.
    OEM******
    ØEO***
240 OEO DUP OF GEY DAIL OLOU!
    OECMOOPI'OY OEOK! [last line badly stamped and quite illegible]. The name
         of the month reversed, the OY in the second line being at the right hand
         of the line and reading backwards (thus OEOK YO).
           OEOY upper line illegible. Two lines on a seal ridged longitudinally, like
         the roof of a European house.
    ETI,
               OEO v va KINO (100)
    GEOY YAKINGIOY
 245 EUI GELZANZ LOA, AKINGIOA
    ΕΠΙ ΘΕΣα ΓΟΡΟΣ
    ΘΕΣΜΟκιιΟΥ
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(Macalister, 1912b: 357)

O

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ΘEΣMO™PITOC
    ΕΠΙ ΘΕΣΤΟΡΟΣ ΣΜΙΝΘΙΟΥ
250 DEYLAM OF APTAMIT [OF]
    ΘΕΥΔώΡΟΥ ΠΑΝΙΑΜΟΥ
    EΠΙ ΘΕΥ ΔΩΡΟΥ Helios-head to left.
    ΘΕΥΣΤ «ΕΡΙΘΕ YAKINO round rose: the month-name in smaller letters.
    \Theta \in \Omega re\mu in panel.
255 Θ*1ΔωΡοC in a circle round a central boss (fig. 467, no. 24).
    EΠΙ ΘΡΑΣΥΔΑΜΟΥ: ΠΑΝΑΜΟΥ in very minute letters.
    ETI JACIKP ATEYC
                  JAL
                             ÔΥ
    1EPOTEΛΕΥΣ in a circular stamp, boss in centre (fig. 467, no. 3).
200 IEP\OmegaNO\Sigma with caduceus (2).
    ETH IEPQNOS APAMITIOY (sic) round rose.
    ΕΠΙ ΙΕΡΩΝΟΣ ΠΑΝΑΜΟΥ
    IMA in large hold letters with caduceus.
    ΕΠΙ τμα Λέκτι ΠΑΝαμου
265 INFONOS in a rectangular panel.
    ΙΠΠΟΚΡΑΤΕΥΣ round rose: found along with a seal of Aristodamos.
    1\Sigma 10\Sigma stamped across the handle: not Rhodian.
    ΕΠΙ Κ<sup>ΒΑΘΑΑΑ</sup> ΣΜΙΝΘΙΟΥ
    TCTPOY
270 ETI
              ĭ KA
                        ' Helios-head to left.
    KA******* KAPNETOΣ round rose.
    K-APPAL APTAMITION
    EΠΙ ΚΑΕΚΡΑΤΕΥΣ (Stell APPIANIOY round rose: in addition a small square
         stamp bearing a rose on the side of the halidle.
    KAINOY
275 ETTI KAAALKPATEYS SMI'ROW'
    ETH KANAIKPATIAA round rose.
    ETTI KANAIKPATIAA APTAMITIOY round lose.
    ETTI KAAAIKPATIAA APPIANIOY round rose.
250 ETI KAAAIKPATIAA! TANAMOY
    ETH KAAAIKPATIAA TIANAMOY founds a circular stamp, with no decree in the
         centre.
    ίεπ' ΚΑΛ λιΚΡΑΤ
 KAMΩNOΣ a sword below (3).
    KA\Sigma I\Omega NO\Sigma round rosc.
285 KEPI in remarkable minuscular letters (fig. 467, no. 28).
    KINOY TXOY [
    K\Lambda^{********} round rose.
    ETIL KAE APXOY in rectangular panel, the second E outside.
    ΕΠ ΙΕΡΕΩΣ ΚΛΕΑΡΧΟΥ
290 ETI KAEAPXOY AFPIANIOY round rose.
    ****! KAEA (for }KAEA).
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(Macalister, 1912b: 358)

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ETT KAE IN KPA TELYI LYA KLINOJOY
    **** KAEY
    KAEY\Sigma^{**, \pm 3.5 \pm 5}O^{3.5} round rose.
295 **** ΚΛΕΩ rose to left.
    ETTI KNHNOTPATOY YAKINOIOY round Helioschead.
    KOM
                         🖯 ευδαισιου
               CK.
             ΠΑΝ αμυι
    KP,
   KPA ΔΩΝΟΣ reversed, sword below (2).
HOC KPATEYE GEEMOGOPIOY
   ETIL KPATILA TELAFETINYO (2)
   EPEONTUY MANAMOY
    K ZAN OY wakindioy
   L IV (this is the whole inscription).
30; AIΠ (the whole inscription).
    AMHZOAZ ZAVIOA
   L NY OY 11 (19. 407, no. 2).
   ACI reversed (the whole inscription).
   ΕΠΙ ΛΥΚΑ ***NIKA ΣΙ ***NOY mot Rhodian).
      AONIOY reversed (the seal has failed to make an impression of the top line).
    AWNIOY reversed.
   ETTI ME SEE AANTOY
   MAPSYA SMINOIOY (2)
   MAPSYA! AFPIANIOY
315 MENEKPATEYS 41
   MENE IE - POI
   MENWNOC BEYARICIU'S
   MENWNOC MANAMOY
   MEP TE TA CEIT
120 MH on a small thin jar-handle: the whole inscription
   MIDA cadaceus under, rose to right (a): a stamp of Arkhembrotos was also on one
        of these jais.
   MIDAY AFRICATIONS
   MIKYOY GEYAAISI
   MIKYGOY ZIOZGYOY
325 EUI WALLOAZ . THE OIOAZ
   ETI MYTI WNOC
   ΕΠΙ ΜΥΤΙΩΝΟΣ' ΔΑΛΙΟΣ
   ΕΠΙ ΜΥΤΙΩΝΟΣ ΥΑΚΙΝΘΙΟΣ
    " "MEI AAZ 16se above.
JO NANIOY
    N-EIA DE YAKINOL
    NEYS EMINOIOY
   NIKATIAOE 2
   NIKATAT
333 ett i IKAE [ayupal
   ETH MIKAZAF round rose. On additional stamp O.
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(Macalister, 1912b: 359)

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[EΠΙ ΝΙΚΑΣ ΑΓΟΡΑ ΘΕΣΜΟΦΟΡΙΟΥ round rose.
   ΕΠΙ ΝΙΚΑΣΑΓΟΡΑΙ ΘΕΣΜΟΦΟΡΙΟΥ
   ΕΠΙ ΝΙΚΑΣΑΓΟΡΑΙ ΔΑΛΙΟΥ (5)
340 ΕΠΙ ΝΙΚΑΣ ΑΓΟΡΑ' ΔΑΛΙΟΥ
   ETTI NIKA SAFOPA! AANIOY
   ΕΠΙ ΝΙΚΕΣΑΓΟΡΑ ιδιοί ΔΑΛΙΟΥ
   ETI NIKAZA TOPAL ZMINOIOY (3)
   ETI NIK ASA TOPA T SMINDIOY
345 ΕΠΙ ΝΙΚΑΣΑΓΟΡΑ ΣΜΙΝΘΙΟΥ round rose (±h=
   ETI NIKASA FOPA: APTAMITIOY'S
   ETILNIKASAFO PA! APTAMITIOY in panel.
   ΕΠΙ ΝΙΚΑΣΑΓΟΡΑ ΑΓΡΙΑΝΙΟΥ »
   ETTI NIKASAITOPAI AEPIANIOYALI
350 ETH NIKASAFOPA YAKINOIO round Helios-head.
   EMI NIKAZATOPA Y, AKIN'OIOY round rose.
   EΠΙ ΝΙΚΑΣΑ ΓΟΡΑ ΥΑΚΙΝΘΙΟΥ (†)
   ETI NIKAZA YAKINGIO
   ΕΠΙ Νικασαγορα φιλαΝΙΟΥ round rose.
355 ETI NIKAZA FOPA TIANAMOY (11) (fig. 467, no. 22).
   ΕΠΙ ΝΙΚΑΣΑΓΟΡΑ ΠΑΝΑΜΟΥ
   ETI NIKAΣΑΓΟΡΑ ΠΑΝΑΜΟΥ round rose.
   NIKAZAFOPA MANAMOY DEYTEPOY reversed.
   ΕΠΙ ΝΙΚΑΣΑΓΟΡΑ ΑΓΑ ΘΕΡΟΥΔΟΥ on an associated stamp ΠΑΝΑ ΜΟΚΘΥ
300 ETI NIKANATOPA TETATEITNIOY round rose (2). On one of the specimens
        an additional stump PK in monogram, reversed.
    επι νικ ΑΓΑ [ γορα]
                          OY
    ΝΙΚΑΣΙΜΑΧΟΣ
   NIKAZIONOZ round rose.
    NIKIA in large letters.
305 EΠΙ ΝΙΚΩΝΟΣ round rose.
    N1^{******}ONO\Sigma in a rectangle.
    ####**NOΣ K(ιδεή)EIΣThou ε round rose, the second word in small r letters.
    NOY YAKI[\nu\theta\iota\sigma\nu] reversed, round rose.
    IN** Y YAIKWOIOY
                 ΙΟΥ [φιλ]ΑΝΙΟΥ
370 (E)AN [
    ] EAP
               ]ΟΥ [φιλ]ΑΝΙΟΥ
    EENOPIMOY
   EΠΙ ΞΕ NOΣΤΡΑ reversed, Helios-head to right.
   EΠΙ ΞΕΝΟΦΑΝΕΥΣ' APTAMITIOY "
375 ETI EENO DANTOY
    EΠ [ΞΕ] NOΦΑ NTO Y Helios-head to left (fig. 4/7, no. 16). Another specimen
        without the Helios-head.
    ]010[
    OAYMINOY torch to right.
    ΟΛΥΜΠΟΥ rose to right.
380 JOMAXOY MANAMOY round rose.
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(Macalister, 1912b: 360)

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OMAXOY MANAMOY DEYTEPOY round rose.
     ONATIOIKOY :
      ONO
     ΕΠΙ **ONOΣΥ A ρταμιτιο Y round rose.
 385 OXIA round rose.
                YA Kurdior?
     ΠΑ "ION KAPNEIOY in a fanel of oblique lines.
     ΠΑΝΑ in heart-shaped stamp like Fig. 407, no. 2 (2).
     ΠΑΝ αμών ΔΕ υτερών crossed by short oblique strokes.
 300 MAYEANIA
     EIII HAY ZANIA in a rectangle. Helios-head to left.
     επε πα VΣΑΝΙΑ ΒαδρΌΜΙΟΥ
     ETI TAY ZANIA ZMINOLOY
     ETI TAY SANIA APTAMITIOY
 395 ΕΠΙ ΠΑΥΣΑΝΙΑ ΥΑΚΙΝΘΙΟΥ
     ΈΠΙ ΠΑΥ ΣΑΝΙΑ ΠΑΝ ΑΜΟΥ] round rose.
     ΠΑΦ1 in large letters: not a Rhodian handle (fig. 467, no. 19).
     ΕΠΙ ΠαχιΚΡΑΤΕΥΣ [ΑΡΤΑΜΙΤΙΟΥ
     ΕΠΙ ΠΕΡΥΌ
405 ΠΙΡ*οΓιΝΟΣ caduceus below. (The first letter might be H.)
    \pi \omega NY \lambda \alpha \rho MOY a star above the YX.
    πολυΧΑΡΜΟΥ: not a Rhodian handle.
    ΕΠΙ ΠΡΑΤΟΦΑΝΕΥΣΙ ΠΑΝΑΜΟΥ round rose.
    ΕΠΙ ΠΡΑ τοφαν ΕΥΣ ΠΑ ναμου]
405 ΕΠΙ ΠΥΘΟ ΔΩΡΟ ΑΡΤΑΜΙΤΙΟΥ
    ΠΥΘΟΓΕΝ*** round rose.
    PA*** ** OA ZIAN (fig. 467, no. 1,1).
    EIII [PA \sim \Sigma T I A P X_0^{\dagger} \Sigma = \Delta A_0 \lambda \omega v] in very minute letters.
    *PE * A : AIK *
410 ET ..
              PE
                      K A
    POARNOZ a sword above (2).
    POY |
               ĴΥ
    PYCH round circular centre without device.
415 | EAPAN** Helios-head to left.
    ETI *** SA XEPA' APTAMITIOY
    EATYPOY not Rhodian.
    \Sigma A\Omega E? round rose.
    ETII ***. ZEMOXOY! YAKINDIOY
420 EIMOY
    EΠΙ **** ΣΙΜΥ' ΔΑΛΙΟΥ
    επι σι Mul Al rovi APTAM(ιτιου
    ETTI CIMY AINOY
    ΣΙΡΙΟΥ: not Rhodian (fig. 467, no. 14).
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<sup>1</sup> Not APATOΦANEYΣ.

(Majcalister, 1912b: 361)

1

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425 | EMINOLION
    σμινθισ v round rose.
    ETH Z OOLSKPATOY
    EUI *** ZOY HE74. LEILNAOA
    *ΣTi round rose.
430 EΠΙ Σ***Y APTAMITION
    ΕΠΙ ΣΥΜΜΑΧΟΥ ΘΕΣΜΟΦΟΡΙΟΣ
    CYK on a wide rather flat handle of compact reddish ware (fig. 467, no. 17).
    ΕΠΙ ΣΩδαΜΟΥ ΥΑΚΙΝΘΙΟΥ
    EΠΙ ΣΩΔΙΜΟΥ YAKINY reversed, round rose.
435 ΣΩΚΡΑΤΕΥΣ torch to right (10).
    SOKPA AFPIANI
    ΣΩΣΙΛΑ in large bold letters.
    ΣΩΤΗΡΙΧΟΣ round flying bird (4).
    Επι Τί
              nound rose: additional stamp (e).
440 TANWNOC' MANAMOY
    [TI∆A [
             ∵OY
    TIMAKPASEYS
    ETI TIMAZAFOPA BAAPOMIOY
    TIMOOEOY found rose (4).
   ETI TIMO \theta \epsilon \omega \nu Helios-head to left.
    ΕΠΙ ΤΙΜΟΘΕΥΣ' ΘΕΣΜΟΦΟΡΙΟΥ
    EΠΙ ΤΙΜΟΘΕΟΥ ΘΕΣΜΟΦΟΡΙΟΥ round rose.
    ETI TIMOOEOY AAAIOY round Helios-head (2).
    ΕΠΙ ΤΙΜΟ ΘΈΟΥ ΔΑΛΙΟΥ
450 EΠ ΙΕΡΕΩΣ ΤΙΜΟΚΛΕΑ round rose, reversed.
    EΠΙ ΤΙΜΟΚΑΕΙΔΑ APTAMITIOY round a trident with a streamer on the tem.
      . Fig. 4/7, no. 9.
    TIMFOKPATEY∑ round rese.
    TIMOZENOY round rose on. One with additional stomp [10].
    ΕΠΙ ΥΙΣΑΓΟΡΑ ΠΕΔΑΓΕΙΤΝΙΟΥ
455 EΠΙ ***ΤΟΡΟΣ | i
        TPATOY
                        10 %
    ETTI Ti
               PASMI
    EΠΙ *TYMπ** * round rose.
    EΠΙ Τ**ω|A**ΓΜΙ*ΟΥ APTAMITIOY
440 valKINOIOY round rose.
            ) YO<sup>f</sup>
    ΪΥΦΡΙ
                       10 Y
    EΠΙ ****ΦΑΝΟΥ round rose.
    ΦΙΛΑΙΝΙΟΥ (3): one with caduceus before the name.
    ΕΠΙ ΦΙΛ ΝΙΔΑ Helios-head prefixed to first line.
405 ΕΠΙ ΦΙΑΝΙΔΑ (2). Different stamps, though lettering disposed the same ways
    φιλοΞΕΝΟΥ round rose.
    XAMOC round rose. The seal is much chipped, but there never were any other
        letters: all are, however, uncertain except the X.
    ΕΠΙ ΧΑΡΜΟΚΛΕΥΣ
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(Macalister, 1912b: 362)

ETI \*\*  $(X\Theta : A\Delta A)$   $\alpha \gamma \rho (ANIOY)$  470 ]  $\omega NO\Sigma$ , anchor below. The  $\omega$  doubtful.

TH with something undecipherable underneath. (Fig. 467, no. 25.)

Thegable rfig 407, no. 180

those and caduceus in rectangular stamp without inscription (5).

A pattern of agaigs, without inscription (fig. 457, no. 24).

477 A lose without inscription (fig. 467, no. 27).

A quality-mark (\*) with characters resembling the Hebrew letters 87 (fig. 467, no. 25).

Although the handles here enumerated are foreign intrusions, as few notes on the foregoing list will not be out of place. The preponderance of certain names will be noticed—of the governors Arkhembrotos and Nikasagoras, and of the energetic merchant Eukleitos, whose wares have been found far and wide over the Eastern Mediterranean basin. The happy accident of the discovery of one pair of jar-handles fitting together on to one amphora shewed that Eukleitos worked under Nikasagoras, and thus we have an explanation of the especial frequency of the latter name. A large proportion of the jar-handles with this name were found in the Maccabaean Castle.

As a rule the merchant's name occupies one stamp, the governor's, with the month, the other. The governor's name is distinguished by the prefixed preposition  $l\pi r$ , in the case of HAYEANIA, which is found both with and without the prefix we are probably to understand two persons, one governor, the other merchant. The increhant Agatheroudos, however, placed his name with the governor's, and had the month alone on a separate seal; he appears twice, under Nikasagoras and Aristakos. Probably the seal with 'Appearôve alone on it belongs to him; it has a star in the same place as his seal of the month l'anames [Deuteros?], which is on the same jar as that bearing the name of Nikasagoras. In the same sense is to be understood the name lg, we, found on one of the Andria handles, and that of N. manto, which belongs to the eponymy of a priest Ap...des.

The last named is remarkable for the omission of the preposition and the use of the nominative case throughout. Usually the priest-names are prefixed by the formula  $i\pi^2$  [not  $i\phi$ ]  $i\epsilon\rho\epsilon\omega$ : in one case we find  $i\pi^2$   $i\epsilon\rho\epsilon\omega$ .

The majority of the handles come from Rhodes; but it is interesting to note that a much larger proportion than in the Tell Sandahamah series have a different provenance. Two—nos. 6 and 11 in the figure—are indicated as from Thases; it is regrettable that both of these are much injured. There is another small series of flat handles of red ware—a strong contrast to the Rhodian cylindrical handles with a dark cream-coloured slip—bearing an inscription usually transverse across the upper attachment. Such a handle is fig. 467, no. 1, with the inscription reversed: \( \Delta \text{IONYC} \), in this case the stamp is not transverse. Similar handles are those bearing the long inscription, which I do not understand, no. 12: and those inscribed ICIOC, IDOAY XAPMOY, \( \Delta \text{TYPOY}, \( \Delta \text{IMOY}, \( \Delta \text{PIOY}, \text{TEYOTEAEYE}, \quad \text{ANOY}.

#### APPENDIX F

## INDEX OF GREEK NAMES - JERUSALEM: MACALISTER

For following is a fist of the inscriptions on the handles of Rhodian and other same-pars found in the executation. When not otherwise stated the stamp is rectangular? In small vertical stroke separates the lines of the miscription. The heraldic terms of death at itowards the spectator's  $\lambda / n$  and smister towards his eight are used to avoid ambiguity.

Restored letters are contained in square brackets, in capitals when they are ill-stamped, in minuscules when they are broken or chipped from the handle. Asterisks denote letters which fainted by restored with certainty

The abbreviation r r. = round rose is to be understood as meaning remember or oval stamp, the insemption running round the margin a rose in the entre. "Reversed" denotes that the inscription appears as though reflected in a mirror being ensured direct on the scal used in stamping.

