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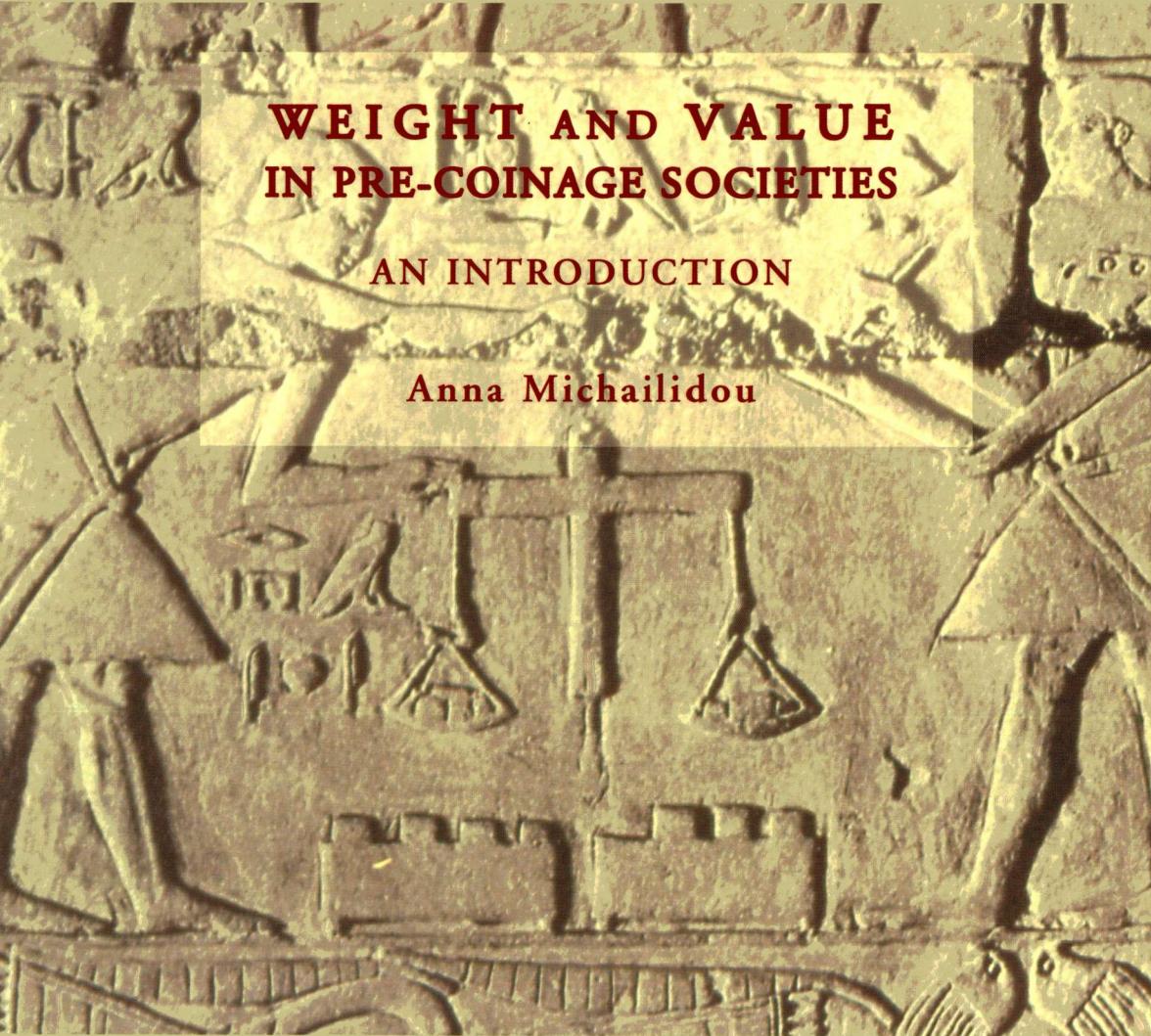
RESEARCH CENTRE FOR GREEK AND ROMAN ANTIQUITY
NATIONAL HELLENIC RESEARCH FOUNDATION