EUI.Y ETILAL \* \* ு சுசுக(MITIOY ETI A \* \* \* \* IJAMOY AFAOOKAEYS A FEEL LA DEPARTA ACOPANAKTOY! KAPN EIOY ΑΓΡΙΑ ΝΙΊΟΥ! ΑΓΑΘΟΚΛΕΥ HANAMOY! AFAIRIOKAE ETH ACE MAXOY Herschend to desta ΕΠΙ ΑΓΕΜΑ ΧΟΥ ΔΑΛΙΟΥ ETI ACEMA'XOY! YAKINGIOY ETI AFEMAXOY TANAMOY ALEXT MATOR 11-11 - 1 10118 ETI ATE CTPATOY mer in in the market and the contract attention elen tem. ΈΠΙ ΑΓΕΣΤΡΑΤΟΥ! ΑΡΤΑΜΙΤΙΟΥ ETERNIE'STPATOY' APTAMITIOY

```
ETI ACEXTPATOY ACPIANIOY
ETI AL ... "TPATOY HANAMOY
ETIL ALL EXTRATOY DANAMOY
EΠΙ ΑΓΕΣΤΡΑΤΟΎ KAPNEOY st.
ETI ATE -- TANAMOY AEY TEPOY --
ΑΓΗΣΑΡΧΟΥ
ΕΠΙ ΑΓΗΣΙΠΟΥ ΑΝΕΙΕ
                        ermani - a
ΕΠΙ ΑΓΗ ΣΙΠΠΟΥ
                    Here - head to desite.
ΕΠ ΙΕΡΕΩΣ ΑΓΗΣΙΠΠΟΥ Ευναικού που σ
                                         Littly for -
ETILATA "OF MBPOT | "OF
ϝͼπεικ'ΓΛΟΥΜ'¦βωστ]ΟΥ'ͺͺ
ΕΠΙ ΑΓΛΟΥΜΒΡΟΤΟΥ ΠΑΝΑΜΟΥ
ETI AFAOYMBPOTOY KAPNEIOY
AFOPANAKTO: YAKINGIOY
ΑΓΟΡΑΝΑΚΤΟΣ! ΠΑΝΑΜΟΥ
AFOPANAKTOS: KAPNEIOY
ΑΘΆΝΟ ΔΟΤΟΥ
                  cornucopia to sinister
ΕΠΙ ΑΘΑΝΟΔΟ ΤΟΥ ΔΑΛΙΟΥ
ΕΠΙ ΑΘΑΝΟΔΟΤΟΥ ΣΜΙΝΘΙΊΟΥ
ETIL AGANO AOTOY HANAMOY
ΕΠΙ ΑΙΝΗΣΙΔΑ ΜΟΥ Ι ΔΑΛΙΟΥ
ETI ALCOHOLIAMOY APTAMITIOY
ΕΠΙ Α[ΙΝ]ΗΣΙΔΑΙΜΟΥΙ ΥΑΚΙΝΘΙΟΥ
EΠΙ ΑΙΝ'ΗΤΟΡΟΣ - the major cersed as indicated. - There's head to digitive
Land THTOPOC
ETIL AINI---TOPOC
                    star to dexter.
EΠΙ ΑΙΝ[»] ΤΙΟ PO]. ΑΡΤ[αμιτιου]
EΠΙ (AINH)ΤΟΡΟΣ: ΠΑΝΑΜΟΥ ... 2 emaing/a
ETI A IZCXY AINOY
ΕΠ ΙΕ[ΡΕΩΣ]: [Α]ΙΣΙΧΥΛΙΝΊΟΥ Ι ΘΕΣ[ΜΟΦΟΡΙΟ Υ
tere a IΣ'[χυνω]ΟΥ' [
                       TY
ΑΚΤΩΡΩΊΝΟΟ
                caduceus below.
AMYNTA
           th a draight time crossing a circular stamp of shoot under the
   ime of writing.
AMYNTA
          - - m a réctangulai - tamp. 12 e tampér -
AMYNTA
           Helm head to simster.
AMYNTA
          - weath to ani-ter#
ANA * * * * AA
ANAPIMOY
              caciurens bearen.
ANTIMAXOY
                            = example-
ANTIMAXOY
              cadulates above.
                             4 champles.
```

(Macalister, 1926: 204)

```
ETI AINTIMAIXOYI KAPNEIOY
ETIL AT SEMAXOY TANAMOY
ΑΠΟΛ'ΗΞ
            in a chemar stamp met Rhodian
ΕΠΙ ΑΡβατοφα (ΝΕΥΣ ΞΜΙΝΘΙΟΥ 1940 1941
ΕΠΙ ΑΡΑΤΘΦΑΝΕΥΣ ΣΜΙΝΘΙΟΥ
EΠΙ APATO ΦΑΝΕΥΣ' APTAMITIOY
[επι αματοφ]ΑΝΕΥ[.... \
ΕΠΙΔΑΡΑΤΟΙΦΑΝΕΥΣΙ ΑΓΡΙΑΝΙΟΥ
ETHAPjurobavevs vak JINOIOY
ΕΠΙ | αρατυφα | ΝΕΥΣ' ΥΑΚΙΝΘΙΟΥ
ΘΕCΜ[αφυριου] APIC[
APIXTAPXOY
               star in each corner of stimus
ΕΠΙ ΑΡΙΣΤΕΙΔΑ
ΕΠΙ ΑΡΙΣΙΤΕΙΔΑ
                 Helios head to dexter.
ΕΠΙ ΑΡΙΣΤΕΙΔΑ ΘΕΣΜΟΦΟΡΙΟΥ
ΕΠΙ ΑΡΙΣΤΕΙ ΔΑ ΘΣΜ
[θεσμ]ΟΦΟ1 [αρισ]ΤΕΙΔΑ
                       star to smister.
[επι αρι] ΣΤΕΙΔΑ ΔΑΛΙΟΥ
ΕΠΙ ΑΡΙΣΙΤΕΙΔΑΙ ΔΑΛΙΟΥ
ΕΠΙ ΑΡΙΣΤΕΙ ΔΑΙ ΔΑΛΙΟΥ
[επι αρι]ΣΤΕΙΙΔΑ ΣΜΙΝΘΙΟΥ
ΕΠΙ ΑΡΙΣΤΕΙ ΔΑΙ ΣΜΙΝΘΙΟΥ
                             i 3 e tamples i
ΕΠΙ ΑΡΙΣΙΤΕΙΔΑΙ ΑΡΤΑΜΙΤΙΟΥ
ΕΠΙ ΑΡΙΣΤΕΙΙΔΑΙ ΑΡΤΑΜΙΤΙΟΥ
EΠΙ ΑΡΙΣΤΕΙ ΔΑΙ ΑΓΡΙΑΝΤΟΥ
ΕΠΙ ΑΡΙΣΤΕΙΙΔΑ ΥΑΚΙΝΘΙΟΥ
ΕΠΙ ΑΡΙΤΕΙΔΑωκ ΠΑΝΑΜΟΥ
TANAMO! APICTEL
                    star to simster.
ΕΠΙ ΑΡΙΣΙΤΕΙΔΑΙ Π[ανα]ΜΟΥ
ΕΠΙ ΑΡΙΣΤΕΙ ΔΑ ΚΑΡΝΕΙΟΥ
ΕΠΙ ΑΡΙΣΤ[ΕΩΣ : ] ΒΑΔΡΟΜΙΟΥ
ΑΡΙΣΤΙΩΝΟΣ
               14 examples.1
ΕΠΙ ΑΡΙΣΤ[ιω] ΝΟΣ: ΣΜΙΝΘΙΟΥ
[επι αριστ]ΙΩΝΟΣ' [αηρ]ΙΑΝΙΟΥ
ΕΠΙ ΑΡΙΣΤΙΩ'ΝΟΣ' ΠΑΝΑΜΟΥ
ΕΠΙ ΑΡΙΣΊΤ * * * ΝΟΥ! ΠΑΝΑΜΟΥ
ΕΠΙ ΑΡΙΣΙΤΟΔΑΜΟΥ
                      Helios head to dexter-
ΕΠΙ Α[υιστοδ|Α'ΜΟΥ'
                      third line with in with in the true
ΕΠΙ ΑΡΙΣΤΟΔΑΜΟΥ ΘΕΣΜΟΦΟΡΙΟΥ
ΕΠΙ ΑΡΙΣΤΟΔΑ'ΜΟΥ' ΥΑΚΙΝΘΙΟΥ
ΕΠΙ ΑΡΙΣ ΤΟΔΑΜΟΥ [υακιν]ΘΙΟΥ
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(Macalister, 1926: 205)

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ΕΠΙ ΑΡΙΣ ΤΟΔΑΜΟΥ ΠΑιταποψΥ
 APIΣΤΟΚΛΕΥΣ to a magnifices
                   of the service of many status.
 MAPIXTOKPATEY
 ΑΡΙΣΤΟΚΡΑΤΈΥΣ ...
                     A PISTIOKPATEY
 ΕΠ ΙΕΡΕΩΣ ΑΙ ΡΙΣΙΤΟΦΑΝΕΥΣ ΑΓΡΙΑΝΙ
 APIXTOY -
                    Hears head to rester
 ETT APPE TOP
 ETHAPHICTRATOY
                    Heave head to a ster
 ΕΠ ΙΕΡΕΏΣ Ι ΑΡΈΣΤΩΝΙΔΑ
 ΕΠΙ ΑΡΙΣΤΩΝΟΣ ΘΕΣΜΟΦΟΡΙΟΥ
 ΕΠΙ ΑΡΙΣΤΙΩΝΟΣ ΑΡΤΑΜΙΤΙΟΥ
 ΜΑΡΜΟΣΙΛΑΕ
 A-PMOCIAA
               rose on stem (%) to dester
 ΑΡΜΟ ΣΙΛΑ
 EΠΙΑΡΙΜΟΣΙΛΑ Helios beaut to electer all outline in the
     dietamples.
 ΕΠΙ ΑΡΟΣΙΛΑ 🖾 ΒΑΔΡΩΜΙΟΎ
 ETI APMOCIAA -YAKINOIOY
 ΕΠΙ ΑΡΜΟΣΙΛΑΙ ΣΜΙΝΘΙΟΥ
 ΕΠ Ι[ΕΡΕ]ΩΣ ΑΡΜΟ[Σ]ΙΛΑ
                           r. r
 ΕΠΙ ΑΡΝΗΣΙΙΔΑΜΟΥ Ι ΑΓΡΙΑΝΙΟΥ
 ETITAPIX'E MBPOTOY
 EΠΙ ΑΡΧιεμ (μοτου) ΔΑΛΙΟΥ
 ETI APXEM BPOTOY TANAMOY
 ΕΠΙ ΑΡΧΙΔΑΜίου, ΔΑΛΙΟΎ
 ΕΠΙ ΑΡΧΙΔΑΜΟΥ-ΠΑΝΑΜΟΥ-
ΕΠΙΙ ΑΡΧΙΛΑΙΔΑΙ ΔΑΛΙΟΥ
 ΕΠΙ ΑΡΧΙΛΑΙΔΑ ' Σ[μιθωί]
 ETH APXIMAIDAL APTAMITION
 Letti ali XIMAI DA APTA LICTUR
                           i, r. and quality man
 E[ΠΙ ΑΡΧΙ] ΛΑΙΔΑ ΠΑΝΑΜΟΥ . (2 e.annoles)
 ΕΠΙ ΑΡΧΙΛΑΤΙΔΑΙ ΠΑΝΑΜΟΥ
 ΙΑΟ ΙΚΛΑ ΤΙΑΔΑ
                   Helios head to smister
 ACKAHITI
              con a Landle not Rheodian"
 A\Phi PO\Delta I\Sigma IOY r. 1 2 examples.
 ΕΠΙΑΙ ΙΈΣΓΡΑΙ
                    I DAN well
 A \sim \sim O + \Delta |AMO\rangle
                       Reserve mater
 ΔΑΔΙΜ • • Ο • • Α
 BPOMIOY
             wicat.. t i mister. 3 cvampie.
```

(Macalister, 1926: 206)

#### ΕΠΙ ΓΟΡΓΩΝΙΟΣ ΣΜΙΝ ΘΙΟΥ

 $\Delta A$ the first of the state of the s ΔA<sup>1</sup> 1.1 ENI DAMINETO) . . . .... MIOY EDI DAMAL NETOY! APPIANTOY FELD MAINE - - - - - - MAMOY ΕΠΙ ΔΑΜΟΔΙΚω: ΔΑΛΙΟΥ ΕΠΙ ΔΑΜΟΘΙΕΜΙΟΣΙ ΘΕΥΔΑΙΣΙΟΥ ΕΠΙ ΔΑΜΌΘΕΜΙΟΣ ΠΑΝΑΜΟΎ EΠΙ ΔΑΙΜΟΚΛΈΥΣ Helio head to dester ETI JAMOKA EYE flord one unstamper ... ΔΑΜΟΚΛΕΥΣ! ΔΑΛΙΟΥ! ΕΠΙ ΔΑΜΟΚΛΕΥΣ ΥΑΚΙΝΘΙΟΥ ΔΑΜΟΚΡΆΤΕΥΣ (i.e. t. grampe ) **JAMONIKOY! APTAMITIOY** EΠΙ ΔΙΑΙCΘΗΝΙ (Process) ΔIOY 2 € ramp ∈ ETI AIOPANTO A IO IOEOY SALE ΔIΣKOY 2 et curs c ΕΠΙ ΔΟΡΙΚΥΛΙΔΑ ΔΩΡΟΘΕΟΥ  $\Delta * * P * * * _{1}MA < \Sigma$  tar or each corner of stamps a new roof rear to be follows tamped a too by the piblic EUI E

EΠΙΕ | newer line to had be stamped as to be The phote ΕΛΛΑΝΙΚΟΙ) | and ε to be a The A submost resesting a line Λω ΕΠΙΚΡΑ ΤΕΥΣ (rose to make a 4 commission EPΓ) in a small neet organizast unponor Rhodians. EΥ[ ] [ΙΟΥ (small fragment, none)]

ΕΥΦΡΟΝΟ

ZHIN $\Omega$ N $\Omega$ O $\Sigma$ 

EΠΙ ΗΡΑΙΓΟΡΑ Η ΕΙΝΕΝΙΑΙ ΤΗ ΕΙΝΕΝΙΑΙ ΕΙΝΕΙ ΕΡΕΩΣΙ ΗΡΑΓΟΡΑ ΕΠΙ ΗΡΑΙΓΟΡΑΙ ΑΡΤΑΜΙΤΙΟΝ ΕΙΝΕΙ ΤΟ ΕΙΝΕΙΙ ΕΙΝΕΙ ΗΡΑΓΟ ΡΑ ΠΑΝΑΜΟΝ ΕΙΝΕΙΙ ΕΙΝΕΙΙ ΗΡΑΚΑΕΙΤΟΝ ΕΙΝΕΙΙ ΕΙΝΕΙ ΕΙΝΕΙΙ ΕΙΝΕΙΙ ΕΙΝΕΙΙ ΕΙΝΕΙΙ ΕΙΝΕΙΙ ΕΙΝΕΙΙ ΕΙΝΕΙΙ ΕΙΝΕΙΙ ΕΙΝΕΙ ΕΙΝΕΙΙ ΕΙΝΕΙΙ ΕΙΝΕΙΙ ΕΙΝΕΙΙ ΕΙΝΕΙΙ ΕΙΝΕΙΙ ΕΙΝΕΙΙ ΕΙΝΕΙΙ ΕΙΝΕΙΙ ΕΙΝΕΙ ΕΙΝΕΙΙ ΕΙΝΕΙ ΕΙΝΕΙΙ ΕΙΝΕΙ ΕΙΝΕΙΙ ΕΙΝΕΙ ΕΙΝΕΙΙ ΕΙΝΕΙΙ ΕΙΝΕΙΙ ΕΙΝΕΙΙ ΕΙΝΕΙΙ ΕΙΝΕΙΙ ΕΙΝΕΙ ΕΙΝΕΙ ΕΙΝΕΙ ΕΙΝΕΙ ΕΙΝΕΙ

ΕΠΙ ΘΑΡΟΙ ΠΟΛΙΟΥ

(Macalister, 1926: 207)

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TO BAPCITI GAL BY TREFARICIOY
ΕΠΙ ΘΑΡΣΙΠΟΛΙΟΥ ΛΕΡΙΑΝΙΟ
        EΠΙ ΘΑΡΣΙΙ- NOW THEN HOTOY ....
        EFIL GEAP AHTOY HOWER STORES
        ΕΠ ΙΕΡΕΩΣ' ΘΕΑΙΔΗΤΟΥ' ΙΣΜΙΝΘΙΟΥ - -
       EΠΙ ΘΕΑΙΔΗΤΟΥ AΓΡΙΑΝΙΟΥ ...
       ETI OLAHAMITA TANAMITA
       ETI ΘΕΑΙΔΗΤΟΥ ΠΑΝΑΜΟΥ
       ETH OE YIDAMS
       ΘΕΥΔΩΡΟΎ ΠΑΝΑΜΟΥΊ Α \frac{1}{2} \frac{1
                  Letter is A_{\rm c} and \Delta_{\rm c} some the projection in constant \lesssim \DeltaEYTEPO r
       ΕΠΕΡΕΩΣ ΜΑ ΘΕΥΦΑΝΕΥΣ Α. Ε.
      ΘΊΥΣΙ
      HASI
                              in large Romm letter .
      ΕΠΙ ΙΑΣΙΚΡΑΤΕΥΣ ΒΑΔΡΟΜΙΟΥ - 2000 μ...
      EΠΙ ΙΑΣΙΚΡΑΤΕΥΣ: |APTAMITHOY
      C[MINO]IOY! IEPOKAHC star to regiter
      ETT IEPW[No] a marginal line suir anomy stand
      [+# I]EP\OmegaNO\Sigma[ ] 1 1. r
      IMA
                           carluceus below.
      IMA
                           unduceus above.
      IΠΠΟΚΡΑΤΕΥΣ r. ( ) 4 examples +
     ΕΠΙ ΚΑ * * * * * Τ * * * ΕΥΣ! ΒΑΔΡΟΜΙΟΥ
      ΕΠΙ ΚΑΛ ΛΙΚΡΑΤΕΥ
     ΕΠΙ ΚΑΙΛΛΙ ΚΡΑΤΕΥΣ ΘΕΣΜΟΦΟΡΙΟΥ
     E[ΠΙ ΚΑΛΛΙ] ΚΡΑΤΕΥΣ! YAKINΘΙΟΥ
     ΕΠΙ ΚΑΛΛΙΚΡΑΤΙΔΑ <sub>1</sub> .j. r. reversed.
     EΠΙ Κία ΔΙΚΡΑΤΙώς
     ETTE NAVAMP IT] [ A
     ΕΠΙ ΚΑΛΛΙΚ[pa+ifat KAPNEIOY
     KAΛΛΙΟΥΣ star in each corner of tamp (14 c. complete)
     KAPHOY
     ΚΑΣΙΩΝΟΣ τ.ι.
     ΚΛΕΙΣ' Υ΄ ΙΜΙστοι - ΠΑΝΑΜΟΣ
     ΕΠΙ ΚΛΕΙΤΟΜΑΧΟΥ Ι ΔΑΛΙΟΥ
     ETI KAEITOMAXOY TANAMOY
     ET IEPEWC KAEYKPATHC
     EΠΙ ΚΛΕΩΝΎ ΜΟΥ! YAKINΘΙΟΥ
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(Macalister, 1926: 208)