ΜΕΛΕΤΗΜΑΤΑ
42

WEIGHT AND VALUE
IN PRE-COINAGE SOCIETIES

AN INTRODUCTION

Anna Michailidou



ATHENS 2005

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L. GOUNAROPOULOU, M.B. HATZOPoulos, *Les milliaires de la Voie Egnatiennne entre Héraclée des Lyncestes et Thessalonique* (ΜΕΛΕΤΗΜΑΤΑ 1, Athens 1985)

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Cover illustration: A weighing scene from the Sixth Dynasty tomb of Mereruka at Saqqara

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Corrigenda

In addition to any minor typographic errors, the following corrections are also to be noted:

Page 49: *AIIN: Annali dell'Istituto Italiano di Numismatica*
BiOr: Bibliotheca Orientalis

Page 50: *IFAO: Institut Français d'Archéologie Orientale du Caire*
IJNA: International Journal of Nautical Archaeology
PAPS: Proceedings of the American Philosophical Society

Page 51: *ScAnt: Scienze dell'Antichità*
YOS: Yale Oriental Series
ZA: Zeitschrift für Assyriologie und vorderasiatische Archäologie
ZÄS: Zeitschrift für ägyptische Sprache und Altertumskunde

Pages 109 and 150: under *Aσία* and *Asia* the following numbers should be ignored:
198, 200, 265, 369, 370, 492, 533, 597, 601, 605, 607, 617, 645, 708, 747, 789, 834,
854, 961, 962, 1037, 1180, 1308

Pages 120-1 and 169: under *Kejueva* and *Texts* the following numbers should be ignored:
123, 222, 468, 556, 1046, 1062, 1086, 1323, 1435

Pages 124 and 153: *Μαύρη Θάλασσα* should be translated as *Black Sea*, not *Dark Sea*

Pages 131 and 164: under *Ποίηση* and *Poetry* the following numbers should be ignored:
1137, 1291, 1303

The figure on page 148 is the postcard with the sites of the tombs in the Valley of the Kings,
mentioned at the end of the Prologue

Page 164: Po-ni-ki-jo

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photo by P. Atzaka

To the people of Egypt

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PROLOGUE

The project on *Weight and Value* deals mainly with metrology and trade in the Bronze Age in relation to societies in the Eastern Mediterranean and the Near East whose economies were at that time in a pre-coinage stage. Although the main thrust of the project was and is the metrology and economy in the Aegean era, it employs documentation from Egypt and the Near East, necessary to the understanding of the main theme.

The project started some years ago, while I was studying in the rich library of the Griffith Institute of Oxford, and continues today in the libraries of the Deutsches Archäologisches Institut in Rome and Berlin, the university libraries of Heidelberg and last but not least the university library of Crete in Rethymnon. It has been partially but repeatedly supported by the Institute for Aegean Prehistory in Philadelphia and owes a lot to the hospitality provided by these institutions; it will soon result to a volume that greatly relies on material and textual evidence from the Orient.

This introductory volume was prepared under the aegis of the programme *Aristeia* assigned to the Centre for Greek and Roman Antiquity by the Greek Ministry of Development. The aim of the book is to provide a first approach to the subject, by presenting three aspects of the field and offering the tools to be used; it is addressed to scholars specializing in the Archaeology of the Aegean with a particular interest in Bronze Age economics and metrology.

With regard to the state of studies in Near Eastern metrology, first, the on-going work by Italian scholars such as Nicola Parise, Carlo Zaccagnini, Mario Liverani, Alfonso Archi, and their followers should be mentioned. As for studies on the ancient economy in general, one may point, for example, to the immense work by Oppenheim, Leemans, Powell, Waetzoldt, Moorey, Postgate, Janssen, Veenhof, Renger, Diakonoff, Vargyas, Joannès, Michel, Limet, Muhly, van de Mierop and Silver Morris. This list, of course, does not include many other important names, which, however, will generally be found in the bibliography of this volume. I will only add here the name of Don Evely, the Aegean archaeologist whose book on Minoan crafts and techniques gave me my own starting point.