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EΠΙ' ΚΛΕΩΝΥ[μου]' ΠΑΝΑΜ[σι]' ΔΕΥΤ[εσει]
    ΚΟΠΕΥΣ
             _ 2_examples
    MAI
          A\Pi_A
    MAPA mot a Rhodian handle
    ΜΆΡΣΥΑΙ ΘΕΣΜΟΦΟΡΙΟΥ
    ΜΑΡΣΥΑΙ ΔΑΛΙΟΥ
    AFPIANIO MAPΣYA
    MAPSYAL APPIANEOY IN 24
    MAPSYA! YAKINOIOY
    HANA until MAPIaval
    ΜΑΡΣΥΑΙ ΠΑΝΑΜΟΥ
                         12 examples 🥬
    APTAMITIOY' MENEΣΘΕΩΣ
    MENTWPO'C BAAPOMI'OY
    MENWNOC' APTAMITIOY
    MENΩNOX KAPNEIOY
    [ΕΠΙ ΜΕΙΝΗΣΙΙΔΑΜΟΥ ΠΑΝΑΜΟΥ
    ETI MYTIWNOC
    ΕΠΙ ΜΥΤΙΙΙΩΝΟΣΙΙ
                          ] badly stammed
    ΕΠΙ ΜΥΤΙΩΝΟΣ! ΑΓΡΙΑΝΙΟΥ
    NANIOE
    NANIOY
              2 examples i
    NIKAΓΙΔΟΣ -- 2 examples
    NIKACI
            r. r.
    ΕΠΙ ΝΙΚΑ ΣΑΓΟΡΑ ΘΕΣΜΟΦΟΡΙΟΥ
    ΕΠΙ ΝΙΚΑΣΑ' ΓΟΡΑ' ΥΑΚΙΝΘΙΟΥ
    ΕΠΙ ΝΙΚΑΣΑΓΟΡΑ ΠΑΝΑΜΟΥ
    ΝΙΚΑΣΙΩΝΟΣ
                  r. r. 12 examples
    ΝΙΚΑCΙΩΝΟΣ
                  r. r. 4 examples
    NIKAZIONOZ (SIC T. T.
    NIKA\Sigma I\Omega NO\Sigma and anchor.
                            r. r. 12 examples 1
    N P] IKYΘΟΥ! ΔΑΛΙΟΣ trident below.
    N * * * * * * * XOY
    ΕΠΙ ΞΕΝΟ'ΣΤΡΑΤΟΥ
    ETI ZENOPANEYZ' ZMINOIO'I
    EΠΙ ΞΕΝΟΦΑΝΕΥΣ ΥΑΚΙΝΘΙΟΎ
    ΕΠΙ ΞΕΝΟΦΑΝΕΥΣ: ΠΑΝΑΜΟΥ
(Macalister, 1926: 209)
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ETI ZENOGANEYE TETALEITNYOY
                                        2 exam aes
ETI EENO PANTOY
ETH ΣΕΝΌΦΩΝΤΟΣ ΘΕΣΜΟΦΟΡΙ τ. τ. 2 ex emples in one of these
    the meet of more verticallies known though the letters of mot reverse by
ΕΠΙ (ΞΕ ΝΟΙΦΩΝΤΟΣ' ΔΑΛΙΟΥ
ΕΠΙ ΞΕΝΟ ΦΩΝΤΟΣ ΑΡΤΑΜΙΤΙΟΊ
μετι ξενοφίΩΝΤΟΣ ΑΓΡΙΑΝΙξού]
EΠΙ ΞΕΝΟΦΩΝΊΤΟΣ ΚΑΡΝΕΙΟΥ - 2 gramples; in one the name ha
    be a miswritten \(\Sigma \text{ENO} \), and the \(\Sigma \text{olumber of years of the } \Sigma \text{olumber})
ONAΣIOIKOY (a) e lample ...
OΠΟΣ Proma double handle mic Khod an much corrolled
ΠΑΥΣΑΝΙΑ
              2 examples i
 ΠΑΥΣΑΝΙΑ rose below. (2 examples
[+πι] ΠΑΥΣΑ[ΝΙΑ] ΥΑΚΙΝΘΙΟΥ
 EΠΙ ΠΕΙΣΙ'ΣΤΡΑΤΟΥ Helios had to devter.
ELL LEIZI, ZLALON, ALTAMITION
 EΠΙ ΠΕΙΣΙΙΣΤΡΑΤΟΥ! ΠΑΝΑΜΟΥ : 12 examples
[E]TI TOAY [KPA]TEYC
 ΕΠΙ ΠΟΛΥΚΡΑ' ΣΜΙΝ[ΘΙΟΥ]
 ΕΠΙ ΠΡΑΤΟΦΑΝΕΥΣ ΒΑΔΡΟΜΙΟΥ
 ΕΠΙ ΠΡΑΤΟΦΑ'ΝΕΥΣ' ΔΑΛΙΟΥ
 ΕΠΙ ΠΡΑΤΟΦΑΝ ΕΓΥ Σ ΠΑΝΑΜΟΥ
 ΠΥΘΟΔΩΡΟΣ' ΑΡΤΑΜΙΤΙΟΥ
                               in then, beidal stamp.
[επε πυθ ] Ο Δ ΩΡΟΥ ΑΡΤΑΜΙ [που] r t On the side, the wheel quality -
ΕΠΙ Π[eθω]^*ΔΩΡ[ων]^* ΠΕΔΑ γειτηνών]
POAIDHOY a flaming torch at smister end.
EΠΙ Σ[bredien]Σ
 ΣΤΟΚΛΕ
          r r.
 CYAΦEY'C
            1. 7
 ΕΠΙ ΣΥΜΜΑΙΧΟΥ: ΘΕΣΜΟΦΟΡΙΟΥ «
 ΕΠΙ ΣΥΜΜΑΧΟΥ ΔΑΛΙΟΥ
INTERNAL MAXOY Ja TO MITIOY
 EΠΙ ΣΥΜΜΑΧΟΥ ΥΑΚΙΝΘΙΟΥ
                                 THE PLANE BY CO.
 ΕΠΙ ΣΥΜΜΑΧΟΥ ΠΑΝΑΜΟΥ
                               : "
                                      La discount file
ETI SYMMAXOL . .
```

(Macalister, 1926: 210)

```
CYOMA A OTCION 1 reverse liner. A little less than half broken awar
        The T may be a flattened Y athe inscription, if not boundered for
        [επι] CYOMADOYC : ΠΑΝ[αμοι | is unintelligible
    ΣΩΓΕΝΕΥΣ
                   r. r.
    ΕΠΙ ΣΩΔΑΜΟΥ Ι ΘΕΥΔΑΙΣΙΟΥ
    ΕΠΙ CWAAMIOY ΒΑΔΡΟΜΙ
    ΕΠΙ ΣΩΔΑΜΟΥ ΠΑΝΑΜΟΥ
    ΕΠΙ ΣΩΔΑΜΟΥ: ΠΑΝΑΜΟΥ! ΔΕΥΤΕΡΟΥ
                                                  2 examples
    ΣΩΚΡΑΤΕΥΣ
                                   4 examples in one the stamp reversed to
                    torch to sunster.
    ΣΩΚΡΑΤΈΥΣ
                    torch beneath ast three letters.
    ΕΠΙ ΣΩΙΣΙΚΛΕΥΣ: ΔΙΟΣΘΥΟΥ
    ΕΠΙ ΣΩ[Σ]Ι ΚΛΕΥΣ' ΠΑΝΑΜΟΥ
    ETI CWC'TPATOY
    CW'TH'PI'XOC on the four sides of a square stamp in centre, a flying
        bird.
    TIMAKPATEYE
                       ±2 examples.
    ΕΠΙ ΤΙΜΟΥΡ' ΡΟΔΟΥ' ΔΑΛΙΟΥ
    TIMOY * * [
                       1 M * * EY (2)
    ΕΠΙ [Φ ?
               * | KAPNE | 100
    ΦEI[Y?
    ΦIΛΑΙΝΙΟΥ
                   11 examples.
    ΕΠΙ ΦΙΛΟΔΑΜΟΥ: ΘΕΥΔΑΙΣΙΟΥ
    ΕΠΙΙΦΙΛΟΔΑΜΟΥΙ ΑΓΡΙΑΝΙΟΥ
    XP
          reversed in small rectangular stamp. Not Khodian.
    ΕΠΙ \Omega[name not stamped]<sup>1</sup> YAKINΘΙΟΥ
    EΠΙ [name illegible]! ΘΕΣΜΟΦΟΡΙ
    E[ΠI illegible] ΘΕΣ ΜΟΦΟΡΙΟΥ]
    ΣΜΙΝΘΙΟΥ r r. no other words. 2 examples in one, the N reversed.
    EΠΙ [name chipped away] APΓΑΜΙΤΙΟΥ
    [ illegible ] ACPIANIOY
    •NAN]apovi in a heart-shaped stamp (compare Examano) or con No. II,
        p 350, ñg. 467, No. 20 .
    ENI
                 TIANAMOY
    1 7.
    * * * ΙΝ[ΕΥ *] ΔΑΛΙΟΥ
    [\epsilon \pi_i \cdot \bullet] \text{ EYS}^* [ \bullet ] \text{ TOY } [\tau ava] \text{MOY}
    [2 mic- i.legible! BAAPO]MIOY
(Macalister, 1926: 211)
```

4

```
TNOC | Jou-INGIOY
      AAM |
                   T.ETH .
INOY
            ] OY 1
                        JOY
(HZ |
           nest above and Helios hear be on the last two effects
ONOE
INOY
ETHI " A MAINTA " AANT OY
ÇIΓ(ET %) − r
                    Small fragment
· · ΙΑΣΙΛΗ ΣΜΙΝΘΙΟΥ
ET III bauly stamped MOY! II ANAMOY
|IAINA| r. r. reverse | and very badly stamped
top line illegible ! * * MOY
                               rose to sinister.
Three lines illegible, except AE at end of middle line
[not stamped] | STPATOY
ΟΥ ΠΑΝ[αμή
                r. r
                       nearry all broken away.
Three lines illegible except TONE at the end of first line
E{--
          ] \ \S[uirHiov]
]ΜΩΛΙΦ[
            r. r.
] I AI [
               [Σ*MA4] · Badly stamped and broken.
E [#1
             JEL YAK[urli]OY
                                  r. r. -
        | EAAS! [vax]INOIOY
TEX 9 Y [
             r r.
                    reversed.
A Helios-head? with a dot underneath in a small square stamp, possibly a
    quality-mark.
MKI the M and K ligatured
A stamp consisting of an H divided thus, F + H with a \Delta filling in the gap.
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(Magalister, 1926: 212)

### APPENDIX G

# INDEX OF GREEK NAMES - SAMARIA: REISNER

# I. MAKER'S NAME, WITH AND WITHOUT SYMBOL

•	1.	ΑΓΑΘΟΚΛΕΥ₹,	H. S. 2, S3 c, S3 b (3), S3 street cistern, S6 b, S10 d, N. G. T. 8.	20.	BPOMIOY.	torch (?), on r., S3 b; without symbol, L. T. 39, L. T. 64, \$2 c,
	9	AFABOPOVACY	See lines 9, 10, paragraph above.	~		S3 a, S3-307, S4-361, S5 a, S5 h,
		ACH€ITTTO€,	star above, S6 f.	-		S6 f, S7, S10 b, N. G. T. 2, N. G.
		ΑΘΑΝΑΔΟΤΟΥ,	cornucopia on right, S4 a.			T. 4.
		AKTAPΩNO€,	caduceus below, S2 South in	21	ΔΑΗΜΩΝ,	S3-321.
	U.,	AIC   AI 30100C,	Greek Fort Wall, S11 under Ro-		ΔΑΙΟΦΑΝΤΟΥ,	S6 g.
			man street, 83 corner cistern.		ΔΑΜΙ? K? Y,	L. T. 5.
	R	AMYNTA,	laurel wreath on right, S3 street			twined cornucopias on 1., double
	V.	A 14 1 A.	cistern, L. T. 4 b 52, S10 a, S11-2.	æ 2.		axe below, S3 f.
	7.	ANAPONIKOY.	· · · · · · · · · · · · · · · · · · ·	25.	<b>∆AMOKPATEY</b> €	. circular, rose, vault cistern 1,
		ANTIMAXOY.	caduçeus below head r., S3 a,			S3 f, S3 street, S3-306, S5 c, S5 e,
	٠.		S3-321, S7 d; caduceus below			S6 b, S10 a, S8-805, N. G. T. 4,
			head 1., S3-311; caduceus above		•	N. G. T. 8, Bas. 13 sub.
1	•		head 1., 86 b, 87 b.	26.	ΔΙΟΔΟΤΟΥ,	S3 e, f, S10 b.
	9.	ATTOANO QANE	/≤, bunch of grapes on r., L. T. 5-			-with four stars, S2-7, S3 street;
	-		63, S10 d.			without symbol, L. T. 5 a, S6 f.
1	0.	ΑΠΟΛΛΩΝΙΟΥ,	S5 a, S7 a.	28.	ΔΙΟΥ,	N. G. T. 4.
		APATOPA NEYS			ΔI€KOY,	L. T. 1 c cave 5, S3 street, S5-
		APETAKAĤ€,	with resette on 1., S9 c.			311, S8-801.
1	3.	APISTAPXOY,	with four stars, one in each cor-	30.	ΔΙΩΝΟ₹,	caduceus below head L, S11-3
			ner, S3 f W, S6 c cistern; with		<i>2</i>	second metre.
			five stars, the fifth being above,	31.	ΔΩΡΙΩΝΟΣ, 🌄	rectangular with rose above, S5 f;
			S3-311; without symbol, S5 a.			without symbol, S3 c, S11-1
1	4.	API≼TIΩNOS,	with anchor below, vault cistern			under Roman street.
		A STATE OF THE PARTY OF THE PAR	1; without symbol, S3 c, L. T. 1	32.	ΔΩΡΟΘΕΟΥ,	L. T. 3 e 32 sub.
	ý	7. <b>*</b>	a, S9 N, S10 a.	33.	EAAANIKOY,	circular, rose, S3 d, S3-306, S3-
1	5.	API≼TOKAEY€,	circular, rose, S3 c, S3 b, S3	_		314, S5 c, N. G. T. 1.
			street, H. S. 1, S4 e, S5 c (2), S6 f.	A.	EPMIA,	L. T. 5 south of enclosing wall,
1	6.	<b>API</b> TOKPATEY	'≤, four stars, one in each corner,	·		Kaid's Land b.
			S3 street, S3-311, S6-626 E.	35.	EYФPANOPO€.	circular, Helios-head, S3 a, S5 c
			S10 e; with two crosses below,			(2), S6 a (with sub-stamp A.),
			one on each side, S5 h.			S8-803, L. T. 63.
		API€TOY,	S3 e W.	36.	EYKAETOY.	with caduceus below head r., S3
1	8.	API≷TΩNO €.	caduceus above head r., S3 street,		•	street, S3 a, S4 a, S5 a, c, S9 N.
			S3 street cistern.			Bas. N. sub.
1	9.	ATTAKOY,	S11-1 under Roman street.	37.	ZHNΩN,	S5 b.
			· · · · · · · · · · · · · · · · · · ·			e de la companya del companya de la companya del companya de la co

<sup>1</sup>See Macalister, Gezer, II, p. 363, where Agathoroudos is said to occur with the names of the eponyms Nikasagoras and Aristakos.

(Reisner, 1924a: 311)

# INDEX OF GREEK NAMES - SAMARIA: REISNER

			4	
	ΖΗΝΩΝΟ <b>Ξ,</b> ΗΦΑΙ <b>ΞΤΙΩΝΟ</b> Ξ,	circular, rose, S3 f. with caduceus below head r., S7 d.	62. ONA≼IOIKOY.	S2 between west walls of Temple SW corner.
	HPAKAEITOY,	S3 f, S3 d (HPAKAIETOY).	63. ПАГХАРЕУ€,	S3 street, S11 y.
	HPAKAITOY.	with four stars, S2 c.	64. ∏AY≷ANIA,	S1 II 12, S3 a, S3-311, S3 corner
41.	ΘΕΜΙ  ₹ΤΙΩ₹,	with bunch of grapes on l., L.T. 5	020 11111 47111111	cistern, S4 g, S5 a and c and e
•••	02	under street.		
49	ΘΕ₹ΜΟΚ[ΛΕΙ]Ί			and street, L. T. E. a; rectangu-
			65. HONYAPATOY,	lar with rose below, L. T. 63.
40.	DEI MINACIOI,	lozenge stamp with plant spray	00. HONTAPATOT,	
		above and helmeted head r. be-	•	cornucopias on l., S3 e, H. S. 1;
	05011	low, S5 f.	40 EALV#ENOV	with harpoon (?) below, S11 y.
	ΘΕΩΝ,	circular, rose, S3-321.	66. MONYEENOY,	four stars, scroll below, S3 a, S10
	IA€ONO€,	rectangle in relief, S6 e, f.		d; four stars and scroll above,
46.	IMA,	caduceus above head r., S11 x,		S2-36.
		Gateway N. Roadway; caduceus	67. ₹AMIOY₹,	two stars above, S6 b.
		above head l., S10 b; caduceus	68. ≼ΑΡΑΠΙΩΝΟ≤,	S10 d.
		below head r., S6 f (2), L. T. 53;	69. ≼ATYPOY,	reversed, S3 f, S5 e.
		caduceus below head r. and cor-	70. ≼TPATIΩNO€,	four stars, L. T. 3 c 32 sub.
		nucopia (?) on l., S5 a, S7 a, S9-	71. ₹TPATONIKOY	. circular, rose, S3 d.
		1001.	72. ₹ΩKPATEY₹,	with ring and torch on r. (the other
47.	ΙΠΠΟΚΡΑΤΈΥ	circular, rose, S3 a (2), S5 d and		handle reads ΕΠΙ ₹ΩΔΑΜΟΥ
		f, S6 g, S11-1 sub, L. T. 4 N of		ΠΑΝΑΜΟΥ ΔΕΥΤΕΡΟΥ), S2
		46, L. T. E. a and c, N. G. T. 7.		cistern 14; with ring and torch on
	Ι\$ΙΔΩΡΟ\$,	rectangular, rose on r., S4-361.		r., S2 Temple SW corner, S3 f,
	KAAAIOY≸.	four stars, S7-755.	<u></u>	S3 street (2), S3 street cistern, S3-
	KPEON TO₹,	S8 e west of Greek Fort Wall.		311, S3-320, S5 h, S6 b and g, N.
51.	MENEKPATEY&	. S3-307, S5 e, S8 b.		G.T. 5, N.G.T. 8; without sym-
<b>52</b> . 1	MENΩNO≤,	caduceus below head l., S3 street,		bol, L. T. 5 south of Temple.
		S11-1 sub.	73. <b>₹</b> Ω₹ΙΦΙΑ,	N. Gateway (1909).
<b>53</b> .	MHNOΘEMIO <b>≤</b> ,	double axe below head r., twined	74. €Ω€IK∧EY€,	caduceus below, S3 a, L. T. 62.
		cornucopias on l., S5 b and c,	75. <b>₹Ω</b> ₹Τ  PATO <b>₹</b> ,	star on r., S5 b.
-	•	S10 a, L. T. under calidarium.	76. ≼ΩTAI POY,	bunch of grapes on r., S7 c; bunch
54.	MIΔA,	caduceus below head r., bunch of		of grapes on 1., S6 f.
		grapes on r., 82-63, 85 a, 86 b,	77. ≼ΩTHPIXOY,	circular, sagle L, head turned
		87 c, L. T. 5 b (2), L. T. 1 b,		back, outspread wings, 82-42
		L. T. E., Cl. T., Bas. 13 sub.	•	sub, Gateway SW tower (1909);
55.	MO≼XOY,	S2-63, S3-334 cistern, S11-6.		rectangular without symbol, S4 e.
56. 1	NANIO₹,	84-355 sub, 85 c and f and h,	78. TIMOY€,	83 f, S3 corner cistern, S5 e, H. S.
	•	S10 b deep, S11-3.		¹1, H. S. 2, L. T. 2 a.
57.	NIKAPI∆O€,	S3 street cistern, S6 f, S8-803,	79. ÞANIA,	S5 b (2), S6 e, H. S. 1.
•		S11 x.	80. PINAINIOY,	vault cistern 2, S3 street, L. T.
58. 1	NIKA€IΩNO€,	circular, rose, with anchor (?)		39, N. Gateway, N. G. T. 5.
		between ends of name, S2-69.		See II 29. With ivy spray be-
59. I	NYCIOY,	with standing draped figure on		low, N. Gateway.
		r., H. S. 1.	81. ΦΙΛΟΚΛΕΥ€,	S <del>9-94</del> 0.
60. 3	EENO,	S8-811.	82. ♦IAOKPATEY€,	caduceus below head r., L. T. 1 c.
	олумпоу,	torch thrust through a ring, on	83. ΦΙΛΩΝ[ΙΔΑ]	S5 f.
		r., S3 c and f, S6 c; small rose on	84. ΦΟΔΩΛΟΟ,	sword (?) below head l., L. T. 1 c.
		r., Bas. cistern 1.		

(Reisner, 1924a: 312)

#### II. NAMES OF MAKER AND MONTH (BOTH IN GENITIVE), SYMBOLS RARE

1. ALAOYMBPOTOY, Hyakinthios, S3 a. "10. EI∧O≼, Panamos-Ddut., S3 a. 11. ENIFONOY. Sminthios, S5 SW corner; Arta-2. AFOPANAKTOY, Thesmophorios, S6 e; Sminthios, mitios. S5 d. S2 under Herodian stair, S. G. T. 12. ΘΕΥΔΩΡΟΥ, 2; Artamitios, S7 c, S6 c (-T0€), Artamitios (second handle has L. T. 39; Agrianios, S10 e; Hyan-EΠΙ≲Ι [ ] YAKI with Helios-head kinthios, S8 b below Roman level; on left), L. T. 32 sub; Agrianios, Dalios, S5 h; Karneios, S3-321. S3-311; Theudaisios, S3 d. 13.  $| \in P\Omega[N] | OC KAPN | \in IOY$ , S5 e. ΑΘΑΝΑΔΟΤΟΥ, Dalios, S1 above basins. See I 4. 14. ΙξΙΔΩΡΟξ. Badromios, S3 e. 4. ANAPIOY. Diosthyos, S6 b. 15. KPEONTOC. Sminthios, S3 g; Hyakinthios, S. λ≤Π Α≤ΙΛΑ, Agrianios, S11 N. G. T. 4. See I 50. 6. AYTOKPATEY €. Artamitios, S5 c (oval frame). Hyakinthios, S6-626. 16. MAP€YA, Theudaisios, S3 a; Badromios, L. 7. AAMONIKOY, T. 32 sub; Agrianios, \$3 b. \$5 b; Badromics, S8 d. 8. ΔΙΟΓΕΝΗ₹, Artamitios, L. T. E. a. Karneios, S3 street, H. S. 1. 9. ΔΙΟΚΛΗ≤, Badromios, S3 street. 23. NE ----17. MENANAP (OY), Panamos, S3 a. 24. EENOPANTOY (first o omitted), Thesmophorn 18. MENTOP OCAPTA MITIOC, Gateway N deep S6 b. (1909);25. EENO≰TPATOY, circular, rose, Sminthios, S3 MENTOPOCICMINGIOY, 85 h. MENTOPO|CYAKINGI|OY, in a frame, S10 a. Artamitics, S3 s. circular, rose, Hyakinthios, L. Theudaisios, S5 h; Artamitios, 26. ONA≼AN∆POY. 19. MENWNOC, S3 a. in a rectangle of dots, Artamitio **27.** ΠΑ**₹**ΙΩΝ, circular, rose, Panamos, S5 c, L. 20. MENΩNO≤, N. Gateway; Agrianice, S3 c, S2 T. E. a; Dalios, 85 g. See I 52. Sminthios, S3 street cistern; Agri-21. MIKYOOY, Disthyos, S3 street cistern, S10 28. **₹AMO₹**, anics, 83 b; Karneics (with cadu-29. HIAAINIOY. Panamos, S5 h. See I 80. ceus below), L. T. E. b; MIKY? 0 | symbol? OYAP TA[ ], S3 f. (for MENΩNO₹?), Hyakinthios, **22. ΝΕΜΩΝΟ**₹, with thyrsus between, L. T. E. c.

# III. PERSONAL NAME PRECEDED BY MONTH NAME (BOTH IN GENITIVE)

Artamitics Agriffics Hyakinthics Panamos	ΑΓΑΘΟΚΛΕΥ₹. S6 c. ΑΓΑΘΟΚΛΕΥ₹, L. T. 1 b. ΑΓΑΘΟΚΛΕΥ₹, S6-626. ΑΓΑΘΟΚΛΕΥ₹, L. T. 1 c room 3. ΑΓΑΘΟΚΛΕΥ₹, S3 f. ΑΓΑΘΟΚΛΕΥ₹, S6-626.	3. Agrisnios Hyakinthios 4. Hyakinthios 5. Disthyos 6. Thesmophorios Artemitios	APISTEIΔA, star on r., S1 cistern E APISTEIΔA, star on r., L. T. 1 b. ΔΑΜΟΝΙΚΟΥ, S7 a. ΔΙΣΚΟΥ, S8-801. ΕΠΙΓΟΝΟΥ, S5 e. ΕΠΙΓΟΝΟΥ, S8 d.
Karneios 2. Thesmophorios	·		∏I≲TOY, arrow-head between
Artamitios.	ACHSIAA SS b.	8. Agrianios	S11 y. TOA€!(?)TOY, S3 street cistern.

(Reisner, 1924a: 312-313)

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### IV. EII WITH NAME OF PERSON IN GENITIVE

	<b>U</b>	IV. CITE WITH NAMES OF	1.	PIMOI III (III	NIII VE
1.	APXEMIBPOTO	Y. S11-13 sub. See Reg. No.	23.	EYKPATOYS,	8 <del>9-94</del> 0.
		4899, above, page 311.			Helios-head on l., S6 f.
2.	AFESTPATOY.	with Helios-head on l., 83 e.	25.	BEP[€ANIAPOY	, see Reg. No. 4098, p. 311.
	АГН€ІППОҮ,	with Helios-head on l., S. G. T. 6;		. ee≰ Topos,	
	•	without symbol, S3 d, S11 y deep.		IE PΩNO€.	torch and ring on 1., S5 street.
4.	AFA OKPITOY.	with Helios-head on l., S5 c; with-	28.	KANAI KPATEY	✓ Helios-head on 1., S3 street cis-
	•	out symbol (second line reversed),		•	tern, S10 d.
-		S3 d	29.	KANAI KPATIA	A, <u>tar</u> below, 84-201.
5.		OY, S1 square cistern.		MU? TONOC.	
		with Helios-head on l., S3 street	31.	NIKA≷AFOPA,	circular, dolphin, S5 b.
	·	cistern.	32.	. EENO €TPAŤO	Y. Helios-head on 1., S3 c; withou
7.	AI€ XYAINOY,	S8 e.			symbol, S3 c/S6 f, L. T. unde
	IEPEΩ₹ΑΙ₹ΧΥΛ	INOY, circular, rose, S5 c.			calidarium.
	AIEXY AEINOY			EE NOPAN.	Helios-head on l., S3 d.
	ANAE ANAPOY		34.	_EENO ΦANEY€,	Helios-head on l., S10 b; wreati
9.	APA TOPANEY	E, with Helios-head on l., S3-311,			on I., S6 &; without symbol, S5
		S3 street.			(reversed),\S10 c.
10.	A PETA KAEY	E, S10 c.	35.	ΠΑΥ ₹ΑΝΔΑ,	Helios-head on 1., S3 a and c, S5
	APETA KAEOY				without symbol, S3 street cistern
	API≅TEI∆A,	with Helios-head on l., S10 a.	36.	ΠΕΙΘΙΑΔΑ,	circular, with ANOY \Delta in centre
	API&TEΩ&,	circular, rose, S10 c.			S4-201.
	APXIA AMOY,	L. T. 3 c 32 sub.	37.	ΠΕΙ≼Ι]≷ΤΡΑΤΟ	Y. Helios-head on I., S3-311, S5 b
	APXIAAIAA,	with Helios-head on l., \$10 b.			€. Helios-head on 1., S3 street, S5.
	<b>APXOKPATEY</b>			TYBO TENEYC	
	ΔΑΗΜΩΝΌ₹,	circular, rose (?), S4-351.		CODA MOY,	S6 g.
17.	ΔAMOΘEMIO₹,			₹YM MAXOY,	Helios-head on I., N. G. T. 6.
		without symbol, Samarra c.		COCT PATOY,	· · · · · · · · · · · · · · · · · · ·
	ΔΑΜ ΩΝΟ€,	S11-3 cistern.		₹Ω₹ΤΡΑΤΟΥ.	circular, rose, S10 b deep.
	ΔΟΡ ΜΙΔΑ,	S3 street cistern.			₹. Samarra's Land c.
	ΕΥ ΔΩΡΟΥ,	Helios-head on I., S6 e.		ΦΙΛ ΝΙΔΑ,	Helios-head on l., S5 f, S6 d.
21.	EY KAEYE,	S2 c, S9 N, L. T. 3 b under cali-		ΦΙΛΩΝΙΔΑ,	without symbol, S3 d, S5 c.
		darium.	47.	XAP MOK∧EY€	Helios-head on 1., S3 c; witho
22.	EYKP ATIDA.	Helios-head on I., H. S. 2.			symbol, S3 b, S6 e, L. T. E. b.
V	EDI WITH	NAME OF PERSON FOLLOWED	RΥ		NAMES OF A PARTY AND A PARTY OF A
-			DI	NAME OF MO	NTH (BOTH IN GENTTIVE)
1.				i	
1.		Thesmophorios (circular, rose), S2-	33.	APXOKPATEY&	Thesmophories, S5 h.
1.		Chesmophorios (circular, rose), S2– 69 sub; Sminthios (IEPEΩ≤ AΓ.),	33.	i	Thesmophories, S5 h. Sminthios, H. S. 1 deep (circular,
<b>1.</b>		Chesmophorios (circular, rose), S2–69 sub; Sminthios (IEPEΩ≤ AΓ.), S3–302; Artamitios, S2–31, N. G.	33. 34.	APXOKPATEY€, A≤TYMH,	Thesmophorios, S5 h. Sminthios, H. S. 1 deep (circular, rose).
	AFE≷TPATOY, 1	The smophorios (circular, rose), S2–69 sub; Sminthios (IEPEΩ ≤ AΓ.), S3–302; Artamitios, S2–31, N. G. T. 5; Karneios, S7 b.	33. 34. 35.	APXOKPATEYS, ASTYMH, ASTYMH \DEYS.	Thesmophories, S5 h. Sminthios, H. S. 1 deep (circular, rose). Hyakinthios, S5 c.
<b>2.</b>		The smophorios (circular, rose), S2–69 sub; Sminthios (IEPEΩ ≤ AΓ.), S3–302; Artamitios, S2–31, N. G. T. 5; Karneios, S7 b. Panamos, S3 f.	33. 34. 35.	APXOKPATEYS, ASTYMH, ASTYMH \DEYS, AYTOKPATEYS,	Thesmophories, S5 h. Sminthios, H. S. 1 deep (circular, rose). Hyakinthios, S5 c. Hyakinthios, S10 surface dump;
2. 3.	AFESTPATOY, 1 AFEMAXOY, AFHSIAA,	The smophorios (circular, rose), S2-69 sub; Sminthios (IEPEΩ ₹ AΓ.), S3-302; Artamitios, S2-31, N. G. T. 5; Karneios, S7 b. Panamos, S3 f. Agrianios (circular, rose), S5 b.	33. 34. 35. 36.	APXOKPATEYS, ASTYMH, ASTYMH \DEYS, AYTOKPATEYS,	Thesmophories, S5 h. Sminthios, H. S. 1 deep (circular, rose). Hyakinthios, S5 c. Hyakinthios, S10 surface dump; Dalios, S5 c (circular, rose).
2. 3. 4.	AFE≼TPATOY, 1  AFEMAXOY, AFH≼IAA, AΘANO∆OTOY,	Chesmophorios (circular, rose), S2-69 sub; Sminthios (IEPEΩ ₹ AΓ.), S3-302; Artamitios, S2-31, N. G. T. 5; Karneios, S7 b. Panamos, S3 f. Agrianios (circular, rose), S5 b (circular, rose), S3 street.	33. 34. 35. 36.	APXOKPATEY€, A€TYMH, A€TYMH ∆EY€, AYTOKPATEY€, IEPEΩ€ ГОРГΩ!	Thesmophories, S5 h. Sminthios, H. S. 1 deep (circular, rose). Hyakinthios, S5 c. Hyakinthios, S10 surface dump; Dalios, S5 c (circular, rose). NO≤ , Panamos, S3 street cistern.
2. 3. 4.	AFE≼TPATOY, 1  AFEMAXOY, AFH≼IAA, AΘANO∆OTOY,	Chesmophorios (circular, rose), S2-69 sub; Sminthios (IEPEΩ≤ AΓ.), S3-302; Artamitios, S2-31, N. G. T. 5; Karneios, S7 b. Panamos, S3 f. Agrianios (circular, rose), S5 b (circular, rose), S3 street. Pedageitnyos (circular, rose), S5	33. 34. 35. 36.	APXOKPATEYS, ASTYMH, ASTYMH ΔΕΥS, AYTOKPATEYS, IEPEΩS ΓΟΡΓΩΙ ΓΟΡ ΓωΝΟS ,	Thesmophorios, S5 h.  Sminthios, H. S. 1 deep (circular, rose).  Hyakinthios, S5 c.  Hyakinthios, S10 surface dump;  Dalios, S5 c (circular, rose).  NO≤ , Panamos, S3 street cistern.  Dalios, S12 dump (1908).
2. 3. 4.	AFE≼TPATOY, 1  AFEMAXOY, AFH≼IAA, AΘANO∆OTOY,	Chesmophorios (circular, rose), S2-69 sub; Sminthios (IEPEΩ≤ AΓ.), S3-302; Artamitios, S2-31, N. G. T. 5; Karneios, S7 b.  Panamos, S3 f. Agrianios (circular, rose), S5 b (circular, rose), S3 street.  Pedageitnyos (circular, rose), S5 c; Artamitios (circular, rose), S3-	33. 34. 35. 36.	APXOKPATEYS, ASTYMH,  ASTYMH \DEYS, AYTOKPATEYS,  IEPEQS \TOPTQI \text{TOP \TWOS ,} DAMAINETOY,	Thesmophorios, S5 h. Sminthios, H. S. 1 deep (circular, rose). Hyakinthios, S5 c. Hyakinthios, S10 surface dump; Dalios, S5 c (circular, rose). NO≤ , Panamos, S3 street cistern. Dalios, S12 dump (1908). Hyakinthios, S5 f (circular, rose);
2. 3. 4.	AFE≼TPATOY, 1  AFEMAXOY, AFH≼IAA, AΘANO∆OTOY,	Chesmophorios (circular, rose), S2-69 sub; Sminthios (IEPEΩ≤ AΓ.), S3-302; Artamitios, S2-31, N. G. T. 5; Karneios, S7 b. Panamos, S3 f. Agrianios (circular, rose), S5 b (circular, rose), S3 street. Pedageitnyos (circular, rose), S5	33. 34. 35. 36.	APXOKPATEYS, ASTYMH,  ASTYMH \DEYS, AYTOKPATEYS,  IEPEQS \TOPTQI \text{TOP \TWOS ,} DAMAINETOY,	Thesmophorios, S5 h.  Sminthios, H. S. 1 deep (circular, rose).  Hyakinthios, S5 c.  Hyakinthios, S10 surface dump;  Dalios, S5 c (circular, rose).  NO≤ , Panamos, S3 street cistern.  Dalios, S12 dump (1908).

(Reisner, 1924a: 313-314)

6. AINHTO|PQ€. Dalios, L. T. 4 b 52. Thesmophorios, L. T. 1 d; Hya-7. AI≅XINA, kinthios, S5 h. 8. AI≤XYAI. Agrianios, 88 c. 9. ANEEIMAXOY, Badromios, L. T. 5-53, L. T. E.; Agrianios, S6 b; Hyakinthios, S8-861, R. T.; Panamos, S3 c. 10. ANAΞANΔPOY, Thesmophorios, S9 N; Panamos, L. T. 1 c. 11. ANAPIA. Thesmophorios, Gateway (1909). 12. ANAPONIKOY, circular, rose, Panamos, S6 f. ANAPON[], Pedageitnyos, S6 b. ANAPO | NEIKOY |, Dalice, S5 c. 13. ANΘI≼I ΔAMOY , Panamos, S2–32 sub. 14. APATOPANEY≅, Badromios, L. T. 1 b; Hyakinthios, L. T. E, S11-1. 15. API€TEI∆A. Badromios, S3 c; Panamos, S11 s (circular, rose); Sminthins, S3. street cistern; Artamitios, 83 e, S11-13 cistern; Agrianios, S6 f, S11 y, S3 street cistern, Bas. 2d stratum. 16. API≾TO | TEITOY, Panamos, S5 e. 17. API≲TOΓENEY≅, Hyakinthios, S5 b and f; Pansmos, L. T. 1 a and c. 18. API≤TO∆AMOY, Badromios, circular, rose, S3 street; Panamos, S2 c, S6 a, S8 d. ΔΑΛΙΟΥ ΕΠΙΑΡΙ≾ΤΟΔΑΜΟΥ, S10 d. 19. IEPEΩ₹ API₹TOΦANOY ΔΑΛΙΟΥ, circular, rose, S6 c. 20. API≼TOK PATOY, Theamophorios, S5 c. 21. API≼TOMAXOY, Agrianice, L. T. E., S3 c (circular, rose); Hyakinthios, S8 d (circular, rose); Panamos, S3b, S11-8. 22. API≅ TONBPOTI AA. Agrianios, H. S. 1. 23. API STOSTPATOY , Sminthios, S3 e, Gateway N. 24. API€TΩNI∆A, circular, rose, Hyakinthios, S3 b street; Panamos, S3 c. 25. API ₹ TΩNO ₹ , The smophorios, S10 e; Agrianios, S6f; month name off, N. G. T. 8. 26. APMO€IAA, Thesmophorios, S3 d, S3-321; Agrianios (circular, rose), S5 h. 27. APXIBIOY, Agrianios, S2-70 street (circular, rose); Panamos, S11 y. 28. APXIAA, Panamos, S3 g (circular, rose). 29. APXIDAMOY, Panamos, S2-63 (1909). 30. ΑΡΧΙΛΑΙΔΑ, Sminthios, S10 b, S8b (-250 cm.); Artamitios, S3a; Panamos, S2-32 sub (circular, rose).