In fact, the present work maybe regarded as an attempt to respond to the plea as addressed – and documented – by Cynthia Shelmerdine in one of the Conferences on Aegean Archaeology. She said: “I simply close with a plea to colleagues who work in all these areas to be as aware of each other as were the people they study. Further advances in knowledge are sure to result if we continue to study trade from both ends, and if we broaden our view of these various ancient cultures to include the larger world in which they surely lived”. Of course, moving east to understand the other end of trade networks, certainly involves risks for the Aegean archaeologist, inexperienced as he or she is in such matters; but if occasional misinterpretations are unavoidable, the voyage is certainly worth the effort.

The book starts with three chapters that give three aspects of the research project.

First, the overall picture of the subject is presented. The introductory chapter takes the reader from the point of departure, the study of the simple stone and metal balance weights, to the ultimate destination, that is a system of exchange involving metals that, in the words of Pare 2000, "make the world go round".

Second comes the line of enquiry that we will follow. We select three commodities whose modes of exchange present particular interest: a pair of shoes, a craft item in demand, cloth, a trade good par excellence, and the cleaning of garments, a humble everyday requirement.

In the third chapter, we offer a case study designed to illustrate the difficulties that arise when more complex levels of production and exchange are involved. The case study consists of people possibly working as servants or slaves, in the Aegean, Egypt and the Near East. After dealing with the problems of terminology and of status definition, we present a selection of evidence on the exchange value of humans and address some questions regarding the Mycenaean evidence on 'slave contracts'.

The second part of the book, with the data bank of selected bibliography, consists of:

- a) The Alphabetical Catalogue by author and with an ID number for every entry. The bibliography represents the actual selection made during the progress of my work in the libraries mentioned. It is constantly being updated, and only those articles or books that I have personally consulted are included.
- b) The Thematic Catalogue rests on the Greek key-words of the data base inserted in two fields (one field for the title, in whatever language, and one for the content of the article or book, if it has been thoroughly studied). Under each word, the relevant bibliographical titles are represented by their ID numbers. The Greek key-words were specifically chosen to correspond in meaning to a variety of foreign words, attested in the titles of whatever language. Each key-word is linked to other key-words closely or more distantly related, thereby creating a functional rather than theoretical network; thus the reader may go from one theme to the next and so on, and even in cases where titles have not yet been inserted, the range of topics of interest is obvious (e.g. in the network around the word for grain). For this reason words with no titles under them will be found as part of the network; such words await the insertion of titles from material not yet consulted.
- c) The Guide to the Bibliography gathers the existing titles (by ID numbers) under key-words in English; each word represents a choice drawn from the existing bibliographical titles, which we consider to be the word most appropriate and functional. Next to it the corresponding Greek key-word is written in italics.

The second part of the book is offered here as a tool to aid for further reading; one may start from the key-words of one's interest, or learn about an author who deals with certain topics, and then continue by searching in other resources for the rest of the author's work.

The contributors to this book are mentioned in the appropriate place, but I must thank them here warmly for their speed and efficiency. I am also indebted to Aris Gerontas for following me with his camera inside the Tomb of the Two Brothers in Saqqara and to the

Deir el-Medina village on the West Bank of Thebes. This volume is dedicated to the people of Egypt for their hospitality and friendship. The picture depicts our first visit to Saqqara, with an Egyptian guide, who is proudly narrating the content of the wall decorations. I remember another guide who carefully accompanied me down to the catacomb at Alexandria, telling me all the time "Watch your step, madam" and was so delighted when I told him that, in my view, the Egyptian element in the tomb reliefs was dominant over any Greek or Roman trends. And from among my memories, I should also include a little boy with clever black eyes in the valley of the Kings; he sold me the card with the sites of the tombs, which we publish here, together with others: "Five Egyptian pounds, madam" he asked for them and he accepted no less for his merchandise.