(Reisner, 1924a: 314)

rose). IEPEΩ₹ΔΑΜΑΙΝΕΤΟΥ, Hyakinthios, S5 a. 39. △AMOGEMIO≤, Badromios, N. Gateway (1909) (circular, rose). 40. ∆AMOKAEY₹, Panamos, S4-360; illegible, S3 street cistern. 41. ΔΑΜΩΝΟ≾. Artamítics, N. G. T. 5. Hyakinthio L. T. E. 42. ETILAMOY, 43. EYANAPOY. Dalios, Gateway E (1909). 44. EYAAMOY, Hyakinthios, S5 c; Dalios S2 above S. wall of temple. 45. EYKAEY€, Artamitios, S5 b (leaf between), Samarra's Land; illegible, L. T. E. 46. HPACOPA, Disthyos, S4-334; Agrianios, S5 47. OANALOTOY, Artamitical, S. G. T. 1; Hyakinthios, S3 street. 48. OAP €I HOAIO €, Panamos Deut., S5 h; Panamos. Samarra b (reversed). 49. ΘΕΑΙΔΗΤΟΥ, Sminthios, N. G. T. 7; Agrianios, L. T. 1 cave 3. 50. ΘΕΡ≅ΑΝΔΡΟΥ, Agrianios, S5 c. 51. **ΘE**₹ŢΟΡΘ₹. Illegible, S5 a. 52. IEPΩNO≤, Badromios, S5 d; Hyakinthios S5 c; Panamos, L. T. 39. 53. KAAAIKPATEY≤, Thesmophorios, S3 street cistern: Artamitios, S3 street, S3 e (circular, rose); Hyakinthios, S3 street; Panamos, S5 d (circular, rose). 54. KAAAIKPATIAA, Agrianios, S3-320; Karneios, S3 street cistern. 55. KAEITOMAXOY, Badromios, S5 Tower (circular, rose); Dalios, S8 b (circular, rose). 56. ΚΛΕΩΝΥΜΌΥ. Panamos-Deut., S10 d. 57. KAEYKPATEY≅, Thesmophorios, S6 e cistern:

Hyakinthios, N. Gateway (1909).

58. ΚΛΗΝΟΣΤΡΑΤΟΥ, Panamos, S3 a.

59. ΚΡΑΤΙΔΑ, Pedageitnyos, S8-803.

60. ΜΕΝΩ[ΝΟΣ], Sminthios, N. G. T. 12.

61. ΜΥΤΙΩΝΟΣ, Artamitios, S. G. T. 2 (circular, rose); Hyakinthios, L.T. E. d (circular, rose); Dalios, Bas. N. E. sub (circular, rose).

62. NIKA≅AFOPA. Thesmophorios, circular, rose, S2 middle, S8-803; Panamos, S3 street (circular, rose), S2-28 (rectangular, reversed); Agrianios, S5 o (rectangular, frame); Dalios, S8-803 (circular, rose).

31. APXIMIAA, Hyakinthios, S10 b deep. 63. EENOΦANEY≤, Pedageitnyos, S10 d. 32. APXINOY, Artamitios, L. T. 52; Panamos, 64. EENOPANTOY, Thesmophorios, S6 c (spray in S10 c; lower r. corner), S6 b; Sminthios. ENIVPXE INIOYNAN YOMA, L. T. 5 b. S10 e; Agrianios, L. T. 5 a. 65. ΞΕΝΟΦΩΝΤΟ≼, Sminthios, S2-31 sub; Artamitios, EΠΙ≾ΩΔΑΜΟΥ ΠΑΝΑΜΟΥ ΔΕΥΤΕΡΟΥ and on S6 h; Agrianios, S5 a, vault cistern the other handle ₹ΩKPATEY₹. 1 (circular, rose); Hyakinthios, S6 with torch on the r., S2 cistern 14. 1:1 a: Panamos, circular, rose, N. G. Sept. 2, 1909. T. 6. S. G. T. 3. 77. €YMMAXOY, Hyakinthios, S11-1 deep. 78. **₹Ω**₹|KΛΕΥ₹, Thesmophorios, S11-1 sub: 66. OPIΩNO≤. Hyakinthios, L. T. 39. Sminthios, S6 f; Hyakinthios, L. 67. II AY≅ANIA, ... Badromios, S8 b; Artamitios, S5 T. 5 south of apsidal strucb: Hyakinthios. S3 street cistern. ture, S10 a (circular, rose). S2-29 sub; Panamos, S5 h, S. G. 79. ≼Ω≼TPATOY, Sminthios, S3 street cistern: Ar-T. 2; Dalios, S6 f, S5 d; illegible, tamitios, S3 street cistern. S5 c, H. S. 1 (circular, rose). Sminthios, S6 i; Dalios, S3 f. 80. TEIMATOPA. 68. ΠΕΙ≾ΑΓΟΡΑ, Sminthios, Bas. N. E. sub. 81. TEI€AMENOY, Sminthios, S5 d; Artamitios, S5 b 69. ∏EI≾I≾TPATOY, Dalios, vault cistern 1. (circular, role); Panamos, S5 f: illegible, L. T. E. a. 70. NOAYAPATOY. Pedageitnyos, H. S. 1; Artami-82. TIMA≼ACOPA. Thesmophorios, L. T. 1 c; Smintios, S5 d, S6 g (sub-stamp); Agrithios, 82-29 sub (circular, rose); anios, S4 b; Panamos, L. T. 1 e. Hyakinthios, S2 South (circular. 71. ΠΟΛΥΚΡΑΤΟΥ≼(sic!), Hyakinthios, S3-314 (circurose); Panamos, S5 a. S6 f. lar, rose). 83. ΤΙΜΟΔΙΚΟΥ. Agrianius, S5 f (lozenge-shaped 72. TTYOOFENEY≼, Thesmophorios, S3 e and f: Bawith symbol below); Hyakinthios, dromios, L.T. 5 b; Agrianios, S11-S3 f, S11 s, S5 f (circular, rose). 1 sub; Hyakinthios, S3 street, S5 84. JIMOOEOY, Hyakinthios, N. G. T. 8; Panac, d and e, L. T. 5 b; Panamos, mos, S7 c, S8-803 (circular, Helios-84-361; Dalios, L.T. 1 a; Karnehead, with sub-stamp); Dalios. ios. S3 a. S2-63. 85. TIMOYPOAOY, Hyakinthios, 83 street; Panamos. 73. ΠΥΘΟΔΩΡΟΥ. Pedageitnyos, S5 a; Sminthios, S. 83 corner cistern, 85 a (circular, G. T. 1; Agrianios, L. T. 4-46. rose); Sminthios, S3-307 (circu-74. Π? ΥΘΩΝΟ\$. illegible, S2 SE corner temple. lar, rose). 75. ₹IKPATEY₹, Pedageitnyos, L. T. E. (read 86. TI≾AFOPA. Sminthios 86 e. INIKPATEYS). 87. PIAODAMOY, Hyakinthice, H. S. 1; Dalice, S3 **76. ₹ΩΔΑΜΟΥ**, Badromios, S3 e; Artamitios, S10 street; uncertain, 83 street.

88. XAPM[OKAEY≼], illegible, Cl. T. (circular, rose).

(Reisner, 1924a: 314-315)

e; Hyakinthios, 88 d;

### VI. MONOGRAM STAMPS

(A)

#### AS SUB-STAMPS

With two exceptions (Nos. 1 and 14 below), the sub-start poccurs with circular rose stamps. It was stamped on the lower part of the upper attachment of the handle before baking.

Sub-stamp.	Upper stamp.	Sub-etamp.	Upper stamp.
1. ΥΠΟ	MIΔA with bunch of grapes on r. and caduceus below, I 54, found in S5 a.	8. K	ENIAYTOKPATEY € ∆AAIOY, circular, rose, 85 c.
2. <u>Y-</u> -	INTIOKPATEY€. circular, rose, I 47, found in 83 a.	9. 116	ENIDAMAINETO Y YAKINGIOY, circular, rose, S5 f w. ENINOAYAPATOYAPTAMITIOY, circu-
3. <u>IC-</u> -	APISTOKAEYS, circular, rose, I 15, found in 84 e.	· [13]	lar, rose, S6 g 3. [ENITI] MOOEOY NANAMOY, circular,
4. <del>O</del> A	Illegible, circular, rose, N. G. T. 6. Illegible, circular, rose, S4 d. Illegible, circular, rose, S6 i.	10. [[1]	rose, 88-803. ENINOAYAPATOY NETAF[EITNYOY]. circular, rose, H. S. 1.
5. (AO)	ENEY≼ΔEY, circular, rose, S5 d.	11.	₹TOK? P?, circular, rose, S3 f.
- 6. E. +	EΠΙ ANAMOYΔΕΥΤΕΡΟΥ, circu-	12. 🔷	Illegible, circular, rose, S11-8.
7. 📵	lar, rose, found in S10 a. E∏IAPI≲TO∆AMOY BATPOMIOY. circular, rose, found in S3 street w.	13. Illegible.	Illegible, circular, rose, S1 above basing EYAPANOPO€, circular, Helios-head S6 a.

## b. AS THE ONLY STAMP

When used alone the monogram stamp is usually placed on the top of the handle.

15. [o] Reg. No. 3365, S5 street, July 7, 1910.	17. 🕶	Underneath, Reg. No. 3696, L. T. 1 July 30, 1910.
16. YOM Reg. No. 4174, 88-801 S, Sept. 1, 1910.	18.	Illegible. Reg. No. 3241, 85 c, July 1910.

(Reisner, 1924a: 315-316)

### C. TWIN-HANDLES

The handles made of two adhering parallel strands of clay sometimes have two stamps, one on each strand. As no whole jars were found, it is not possible to say whether the opposite twin handle was also stamped or not. The left hand strand as you look towards the neck is A and the right B.

.1.	•	CΩΠ[A] ΤΡΟ	Y, Reg. No. 4011, S7-357 sub, Aug. 20, 1910.	8.		EPMIAZ, Z717F7EZZA	Reg. No. 4093, S9, Aug. 24, 1910
			-ith a ship shows The ST OFOR			BOLLA.	Reg. No.3134, S5a, June 29, 1910
,	₿.	Blank.	with a club above, Reg. No. 3567, S6 e E, July 21, 1910.	10.	A.	өінепијм,	Reg. No. 4854, S11-22 black dirt Oct. 13, 1910.
3.		A club in a re	Reg. No. 3550, S6 h, July 19, 1910. ectangle.	11.	A.	E€NO, - •	Reg. No. 4591, S8-811, Sept. 20 1910.
4.	<b>A.</b>	BABACEY,	with a club below, Reg. No. 4780, S11-1 S, Oct. 8, 1910.	12.	A.	-ONIPOTT-	(reversed?) Reg. No. 3635, S6 c July 26, 1910.
<b>5</b> .	A.	IKACOY,	with a club (?) below, Reg. No.	13.	В.	K∗IVI,	Reg. No. 2205, 83 e, Sept. 21, 1909.
			2244, S5 e, north of Greek Fort Wall, Sept. 28, 1910.			Palm leaf.	
			Reg. No. 3538, 85 e, July 18, 1910.	15.	В.	Figure of a m	an Reg. No. 2445, 83 b between street walls, Oct. 6, 1909.
7.	4.	TATPOY	and a second line, Reg. No. 2923, 82 III 67, June 21, 1910.				
	B.	<b>A</b>	er er er	•	*	٠. ٠	<b>'</b> .
		•	D. FLAT HANDLES	, C	CAC	rse ware	€.

		-			
1.	ΕΠΙΞΕΝΟΚΙΟ, ΥCΚΛΕΥΠΟΛΙ, ΟCΚΝΙΔΊ,	Reg. No. 4889, S11, N of middle, Oct. 17, 1910.	- 8.	EYAN, OOY, leaf	Reg. No. 2323, S3 d, Oct. 11, 1909
2.	I≷TYTOY, vase APTEMIA∆I,	Reg. No. 2208, S3 e, Sept. 23, 1909.	9.	πγθίον,	Reg. No. 2177, S3 b NE low, Oct. 5, 1909. Inscription reversed.
3.	MENΩY. NYCIOY.	Reg. No. 2028, L. T. 3 a-39, Sept.	10.	ΔΙΟΝΟΥ,	Reg. No. 2344, S3 street E sub. Oct. 13, 1909. Inscription reversed.
0.	NI	8, 1909. Inscription reversed.	11.	( <u>X</u> )	Reg. No. 3401, L. T. E. a, July 9. 1910.
4.	φίλιζιος, paddle	Reg. No. 4665, S8-880, Sept. 26, 1910.	12.		Reg. No. 3546, S6 a, July 19, 1910 Shaded part illegible.
5.	ΘΑCIΩΝ, Θ]Α≷IΩΝ, tripod	Reg. No. 3695, S4-327 sub, July 30,	13.	Pomegranate in	a circle, Reg. No. 3308, S5 d, July 4. 1910.
	I\$OAIKO\$,	الله أَنْ الله الله الله الله الله الله الله الل	14.	7	Reg. No. 3630, S6 e, July 26, 1910.
ß.	Θ] ΑCΙΩΝ.	Reg. No. 3457, S4-347 sub, July 13		Illegible.	Reg. No. 2287, S3-310, Oct. 6, 1909.
	leaí A] FECTPATO,	1910.	16.	EY	Reg. No. 2720, Cl. T., Aug. 14, 1909.
7.	APIETO,	Reg. No. 2242, S3 c, Sept. 28, 1909.	17.	EZ	Reg. No. 2270, S3-311, Oct. 6, 1909

(Reisner, 1924a: 316)

ΓENEY₹.

#### INDEX OF GREEK NAMES - SAMARIA: CROWFOCT

One group comes from a deposit dumped apparently when the casemate wall was robbed for the construction of the Hellenistic fort about the middle of the second century (SS I, pp. 119, 120). It contained seven handles of period I eponyms, ten of period II, one each of periods III and IV—nineteen in all that cambe approximately dated but with them fifteen that are uncertain—one of I or III, and fourteen of Pausanias. The number of early handles is striking. The three handles mentioned on p. 118, SS I, are all of period III.

Another group was found by Reisner in a Hellenistic cistern under an early Roman street, HE, pp. 74 and 400). The cistern, Street Cistern 3, contained six dated handles, two of period 11, three of 111 and one of IV besides six that are doubtful—two of I or 111 and four of I or IV. The level when the cistern was in use was 1.50 m. below the street level and the debris dumped in it contained nothing according to Reisner later than

150 B.C., a date which has been questioned though it suits the jar handles.

A third group is later in date: it contained handles of twelve eponyms, one of III (Thestor), three of IV (Autokrates, Pythogenes and Sosikles), and eight of V (Polvaratos & Alexiadas, Aristonax, Archeinos, Hestieios and Lapheides), as well as two potters of V (Sotairos in BCH cit. sup., pl. xxii, no. 24a, and Philokrates), nested together in the empty trench of the east wall of the Israelite tower in Bk. The gate was no doubt destroyed by Hyrcanus' generals about 108 B.C. but the walls do not seem to have been robbed before the forum was faid out and I suggest that the handles may have been thrown into the foundation trench after all stones had been taken for the retaining walls of the forum.

The lists which follow have been compiled from a list sent one by Mrs. Lake which included also prepositions, month-names and emblems. A Roman figure after the name of an eponym denotes the period to which it has been assigned at Delos: the letter H after a date denotes the date assigned by Hiller von Gaertringen to names not found at Delos.

•	EPO	NYMS	tier
ΑΓΕΜΑΧΟΣ	Qc, k, y, Dc, l, (5) III	ΑΙΣΧΥΛΙΝΟΣ	$Qc_{i,m}, n + g + H$
ΑΓΕΣΤΡΑΤΟΣ	Qc, e, Td, K (6) III	ΑΛΕΞΙΑΔΑΣ	Bk, Dd (2+V
ΑΓΗΣΙΠΠΟΣ	Sf, Qn, y (3)	ΑΛΕΞΙΜΑΧΟΣ	Qc, n, y, Dg, k,n, $\Gamma$
ΑΓΛΟΥΜΒΡΟΤΟΣ	Qc, h, y, G (6) III		(8) IV
ΑΓ <mark>'</mark> ΛΩΚΡΙΤΟΣ	Qn (8) II	. ΑΝΔΡΙΑΣ	Zd(r)V
ΑΘΑΝΟΔΟΤΟΣ	Qn, y, Dn, Sc (4) III	ΑΝΔΡΟΝΙΚΟΣ	Q, Qe, g, Da, d, g, Tc,
ΑΙΝΗΣΙΔΑΜΟΣ	Dg, h (2) I and III		Za (ro) IV 2, V
ΑΙΝΗΤΩΡ	Q, Qd (2) III	ΑΡΑΤΟΦΑΝΗΣ	Qc, c (2) III
ΑΙΣΧΙΝΑΣ	Qf, h, Td (3) V	ΑΡΕΤΑΚΛΗΣ	Qn (1) I
	38	80	r

(Crowfoot, 1957: 380)

# INDEK OF GREEK NAMES - SAMARIA: CROWFOOT

. ΑΡΙΣΤΑΚΟΣ	Qa, Dg (2) V	ΕΥΦΡΑΝΟΡΙΔΑΣ	Qb, c (2) with Axios
APIZTANAZ	Bk (r) V	ΘΑΡΣΙΠΟΛΙΣ	Bb, c, Dd, Qd, m, n
ΑΡΙΣΤΕΙΔΑΣ	Qe, Dd, g, Gc (7)	0505414505	(9) II
ΑΡΙΣΤΕΥΣ •	I and III Qn (1) I	ΘΕΡΣΑΝΔΡΟΣ	Qe, e, l, Dd, Tc (5) with Axios V
	Qc, f, Te (3) V	ΘΕΣΤΩΡ	Bk, K, Qb, d, e, y
ΑΡΙΣΤΟΓΕΝΗΣ	-		16) III
ΑΡΙΣΤΟΔΑΜΟΣ	Qb (1) III	ΘΕΥΔΩΡΟΣ	Qg, k, m, n, y, Dd,
ΑΡΙΣΤΟΚΡΑΤΗΣ	G(i)		Ta(11) II
ΑΡΙΣΤΟΜΑΧΟΣ	Dg (1) V	ΘΕΩΝ (?)	Qd (1)
ΑΡΙΣΤΟΜΒΡΟΤΙΔΑΣ		ΘΕΥΦΑΝΗΣ	Qn, y (4) H
ΑΡΙΣΤΟΠΟΛΙΣ	Da (1) V	ΘΡΑΣΥΔΑΜΟΣ	Qa, d, h, y (4)
ΑΡΙΣΤΡΑΤΟΣ	Qe, Dc (2) V	ΙΑΣΙΚΡΑΤΗΣ	Qc, l, m, y, K (6) III
ΑΡΙΣΤΩΝ	Qy (1) III	ΙΕΡΩΝ	Qd, f, Di, Td (4) III
ΑΡΙΣΤΩΝΙΔΑΣ	Ql, n (2) III (H)	ΚΑΛΛΙΚΡΑΤΗΣ	Qb, d, f, n, y. Do,
ΑΡΜΟΣΙΛΑΣ	Qy, Ta (2) II		K (7) I and IV
ΑΡΧΕΙΝΟΣ	Bk, Qd, f (5) V	ΚΑΛΛΙΚΡΑΤΙΔΑΣ	Qb, c, e, g, n, y (6)
ΑΡΧΕΜΒΡΟΤΟΣ	Qf, Ql (2) $\mathbf{V}$ and $\mathbf{V}\mathbf{I}$	•	I and III
ΑΡΧΙΒΙΟΣ	Qb, Tc (2) V	ΚΛΕΑΡΧΟΣ	Qh, ñ (2) H
ΑΡΧΙΛΑΙΔΑΣ	Qc, g, n, y, Dg, Zd	ΚΛΕΙΤΟΜΑΧΟΣ	Qh, n, y (4) III
	(6) III	ΚΛΕΥΚΡΑΤΗΣ	Qy (1) III
ΑΡΧΟΚΡΑΤΗΣ	Qy, Dg, K (3) III	ΚΛΕΝΟΣΤΡΑΤΟΣ	Dg_(t) V
ΑΥΤΟΚΡΑΤΗΣ	Bk, Qy, Dd (6) IV	ΚΛΕΩΝΥΜΟΣ	Dc, Qd, i, n, x, y, z,
ΓΟΡΓΩΝ	Qc, y, Td (3) IV?	c#	Td (9) III
-ΔΑΗΜΩΝ	Qm, n, y (3) I	ΚΡΑΤΙΔΑΣ	Qc, v (2) III
ΔΑΜΑΙΝΕΤΟΣ	Qb, h, y (8) IV	. ΛΑΦΕΙΔΗΣ	Bk, Qf, h (3) V
ΔΑΜΟΘΕΜΙΣ	$Qc, l, x, y, K(g) \Pi$	ΛΕΟΝΤΙΔΑΣ	Qe (1) V
ΔΑΜΟΚΡΑΤΗΣ	Qb (1) <sup>©</sup> with Axios	ΛΥΣΑΝΔΡΟΣ	Qc (1)
	IV (H)	ΜΥΤΙΩΝ	Qb, k, n (3)
ΔΑΜΩΝ	Da, c, 1 (3) IV	ΝΙΚΑΣΑΓΟΡΑΣ	Qf (1) III
ΔΟΡΚΥΛΙΔΆΣ	Qa, g, h, l, y, Dg (7)	ΝΙΚΩΝ	Qb, n, Te, Se (5) I
	III	<b>ΞΕΝΟΔΑΜΟΣ</b> (?)	Qn (1)
ΕΞΑΚΕΣΤΟΣ	Qn (t) I	ΣΕΝΟΣΤΡΑΤΟΣ	Qc, d, n, Dj (6) II
ΕΞΤΙΕΙΟΣ	Bk, Qa (2) V	ΞΕΝΟΦΑΝΗΣ	Qb, d, f, Dd, Te (5)
ΕΥΑΝΩΡ	$Q\Gamma(r) V$	26100711112	II and III
ΕΎΔΑΜΟΣ	Qy, Te (2) IV ?	<b>ΞΕΝΟΦΑΝΤΟΣ</b>	Bn, Dg, village (3)
ΕΥΔΩΡΟΣ 💉	Qn (r)		IV
ΕΥΚΛΗΣ	Qb, n, y (4) I	<b>ΞΕΝΟΦΩΝ</b> .	Qc, y, Dj, o, Td (6)
ΕΥΚΡΑΤΙΔΑΣ	Qg, h (2) II, IV ?	*	III
		31	

(Crowfoot, 1957: 381)

# INDEX OF GREEK NAMES - SAMARIA: CROWFOOT

ΠΑΥΣΑΝΙΑΣ	Qc, d, f, g, h, n, z, Da, c, e, g 123) I	ΣΩΚΡΑΤΗΣ	Qc, f, n, v, Dd, 1 ro
	Da, c, e, g (23) I and IV	ΣΩΣΙΚΛΗΣ	Bk, Dj, Q, Qd, h, n,
ΠΕΙΘΙΑΔΑΣ	Qb, c (2) II		Ta, T 3 IV
ΠΕΙΣΙΣΤΡΑΤΟΣ	Qk, n, y, Dj, 1 (5)	ΣΩΣΤΡΑΤΟΣ	Qg, n, $K_{\pm 5}^+H$
	IV	ΣΩΧΑΡΗΣ	Dc, Q. Qn 5 I
ΠΟΛΥΑΡΑΤΟΣ	Bk, Dc, g, Qb, e, A	ΤΙΜΑΣΑΓΟΡΑΣ	Qa, b, f, n, z, T m.
ΠΟΛΥΚΛΗΣ	Ql, Dc *2 *	ΤΙΣΑΜΕΝΟΣ	Qc, f, DL $3 \in V$
ΠΟΛΥΚΡΑΤΗΣ	Qe, g, n (3) I	ΤΙΜΑΓΟΡΑΣ	$\operatorname{Tc}\left( \mathbb{D}\right) \operatorname{V}$ and $\operatorname{VI}$
ΠΡΑΤΟΦΑΝΗΣ	Qb, n, x, y, Dg (7)	ΤΙΜΑΡΧΟΣ	$Q\mathbf{y} \circ \mathbf{r}$
	Ш	ΤΙΜΟΔΙΚΟΣ	B, Qc (3) \
ΠΥΘΟΓΕΝΗΣ	Bk, D, Da, g, Qb, c,	ΤΙΜΟΘΕΟΣ	Qe, f (2) V
	f, h, l, y, Td, S (20)	ΤΙΜΟΚΛΕΙΔΑΣ	Qb, n, $T_{\pm 5}$ , I
TT/COA OBOT	• •	ΤΙΜΟΚΛΗΣ	Qb, n +2+ I
ΠΥΘΟΔΩΡΟΣ ΣΘΕΝΕΛΑΣ	Q, y, Dd (3) IV Qc (1) I	ΤΙΜΟΥΡΡΟΔΟΣ	Ba, Da, Q+3 IV Pl. xix. to
ΣΙΜΥΛΙΝΟΣ	Qd, n, Da (4) II	ΦΙΛΟΔΑΜΟΣ	Qd, z, K, T 4 III
ΣΥΑ(ΦΗΣ) (?)	Qn+t)	ΦΙΛΟΚΡΑΤΉΣ	Qm, n/3+I
ΣΥΜΜΑΧΟΣ	Qb (1) III	ΦΙΛΩΝΔΑΣ,	Qa, e, k, n, v, w, Dn
ΣΩΔΑΜΟΣ	Qb, n, y, Dg, K (7)	ΦΙΛΩΝΙΔΑΣ	(13) I
	II	ΧΑΡΜΟΚΛΗΣ	Qe, п, у 🖅 П
	RHODIAN	POTTERS	
ΑΓΑΘΟΒΟΥΛΟΣ	w	ΑΠΟΛΛΩΝΙΟΣ	Qc+r+
ΑΓΑΘΟΚΛΗΣ	Qd, n, y, De, K, Te		Qd, Dl, Te
	(6)	ΑΡΙΣΤΙΩΝ	Qb, k, n, v, Da,
ΑΓΡΙΟΣ	T (1)		c, fe (16)
ΑΓΗΣΙΛΑΣ	Qh, n (3)	ΑΡΙΣΤΟΓΕΙΤΟΣ	Qe+r+
ALOBANAE	Q, Qb, c, h, n, m, v,	ΑΡΙΣΤΟΚΛΗΣ	Qc, n, w, Dd, I, Sd,
A 18 17 A 99	Bk, Dd, g, Zd +16+		T 1111
ΑΙΝΕΑΣ	Dgiri	ΑΡΙΣΤΟΚΡΑΤΗΣ	Qb, c, d, g, h, l, v, z,
ΑΛΚΙΜΑΧΟΣι	Qy+I+	711 121 0111 711 12	De, k, St. 14.
ΑΜΥΝΤΑΣ	Qb, c, Dd, n, S 161	ΑΡΙΣΤΟΣ	QLar
ΑΝΑΞΙΠΤΙΔΑΣ	Qn, Td, Z (3)		-
ΑΝΤΙΜΑΧΟΣ	Qd, e, g +3+	ΑΡΙΣΤΟΦΑΝΗΣ	Qn r
AΞΙΌΣ	Qb, c, l, n 171	ΑΡΤΕΜΙΔΩΡΟΣ	Qd, e, n 3+
ΑΠΟΛΛΟΦΑΝΗΣ	Qh, Da (2)	ΑΡΤΕΜΩΝ	Qe, $Dg(2)$
ΑΠΟΛΛΩΝΙΔΑΣ	Qy (1)	APTIMAΣ	Bk, Qf, Td, Zd 70
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	3°	32	

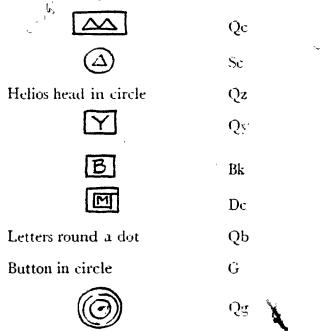
(Crowfoot, 1957: 382)

ΒΡΟΜΙΟΣ         Qf, h, n, Da, l, Td         IMAΣ         Qc, f, g, Dl, Ga (5)           ΓΛΑΥΚΙΑΣ         Dc (1)         (9)         (9), n, Ba, k, Da, g, T           ΔΑΜΑΤΡΙΟΣ         Qb (1)         ΚΑΛΛΩΝ         Dc (1)           ΔΑΜΟΚΡΑΤΗΣ (2)         Qa, b, c, d, n, y, D, e, Zd (14)         ΚΑΕΩΝ         Qn (1)           ΔΑΜΟΣΘΕΝΗΣ (2)         Qc (1)         ΚΑΕΩΝ         Qn (1)           ΔΑΜΟΣΘΕΝΗΣ (2)         Qc (1)         ΛΙΝΟΣ (2)         Db (1)           ΔΑΜΟΣΘΕΝΗΣ (2)         Qc (1)         ΛΥΣΙΩΝ (2)         Dc (2)           ΔΙΟΔΟΤΟΣ (2)         Qn, y (2)         ΜΑΝΗΣ (2)         Qh, y, Dd (4) (2)           ΔΙΟΛΙΕΙΑ (2)         Qn, z (2)         ΜΑΡΣΥΑΣ (2)         Qh, y, Dd (4) (2)           ΔΙΟΛΙΕΙΑ (2)         Qr, l, Td (3)         ΜΕΝΕΚΡΑΤΗΣ (2)         Qn, Tb (2)           ΔΙΟΦΑΝΤΟΣ (2)         Qr, l, Td (3)         ΜΕΝΕΣΤΡΑΤΟΣ (2)         Qr, Tb (2)           ΔΙΘΑΛΙΤΙΔΑΣ (2)         Qr, n, De, Ga, Td         ΜΕΝΩΝ (2)         Qr, t (1)           ΔΕΡΙΟΝ (2)         Qr, n, De, Ga, Td         ΜΕΝΩΝ (2)         Qr, k, n, y, z (10)           ΔΕΡΙΟΝ (2)         Qr, n, v, De, g, Ta         ΜΙΚΥΘΟΣ (2)         Qr, t, Td (2)           ΕΙΡΙΑΙΑΙΟΙ (2)         Qr, y, y, z (4)         NANIZ (2)         Qr, y, y, x, K (6)
ΔΑΜΑΤΡΙΟΣ         Qb 11         ΚΑΛΛΩΝ         Dc 11           ΔΑΜΟΚΡΑΤΗΣ Γ΄         Qa, b, c, d; n, y, D, e, Zd (14)         ΚΑΕΣΙΜΒΡΟΤΙΔΑΣ         Qy, K (2)           ΔΑΜΟΝΙΚΟΣ         Qn, y (2)         ΚΡΕΩΝ         Qn, y), Dg, Td (15)           ΔΑΜΟΣΘΕΝΗΣ         Qc (1)         ΛΙΝΟΣ         Do (1)           ΔΑΜΟΣΘΕΝΗΣ         Qc, f (2)         ΛΥΣΙΩΝ         Dc (2)           ΔΑΜΟΣΘΕΝΗΣ         Qc, f (2)         ΛΥΣΙΩΝ         Dc (2)           ΔΙΟΔΟΤΟΣ         Qn, y (2)         ΜΑΝΗΣ         Qx (1)           ΔΙΟΛΙΕΙΑ         Qn, z (2)         ΜΑΡΣΥΑΣ         Qh, y, Dd (4)           ΔΙΟΝ ΣΙΟΣ         Qf, I, Td (3)         ΜΕΝΕΚΡΑΤΗΣ         Qn, Tb (2)           ΔΙΟΣΗΣΙΟΣ         Qc, d, n, T (5)         ΜΕΝΕΣΘΕΥΣ         Qy, Td (2)           ΔΙΟΣΗΛΟΝΤΙΔΑΣ         Qc, n, De, Ga, Td         ΜΕΝΣΤΡΑΤΟΣ         Qf (1)           ΔΕΡΙΟΝΙΙΔΑΣ         Qe, n, De, Ga, Td         ΜΕΝΩΝ         Qd, k, n, y, z (10)           ΔΕΡΙΟΝΙΙΔΑΣ         Qe, I, n, G, K, S (6)         ΜΙΔΑΣ         Q. Qc, e, f, Bk, Dc, d, Td (11)           ΕΙΡΙΟΝΙΑΙ         Qe, I, N, Q, De, g, Ta         ΜΙΚΥΘΟΣ         Qk, n, g, Da, Ka, Tc (9)           ΕΠΙΓΟΝΟΣ         Qe, I, De, g, J, Bb, NKΙΑΣ         NΙΚΙΑΣ         Qh (1)           ΕΓΙΕΙΟΣΕΙ
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EIPHNAIGE $Q_{0}$ it
EPHNAIOΣ $Qe : t$
EMIFONOE Qu. c. d, k, n, y, Dc MONAZ ?: $Qb \mid I$ Qb   $I$ Qc Qx, y, $Z \mid I$ NIKAFIS Qf, g, y, x, K b NIKIAZ Qh   $I$ Qc   $I$ Qb   $I$ NYSIOS Qa, y, D, T   $I$ EPPANOP Qb   $I$ ENOTIMOS Qu   $I$ Qb   $I$ ENOTIMOS Qu   $I$ Qb   $I$ Qb, y, Td, e, K $I$ Qb   $I$ Qc   $I$ perhaps an eponym HPAKAEITOS Te   $I$ Qu   $I$ Qb   $I$ Q
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HPAKΛΕΙΤΟΣ $T_{C,(T)}$ ONAΣΙΜΟΣ $Qb, h, T_{(3)}$
HUDALITION On $e + D_0$ (1)
ONAΣΙΟΙΚΟΣ Qe, Ta, near mosque
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TON Balty Eg 1)
TEPOFILITE Que to The property of the propert
TEPOTEΛΗΣ (2) Qy (1 ΠΙΣΤΟΣ Qb (1)
TEP $\Omega$ N Q $\Gamma_{e,D}$ ПОЛУАРАТОБ Q $e_{e,Q}$
3 <sup>17</sup> 3

(Crowfoot, 1957: 383)

ΠΟΛΥΞΕΝΟΣ	Qy, z, T (3)	ΤΙΜΟΓΕΝΗΣ	Qb, n, x 4
ΠΟΤΑΜΟΚΛΗΣ	Qn +1+ BCH, 1952,	TIMOKPATHE	Qy+t
	p. 535, pl. xxi, 14.	TIMOZENOZ	Qã, e. l ;
ΠΡΟΘΥΜΟΣ	c. 300 B.C. Td (1)	$TIM\Omega$	Qc. f. D <sub>1-1</sub>
ΡΟΔΩΝ	Q, Qc, f, m, y 151	ΦΑΝΙΑΣ	$Qu, De^{-\frac{1}{2}}$
ΣΠΑΣΙΛΑΣ (?)	Qb (1)	ΦΙΛΑΙΝΙΟΣ	Qladakan, navaza
ΣΥΡΙΟΣ	De (1) ECH, pl. xxiii,	ΦΙΔΙ <b>ΙΠΙ</b> ΟΣ	Te 15
	25. 2nd cent. B.c.	ΦΙΛΙΠΠΟΣ ΦΙΛΟΚΡΑΤΗΣ	Qz 1 donole handle
ΣΩΣΙΛΑΣ	Dd (I)		Bk, x 2 \
ΣΩΤΑΣ	Bk. Qc, e (3)	ΦΙΛΟΣΤΕΦΑΝΟΞ	Qb, c, g, Bk, x 🦠
ΣΩΤΑΙΡΟΣ	Bk (t) BCH, pl. xxii,	ΦΙΛΤΑΤΟΣ	Qe r
	24	ΧΑΡΗΣ	Qb, g, Dg $_{\pm}$
ΣΩΤΗΡΙΧΟΣ	Qc (1)	ΧΡΗΣΙΜΟΣ	Dc + r
ΤΙΜΑΡΑΤΟΣ	Dh (1)	ΧΡΥΣΙΠΠΟΣ , '	Tb r

There were the following substamps on handles from which everything else had been broken or was illegible:



Circular stamp with rose in a frame of dots Qb, Qc

In addition, Mrs. Lake writes, there were four stamps, one oval and three encodar with rose, which had never contained more than the name of the month, and 437 50 illegible as to yield no name or only that of a month. There were also a certain number

of handles from which practically all traces of the stamp had disappeared and which meretore were not listed.

### 2. Caratiri Stamps

Miss Grace reads:
EΠΙ ΦΙΛΟΜ

ΒΡΟΤΙΔΑ ΖΗ

ΝΟΔΟΤΟΥ device
- retrograde:

[ΕΠΙ ΕΥΦΡΑΓΟΡΑ]

ΑΡΙΞΤΑΝΔΡΟΥ

ΕΛΙΙΔΙ ΟΝ σατ

## A. san 2 stamps

Miss Grace regards these, with a double handle, as probably Coan. A sixth from Tamith a double handle has a stamp with a long leaf but no name.

APΓHOΣ	Qn+1
ZOMALI: 9A	Qe (t)
EINOI	Qe +1+
7 HIJH JALL	Td (1)
K.OPINOOZ	Surface (1)

## 2. Pronta perhaps from Sinope

AETTNOMOY ANDALOOY TOY APTEMIADPOY MENON On 121

. The second of these had a vase to the right. Two other stamps of the same type which were found were entirely illegible.

### 7. Therman sheries

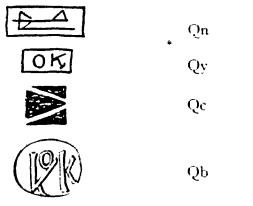
⊕ AZIΩN	with star and crescent and [K] $\Lambda$ EO $\Phi$ $\Omega$ [N] beneath.	Qe
E. BOIOE	with wand and ΘΑΣΙΩΝ beneath.	Qc
GAZION	with rudder and ΘΑΣΩN beneath.	Qc
PAZION	with sword and ΑΙΣΧΡΙΩΝ beneath.	Ta
CHAZION	with crescent, herm and ΦΗΛΙΣΚΟΣ beneath.	Qc. Pl. vix. 12
	with prow and ΘΑΣΙΩΝ beneath.	6
idem	with amphora and $\Theta A\Sigma I\Omega N$ beneath.	Qc
OAZION	with vase and NYM $\Phi$ [ $\Omega$ N or [ $I\Sigma$ beneath.	Qn
CAZION	with vase and 👪 ΔΗΛ beneath.	Qn
	385	

(Crowfoot, 1957 385)

### 6. Doubtful stamps | Mrs. Lake)

Al'IA	A
APA   APA	Dg
ΑΦΡΟΔ	Qe
BEPOA	Dd
ГОР	Qn
ΔΙΟΓΕΝ .	Qn
ΔΩΟΥ	Qc
ΕΛΠΕΥΣ .	Qn
ΕΥΚΛΕΥΣ	Dj
ΗΓΗΣΙΟΥ	Qd
ΕΠΙ ΘΡΑΣΔΑΜΟΥ	Qc "on two raised bars".
KAPNOI   KAPNOY	K
ΠΑΝ <del>Ι</del> Α	Qb heart shaped stamp.
<b>SAMOY</b> with month ab	ove Qx+t+
ΣΥΣΤΕΥΣ "retrograde"	T.J. (1)
YOM	D, Dg (2)
ΦΡΟΝΟ	Qh

Allong leaf (double handle, Coan?) Ta



I learn from Miss Grace that of the above list Aphrodishos, Diogenes, Dato. Lull Karpos and Samos are known Rhodian names; Samos regularly occurs with igneth above Elpeus may be a version of Euseus. Pana in a heart-shaped stamp is short for the mooth Panamos, and the stamp comes from a jar of the potter Epigonos, the labricant and eponym having been combined in the other stamp—very likely the one listed below among the pairs. Hegesias and Mou[ there written YOM) are Chian. Thrasdamos may be

Thrasydamos, and go in among the Rhodian eponyms. The monogram from Qb is probably Chian, and may be as late as the first century B.C.