ANNA MICHAILIDOU
February 2005

MATERIAL EVIDENCE AND THE RELATION BETWEEN WEIGHT AND VALUE

The project on Weight and Value is a study of the relationship between two concepts pertaining to pre-coinage societies of the Bronze Age in the Eastern Mediterranean and the Near East: *weight*, which can determine the degree of standardization for the quantity of a circulating commodity, and *value*, which represents the degree of the commodity's importance in the exchange network.

The great Greek archaeologist Christos Tsountas was the first to comprehend the special significance of weights and scales.¹ He expressed the view, reiterated very much later,² that weights stand one step before the invention of coinage. In fact, their production involves making objects of a desired, predetermined and codified weight. Arthur Evans contributed to this trend with his study entitled "Minoan weights and mediums of currency"³ while Stylianos Alexiou,⁴ Günter Kopcke⁵, Peter Warren⁶ and Malcolm Wiener⁷ are among those who have raised the crucial subject of mechanisms of trade in pre-coinage Minoan society. Colin Renfrew has defined the study of weight-metrology as one of the tasks of the so-named 'Archaeology of the Mind'.⁸

Weights are a far more common archaeological find than the scales with which they were used. Stone and lead discoid weights from several sites in Crete (Fig. 1) belonging to the so-called 'Minoan'⁹ or 'Aegean'¹⁰ metric system (based on a unit of 61 to 65.5 grams), Egyptian



Fig. 1. Stone discoid shaped balance weights from Knossos (Crete) (Courtesy of the Herakleion Museum)

1. ΤΣΟΥΝΤΑΣ 1893, 121.
2. PETRUSO 1979, 139; KOPCKE 1987, 257; KEMP 1989, 248.
3. EVANS 1906; cf. MICHAILDOU 2004.
4. ΑΛΕΞΙΟΥ 1953-54; ALEXIOU 1987.
5. KOPCKE 1987; 1990.
6. WARREN 1991.
7. WIENER 1987; 1991.
8. RENFREW 1983; see also RENFREW & ZUBROW 1994.
9. As PETRUSO 1992, 64, 67.
10. As PARISE 1986, 303.

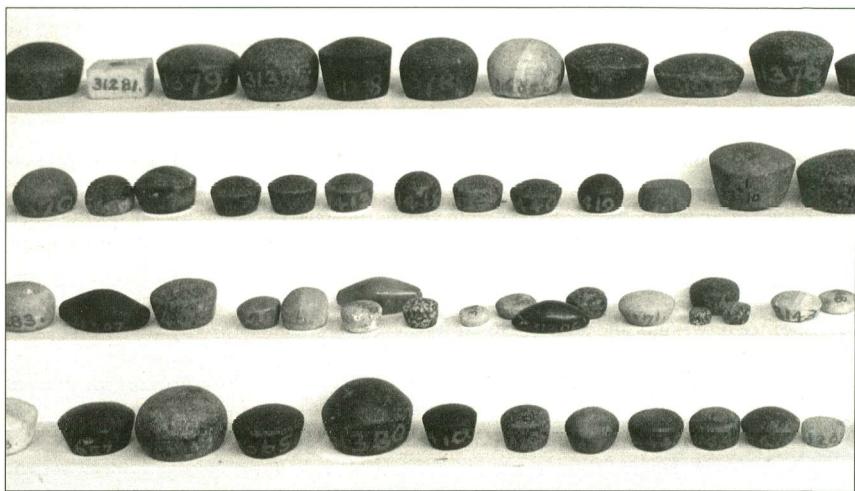


Fig. 2. Display of Egyptian stone balance weights of various dates and shapes in the Cairo Museum (photograph by Aris Gerontas)