In conclusion Mrs. Lake noted: The number of necks found with both handles still attached disappointingly few, but on the other hand there were a number of Rhodian seals on which the names both of potter and of priest appear. The following are found to be contemporaries:

Potter	Priest
Agoranax	Tharsipolis
Antigonos	Hieron
Axios	Damokrates
,,	<b>Euphranoridas</b>
,,	Thersandros
"	Timokles
Dios	Kleonymos
Epigonos	Xeno f
Zeno	Exakestos
Menestratos	Aristombrotidas
Chresimos	Simulinos

#### APPENDIX I

### KEY REFERENCES: SITES OUTSIDE OF ISRAEL

The following is a list of references to (mainly) site reports, for key sites outside of Israel, which are of interest because of:

- 1) the large number of stamped handles found at the site,
- 2) the particular value of the handles for dating purposes,
- 3) the Eponym (E) or Fabricant (F) lists,
- 4) the proximity of the site to Israel, or
- 5) the quality of the presentation.

For further references see the "Inscriptions ceramiques." section of the yearly "Bulletin epigraphique" by L. and J. Robert in Revue des Etudes Grecques (REG). This yearly article ends in 1984. However, the "Inscriptions ceramiques" section has been partially replaced, commencing in the 1987 issue of REG, by the "Bulletin archeologique: amphores et timbres amphorique" by J.Y. Empereur and Y. Garlan, which is to be printed every 5 years. Both of these bulletins have only very limited references to the stamped Greek amphora handles found in Israel but have extensive references for other areas around the Mediterranean.

# RHODIAN STAMPS

SITE	RHODIAN	REFERENCE	COMMENTS .
Alba Fucens	21	Mertens, 1955.	Central Italy.
Alexandria	27901	Grace, 1956b.	Alexandria Mus. collection.
Alexandria		Grace, 1965b.	Includes Benaki collection.
Alexandria	,	Grace, 1966a.	No details about stamps.
Alexandria	49748	Grace, 1962b.	See table p. 106.
Alexandria	66,000	Grace, 1966b.	Benachi collection.
Athens	81	Grace, 1934.	Agora. Index of names.
			Pairs table p.219.
Athens	4000?	Grace, 1954.	National Museum, Athens.
		•	No details about stamps.
Athens	43	Grace, 1956c.	Pynx. E & F lists.
Athens	4432	Grace, 1970a.	Agora. Summary only.
Athens	885	Grace, 1985.	Agora. E & F list.
			Exact dates for 13 E.
Byblos	46	Dunand, 1939.	No parallels.
Byblos	14	Dunand, 1954.	No parallels.
Byblos	180	Dunand, 1958.	No parallels.
Byrsa	22	Ferron, 1955.	(Čarthage).
Byrsa	55	Ferron, 1961.	
Cyprus	30 pairs	Hall, 1885.	14 - Ringling Mus. Sar. Fl.
			Cesnola Collection.
Cyprus	14 pairs	Grace, 1948.	Corrections to Hall, 1885.
Cyprus	15 pairs	Nicolaou, 1986.	Museum at Nicosia
Delos	1339	Grace, 1952.	Extensive E & F lists.

Delos	49 -	Grace, 1970a.	Maison de Comed. E & F list
Delos	13 -	Harcade, 1954.	Yearly Report for 1953:
Egypt	23	Nachtergael, 197	78. E & F list.
Kition-Bamb.	110	Calvet, 1982.	Cyprus. E & F list.
Labraunda	23	Saflund, 1980.	Turkey. E & F list.
Larnaka	5	Hall, 1885.	Cyprus.
Koroni	14	Grace, 1963b.	Attica. Of chronolog. sig.
Koroni		Vanderpool, 1964	4. Crit. Grace's dates.
Misc.	-		. Lists 259 eponyms.
			E & F pairs list p. 250.
Misc.	-	Hiller v. Gaert	., 1931. 309 eponyms,
			some dated.
Nicosia	16	Nicolaou 1986	Cyprus. E & F list.
Pergamon	489	Schuchhardt, 189	95. Catalogue & E & F list.
Rhodes	many	Paris, 1914.	Table of month frequencies.
Salamine	84	Calvet, 1972.	Cyprus. Comb. E & F list.
South Russia	4764	Pridik, 1926.	Extensive E & F lists.
			F list criticized by Grace
	ì		(1970a: 298 fn. 2). 🚓
Syracuse	248	Gentili, 1958.	E & F lists. National Mus.
			E & F pairs list p. 29.
Tarsus	84	Grace, 1950.	E & F lists. 7 S.S.
Villanova	32 pairs	Haiuri, 1924.	Rhodes. 32 whole amphoras.

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# KNIDIAN STAMPS

SITE	KNIDIAN	REFERENCE	COMMENTS
Alexandria	4143	Grace, 1962b.	Summary only. See table.
Argos	74	Lenger, 1955.	
Argos	29	Lenger, 1957a.	
Athens	123	Grace, 1934.	Agora. Index of names.
Athens	14000	Grace, 1954	In National Museum, Athens.
			Summary only.
Athens	12002	Grace, 1970a.	Agora. Summary only.
Athens	76 ~	Grace, 1956c.	Pynx. Index of names.
	*	1. 7. ·	Eponym/duoviri concordance.
Athens,	382	Ĝĝice, 1985.	Dated list of all known
			Knidian Eponyms. List of
			Period VI Knidian eponyms
			with accompanying duoviri.
Delos	173	Grace, 1970a.	In Maison de Comediens.
			Index of names. Update of
			eponym/duoviri concordance.
Delos	4352	Grace, 1970a.	Total to date from rest of
			Delos. Summary only.

## THASIAN STAMPS

(See also the extensive bibliography in Bon 1957:49-55.)

SITE	THASIAN	REFERENCE	COHHENTS
Alexandria	103	Grace, 1962b.	Summary. See table p.106
Athens	15	Grace, 1934.	Agora. Index of names.

70	Grace, 1956c.	Pynx.
2272	Bon, 1957.	Combined total.
2272	Bon, 1957.	Combined total.
2	Grace, 1970a.	49 total to date at Delos.
		Only 2 described.
54	Ghali, 1953.	Excav. in Greece in 1952.
91	Ghali, 1954.	Excav. in Greece in 1953.
many	Garlan, 1986b.	Index of names and emblems.
2272	Bon, 1957.	Combined total.
2272	Bon, 1957.	Combined total.
es 31	Garlan, 1966.	ت
s 194	Garlan, 1966.	
2272	Bon, 1957.	The major reference for
	,	Thasian stamped handles.
35	·	Excav. in 1955 & 1956.
148	Grace, 1958.	Excav. in 1954 & 1957.
80	Garlan, 1985.	•
99	Garlan, 1986a.	
	2272 2272 2 54 91 many 2272 2272 es 31 s 194 2272	2272 Bon, 1957.  2272 Bon, 1957.  2 Grace, 1970a.  54 Ghali, 1953.  91 Ghali, 1954.  many Garlan, 1986b.  2272 Bon, 1957.  2272 Bon, 1957.  es 31 Garlan, 1966.  s 194 Garlan, 1966.  2272 Bon, 1957.  48 Grace, 1958.  6 Garlan, 1985.

# KOAN STAMPS

SIŢE	KOAN	REFERENCE	COMMENTS
Alexandria	902	Grace, 1962b.	Summary only.
Delos	7	Grace 1970a.	Maison des Comediens.
	_		53 to date from Delos.
Kition-Bambo	oula 3	Calvet, 1982.	Fully catalogued.
Labraunda	13	Saflund, 1980.	Fully catalogued! •

# CHIAN STAMPS

SITE	CHIAN	REFERENCE	COMMENTS
Alexandria	87	Grace, 1962b.	Summary only.
Athens	7	Grace, 1956c	Pynx. Index.
Delos	9	Grace 1970a.	Maison des Comediens.
SAMIAN STAMP	S		
SITE	SAMIAN	REFERENCE	COMMENTS
Delos	2	Grace, 1970a.	Maison des Comediens.
Samos	77	Grace, 1971.	Pt Nikitas Haviaras coll.

# PAMPHYLIAN STAMPS

SITE	PAMPHYLIAN	REFERENCE	COMMENTS
Alexandria	`597	Grace, 1973.	Alexandria Museum. Summary,
	·		with only 3 cited.
Athens	1	Grace, 1973.	From National Museum.
Athens	<b>8</b> ,	Grace, 1973.	Agora.
Delos	2	Grace, 1973.	Maison des Comediens.
-			9 to date from Delos.

### APPENDIX J

### LIST OF ALTERNATE NAMES FOR SITES

ALTERNATE NAME NAME USED IN THESIS

Abda Eboda

Acco, Accho

Achshaph Keisan, Tell

Acre, Akka, Akko Accho

Auja el-Hafir Nessana

Avdat Ěboda

Beit Jibrin Beth Govrin

Beitin Bethel

Beth Gubrin Beth Govrin

Dotha, Tell Dothan

Fukhar, Tell Accho

Hesban, Tell Heshbon

Jerash Gerasa

Jokneam Yoqneam, Tel

Kartah Atlit

Khaidar Mor, Tel

Khalasa Elusa

Khirbet et Tubeiqah Beth-Zur

Khirbet Fahil Pella

Kison, Tel Keisan, Tell

Marisa Mareshah

Mastabah, Tell el Istabah, Tel

Nitsanah Nessana

Oboda Eboda

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Pihilum Pella

Ptolemais Accho

Sandahannah, Tell Mareshah

Sandakhanna, Tell Mareshah

Selah Petra

St. Jean D'Acre Accho

Tabagat Fahil 4 Pella

Tanturah Dor

#### **ENDNOTES**

- /1/ See Koehler:1986 for a discussion of the transportation of Greek amphoras. (Endnote for text on page 1).
- The question of whether certain jars, found outside of Canaan and having the form of Canaanite, jars, were exports from Canaan or made by local potters has recently been investigated using the technique of neutron activation analysis (NAA). A sherd from a "Canaanite" jar found at Enkomi Cyprus has been shown by this technique to have been made in Canaan rather than being from an Egyptian-made variation of the Canaanite jar (Gunneweg:168-172). (Endnote for text on page 2).
- Thasian stamped amphora handles are very difficult to date. The sole method of dating them is through their context and almost the only precise dating context available is from the American excavations at Athens in the Agora and the Pynx (Bon:41). (Endnote for text on page 5).
- Hellenistic Chronology." Athenische Mitteilunger 89:193-200. This article could not be located during the research for this thesis. Endnote for text on pages 6 and 30.
- /5/ For an explanation of the use and meaning of the preposition  $E\Pi 1$  with the genitive see Smyth:378, 1689b. (Endnote for text on page 10).

- /6/ For an excellent article on dating by means of stamped amphora handles see Grace, 1985:1-54.

  (Endnote for text on page 19).
- /7/ See Hiller von Gaertringen:cols. 743-745 (German),
  Robert: 460-461 (French), and Borker:193-218 (German) for
  discussion on the order of the Rhodian months.

  (Endnote for text on page 77).
- One software program for printing Greek utilizing a Macintosh computer was noted: The word processing program, Microsoft Word, can utilize Greek and Hebrew fonts available from Linguist's Software, 106R Highland St., South Hamilton, MA 01982. The cost of the font package is about \$125 Canadian.

  (Endnote for text on pages 100 and 104).
- Two other software programs for printing Greek utilizing an I.B.M. compatible computer were noted:

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-Turbofonts is a program by Image Processing Software Inc., Madison, Wisconsin (608 233-5033) and costs about \$250 Canadian. Turbofonts works with most popular word processing programs including WordPerfect. It adds thirty predefined character sets including classical Greek and ancient Hebrew together with their vowel points. Text can be entered from right to left on the screen but in this mode the program does not have wordwrap. Turbofonts requires a Hercules compatible adapter or an enhanced graphics adapter (EGA) and supports most popular printers (Jones: 28).

-Nota Bene a word processing program by Dragonfly Software 285 W. Broadway New York, NY 10013 (212 334-0445), can be purchased with a biblical language supplement package which includes classical Greek. Nota Bene costs about \$625 Canadian (graduate students pay less - about \$360 Canadian) and the language package costs about \$125 Canadian. Nota Bene has right to left text entry with wordwrap and requires an EGA or a Hercules compatible adapter. It supports only a few printers when used with the biblical language supplement package (Jones: 27-28; Mendelson: 43). (Endnote for text on page 104).

- A share-ware program is basically one which can be copied, used and distributed without violating the owner's copyright. However, if you like the program and decide to use it you are required to make a specified contribution to the copyright holder, such as a fixed, minimal registration fee or perhaps the purchase of an original of the program manual. (Endnote for text on page 102).
- /10/ 60k equals about 60,000 bytes or characters and is approximately equal to 30 double spaced pages of text or fifteen pages of single spaced text. (Endnote for text on page 102).
- /11/ A "file manager" type data base works with a single file at a time: e.g., customer address records. A "relational" data base works with multiple, interrelated files: e.g., customer address records, sales records and inventory records, and can

relate fields in one file to specified fields in other files. (Endnote for text on page 107).

/12/ For a method of calculating the size of a record in a Reflex file see Ericson: 241-243. (Endnote for text on page 107).

/13/ For example, the following print settings were used with my printer to produce the Site Data Base Tables with Reflex:

top margin 0 bottom margin 8

printer setup string \015 (Endnote for text on page 107).

/14/ The details for accessing the various library data bases utilized in this thesis are as follows:

#### - WILFRID LAURIER UNIVERSITY:

Phone Number 1, 519, 884-7910

Duplex Full

Baud Rate 300 or 1200

Terminal Emulation DEC VT100

Hours 7 days/24 hours a day

Access Unrestricted for log on but a library

card number must be entered before a book

can be reserved.

When connected hit enter twice and follow sign up procedures. i.e. System CP6

Logon QCAT, LIB

Profile HL

To log off type END

#### - YORK UNIVERSITY:

Phone Number 4 1, 416, 736-5258

Duplex Full

Baud Rate Automatic adjustment

Terminal Emulation DEC VT100

Access Unrestricted

When connected hit enter twice and the system automatically adjusts to your baud rate. At "Enter Number" prompt type "Yorkline" and hit enter twice. The system then calls an internal York number, 8707, and if it answers you are connected to the library system. When connected, hit enter several times to call up instruction menu and prompt.

## -THE CHINGUACOUSY LIBRARY SYSTEM:

Phone Number 1, 416, 791-0337

Duplex Full, no parity, 8 bits.

Baud Rate 300

Terminal Emulation Select DEC VT100 from screen menu.

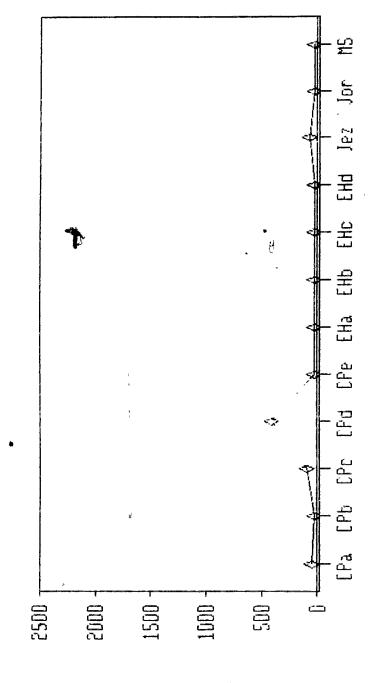
Hours 7 days, 9:00 a.m. to 11:00 p.m.

Access Restricted to library card holders

When connected, identify your terminal make (includes DEC VT100) and press return. You are then required to type in your 8 digit library card barcode number to gain access to the starch facilities. It is also possible to reserve books on this system. To log off type EXIT.

(Endnote for text on page 109).

LOCATION OF HANDLES BY NATURAL REGIONS

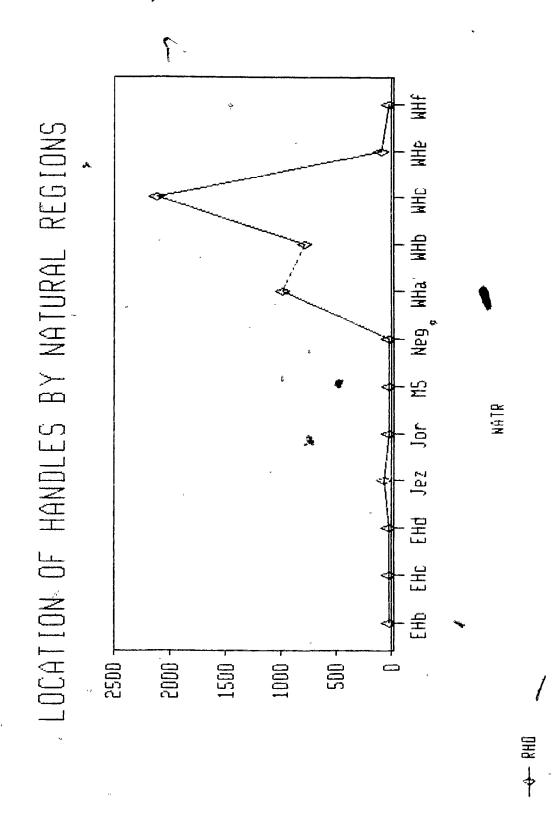


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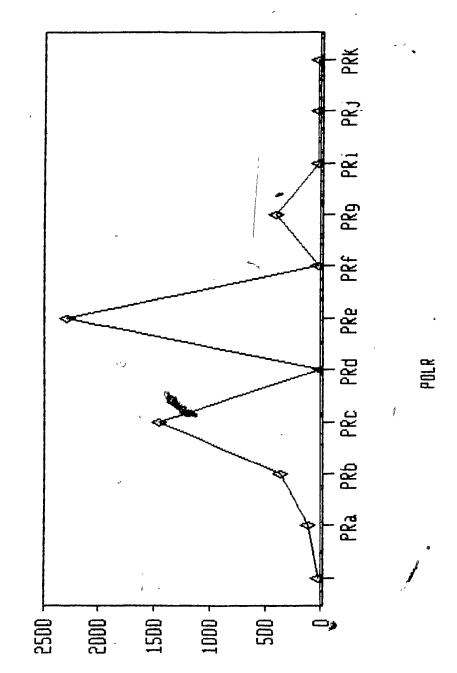
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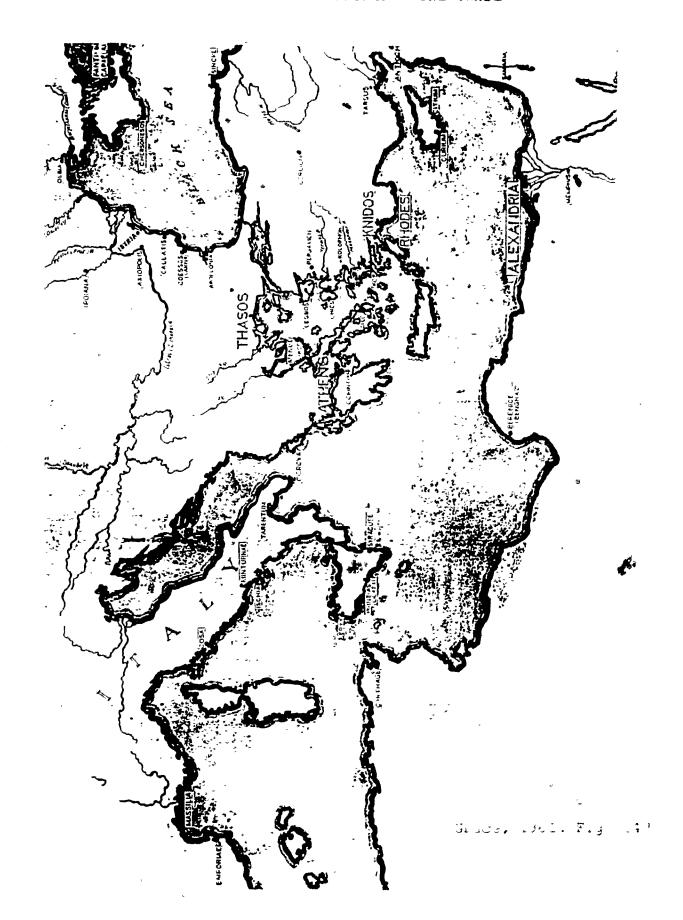


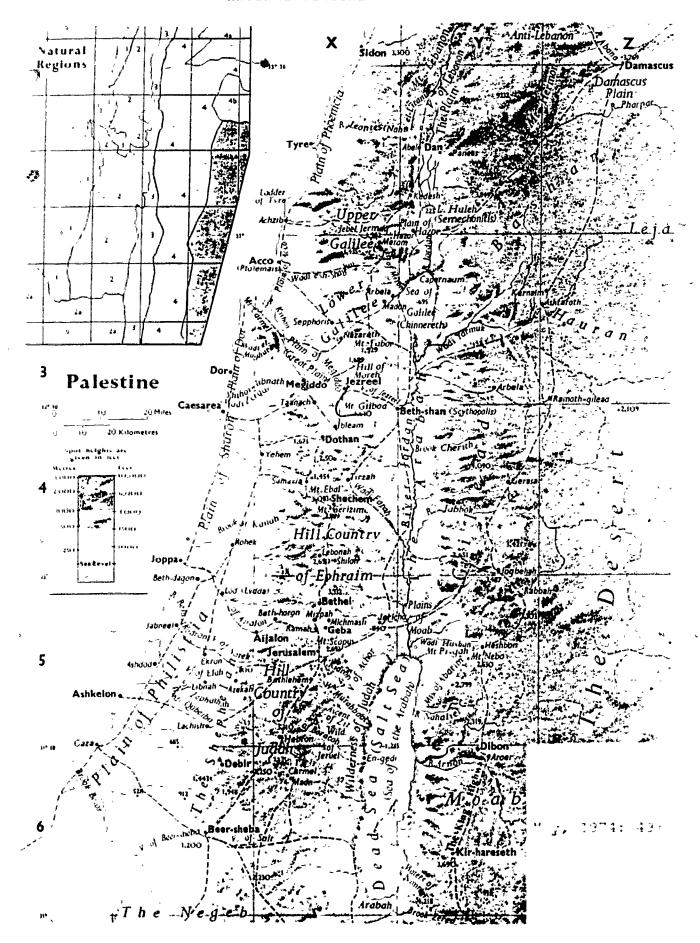
LOCATION OF HANDLES BY POLITICAL REGIONS

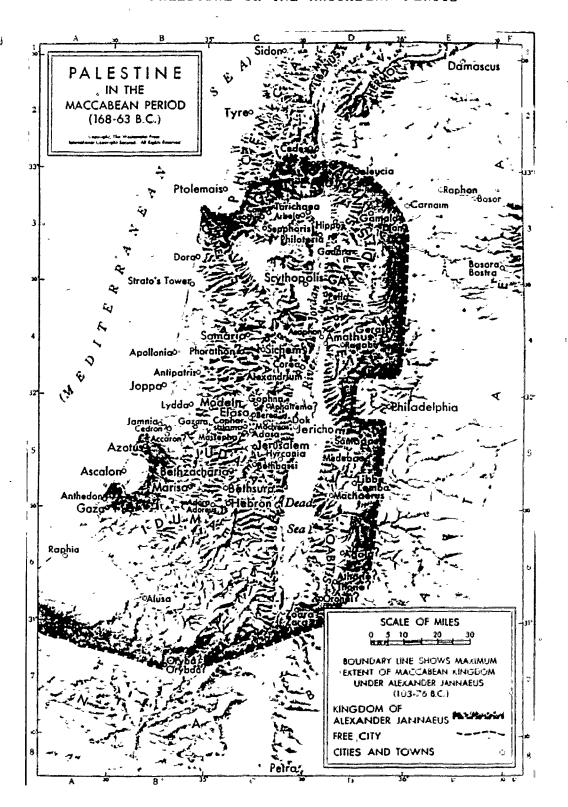


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## LIST OF ABBREVIATIONS

AASOR Annual of the American School of Oriental Research

ADAJ Annual of the Department of Antiquities of Jordan

AJA American Journal of Archaeology

ASOR N American School of Oriental Research Newsletter

BA Biblical Archaeologist

BASOR Bulletin American School of Oriental Research

BCH Bulletin de Correspondance Hellenique

BIES Bulletin of the Israel Exploration Society

(Continues as Yediot after Vol. 24, 1960)

BTS Bible et Terre Sainte

CNI Christian News from Israel

EAEHL Encyclopedia of Archaeological

Excavations in the Holy Land

EI Emetz-Israel

ESI Excavations and Surveys in Israel

IEJ Israel Exploration Journal

JAOS Journal of the American Oriental Society

LA Liber Annuus

OCD Oxford Classical Dictionary

PEFA Palestine Exploration Fund Annual

PEFQS Palestine Exploration Fund Quarterly Statement

(Continues as PEQ after 1938)

PEQ Palestine Exploration Quarterly

Qad Qadmoniot (Hebrew)

QDAP Quarterly of the Department of Antiquities of Palestine

RB Revue Biblique

REG Revue Des Etudes Grecques

YAPS Yearbook of the American Philosophical Society

### LIST OF PLATES

- Plate 1:1 Late 3rd century B.C. Rhodian amphoras

  (Grace, 1961:fig. 22). Text reference p.1.
  - 2 Canaanite jar from the Areopagus Tomb in Athens.
    Text reference p.1.
- Plate 2: Left to right: Rhodian, Knidian, Chian, and Roman amphoras of 1st century B.C. (Grace, 1961:fig. 36).

  Text reference p.7.
- Plate 3: Left to right bottom row: Knidian, Koan and Knidian amphoras of the 2nd century B.C.

  Left to right top row: Rhodian amphora of the 2nd century B.C. and a Thasian amphora of the early 3rd century B.C. (Grace, 1949:pl. 19).

  Text reference p.7.
- Plate 4:1 Koan amphoras: 3rd to 1st centuries B.C. (Grace, 1961:fig. 56). Text reference p.7.
  - 2 Koan amphora handle (Grace, 1961:fig. 59).
    Text reference p.8.
- Plate 5:1-5 Proto-Rhodian amphoras ca. 300 B.C.
  - 6-8 Transitional Rhodian amphoras ca. 289-210 B.C.
  - 9 Typical Rhodian amphora ca. 216-30 B.C.
    (Grace, 1963b:323, fig. 1). Text reference p.8.
- Plate 6: Rhodian amphoras, left to right: early to late 1st century B.C. (None of the stamps can be read.)

  (Grace, 1965a:6, 9:fig. 3). Text reference p.8, 9.

- Plate 7:1 Rhodian amphora stamp; early 3rd century B.C.

  Fabricant Hieroteles (Grace, 1953:119, plate 42:Ia).

  (See Grace, 1965a:6, fn. 6 for date).

  Text reference p.9.
  - 2 Rhodian amphora stamp from same amphora as 7:1 above.

    Eponym Philonidas (no preposition)

    (Grace, 1953:118, plate 42:Ib). Text reference p.9.
  - Rhodian amphora stamp from Tate 3rd century B.C.

    Fabricant Diskos (Grace, 1953:119, plate 42:IIa).

    Text reference p.9.
  - Rhodian amphora stamp from same amphora as 7:3 above.

    Eponym Xenophanes, Month Thesmophorios

    (Grace, 1953: 119, plate 42:IIb).

    Text reference p.9.
  - Plate 8:1 Rhodian amphora of Period III (210-175 B.C.)

    (Giveon, 1963:pl. 8:B). Text Reference p.9.
    - Rhodian amphora, seen from above, showing the stamped handles from amphora 8:1 above,

      Eponym Symmachos, Month Panamos, Fabricant Sokrates

      (Giveon, 1963:26, pl. 8:A). Text reference p.9.
  - Plate 9: Line drawings of Rhodian amphora stamps from periods

    III (210-175 B.C.) and III (175-146 B.C.)

    (Halpern-Zylberstein, 1980:plate 85:30-35, 42-50).

    Text reference p.10.
  - Plate 10: Line drawings showing the development of the South-Canaanite Jar from the 18th to the 8th century (Scale

- 1:10) (Note that 4 is half size and 5 is double size) (Grace, 1956a:fig. 5). Text reference p.15.
- Plate 11: Royal stamps (Bliss, 1902:pl.56).

  Text reference p.16.
- Plate 12:1 YHD-plus-symbol stamps (Saller:194,fig.37).

  Text reference p.17.
  - 2 YRSLM stamps (Saller:192,Fig.36).
    Text reference p.17.
  - 3 Jar handle with YRSLM stamp (Saller:plate 111).
    Text reference p.17.
- Plate 13:1 The four types of stamps from the "Dor group"

  (Ariel:fig.2). Text reference p.18.
  - 2 Complete storage jar and two handles from "Dor group" (Ariel:fig.1). Text reference p.18.
- Plate 14 A general plan of Caesarea Maritima.

  (Levine, 1986:9, plan 1). Text Reference p.39.
- Plate 15 Stamped Bhodian amphora handle from Caesarea

  Maritima. Honth: Dalios, fabricant: Agathokles.

  Text reference p.41.
- Plate 16 Stamped Rhodian amphora handle from Caesarea

  Maritima. Eponym: Exakestos; fabricant: Zenon,
  device. Text reference p.43.
- Plate 17 Stamped Rhodian amphora handle from Caesarea

  Haritima. Fabricant: Nikasagoras, month Dalios.

  Text reference p.48.

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Rhoman



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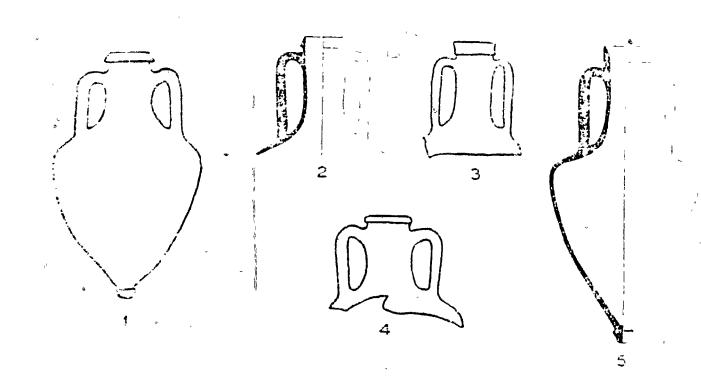
Man,

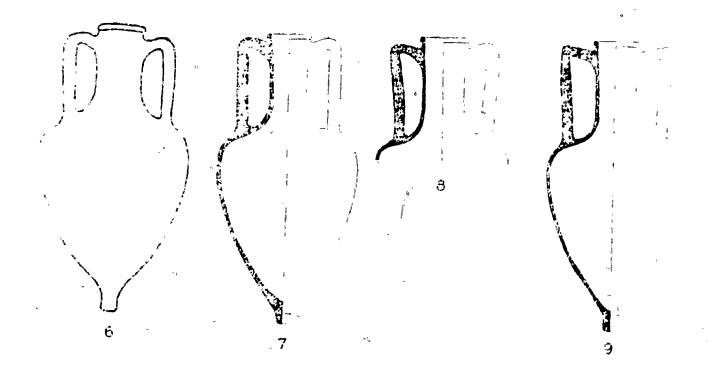


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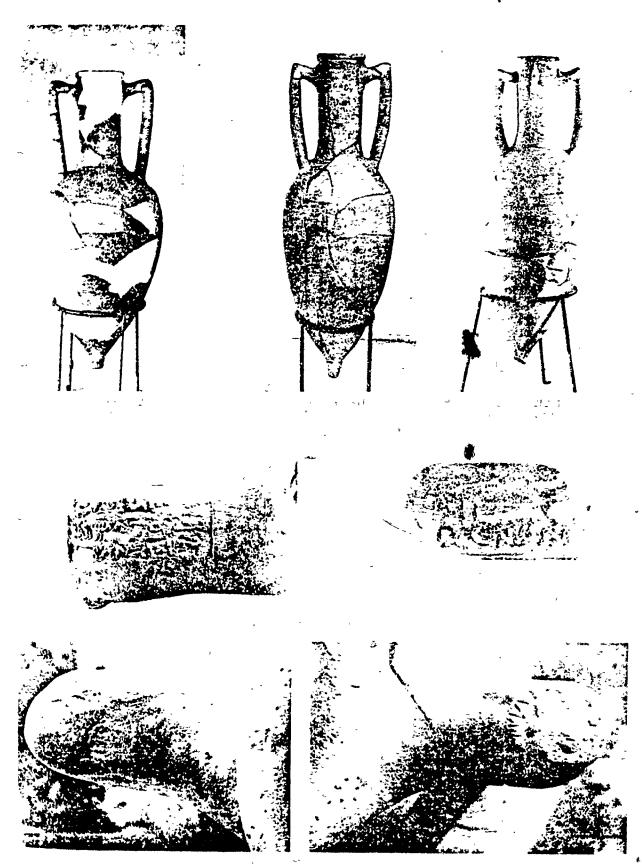
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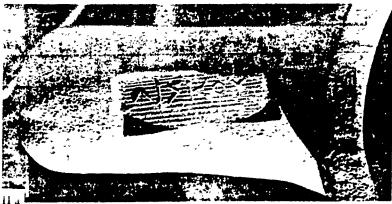


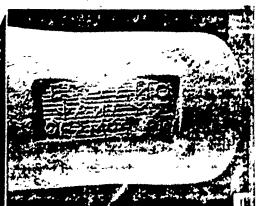
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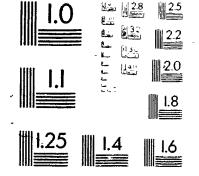






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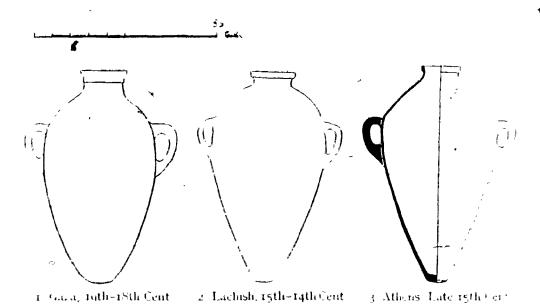
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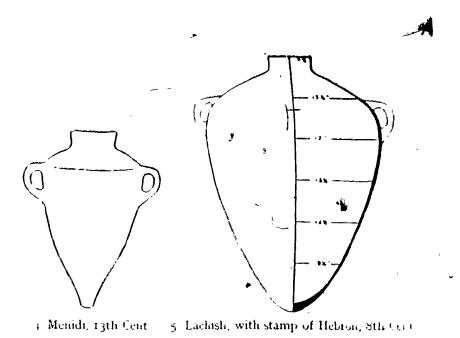
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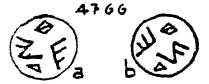
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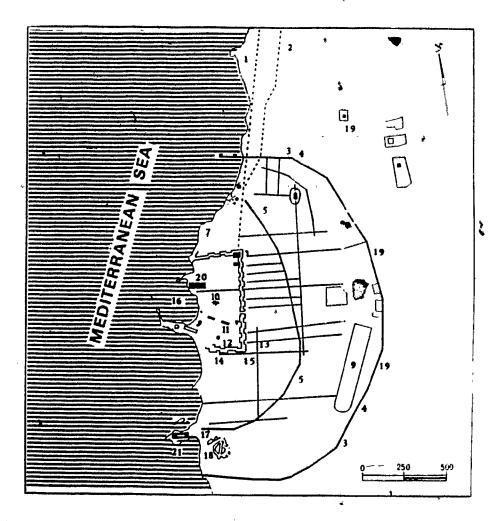
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# A GENERAL PLAN OF CAESAREA MARITIMA



l High-level aqueduct

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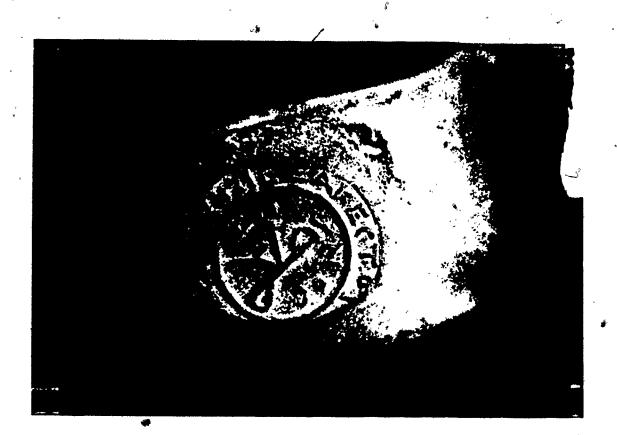
- low-level aqueduct
- <sup>k</sup> Byzantine city-wall
- 4. Exploratory trenches attesting to the Byzantine will
- 5 Herodian city-wall
- One polygonal and two circular towers (a northciri gate\*)
  - Hellenistic (emains and a Bizantine synagogue /mphitheater (\*)

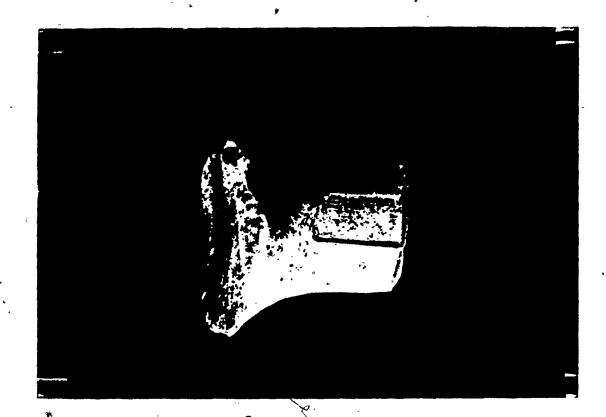
  - tall think that

- II Podium of Herodian temple to Augustin and
  - $R_{\Theta}ma$
- 12. Byzantine church
- 13 Byzantine street-complex
- 14 Mithraeum
- 15. Byzantine archive (librar. %
- J. Post
- 17 Byzamine fortres
- 18 Theater
- 19 Secrepalis
- The Alberta Contains afternoon and all of the con-
- 21. Promontour Palm.

PLATE 15







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