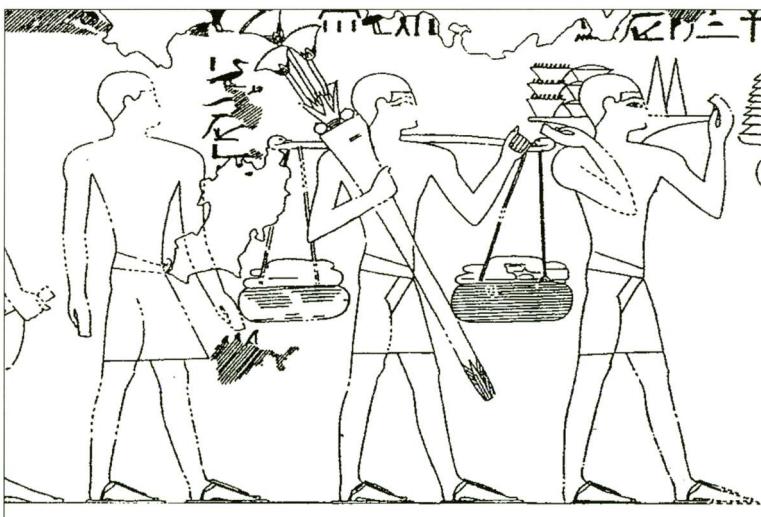


Fig. 3. The practice of carrying objects suspended from the ends of a long pole resting on the shoulders of the bearer is often depicted in Egyptian wall paintings.

weights,¹¹ mostly of stone and of various shapes (Fig. 2) and based on the early gold unit of 13 grams or the later – New Kingdom – unit of 9,1 grams, Mesopotamian,¹² Hittite and Syro-Palestinian weights¹³ based on a Mina of 500 to 470 grams are some of the many examples found.

The balance very probably predates the invention of weights;¹⁴ it was originally devised to counterpoise products while carrying them: the incline towards the heavier object would have been evident from bearing a wooden pole with a basket hanging from either end on the shoulders. (Fig. 3)¹⁵ So, initially, comparison of mass by means of a balance must have aimed at achieving *equality*. Even in later representations (e.g. on black-figure vases) we still see this method of estimating mass by placing packages of the same product in the two scale-pans of a normal balance.¹⁶ Balance weights were invented to measure mass absolutely, rather than simply to compare weights, and the current view is that they were first linked with the weighing of gold¹⁷ (see for example Fig. 4). A stone was first used as a counterweight in weighing and so stones served as a codified balance weight, after they had been chosen and worked. This is evident both from the great number and antiquity of stone examples and from the corresponding names for the balance weight: *abnu* (= stone) in Akkadian and *f', n inr* (= weight of stone) or just *inr* (= stone) in Egyptian.¹⁸

Information on weighing rests on archaeological finds from all over the Eastern Mediterranean and the Near East, on iconography, mainly from Egyptian tomb-paintings, and on texts, of Aegean, Egyptian and Near Eastern provenance. The type of balance used was always the same: it consists of a beam, usually made of wood and for this reason normally absent from the archaeological record. From the ends of the beam hang scale-pans of sheet bronze (Fig. 5). The balances shown in the wall-paintings in New Kingdom tombs are large and will have permitted the use of heavy weights. The smaller, hand-held balance is more rarely depicted, perhaps because the context in which it was used is not normally a subject for monumental representation. In Egypt, small balances have been found, sometimes together with the wooden case in which they were kept.¹⁹ There are even descriptions of constructional



Fig. 4. A stone balance weight of the Middle Kingdom date, with the hieroglyphic sign for gold and five strokes, denoting five Egyptian units of gold (total weight: 5 x 12.20 grams = 61 grams, equivalent to one Minoan unit)

11. PETRIE 1926, COUR-MARTY 1985.

12. POWELL 1971; 1979.

13. E.g. PARISE 1970-71; COURTOIS 1990; OTTEN 1954-56; ARNAUD 1967; ARCHI 1987a; ZACCAGNINI 1999-2001; ASCALONE & PEURONEL 2000; PETRUSO 1984 (for Cyprus) etc.

14. KISH 1965, 26; MIXAHAIΔOY 2000; MICHAELIDOU 2001c.

15. KISCH 1965, 26.

16. Folded textiles, for example, cf. TZAXIAH 1997, fig. 158.

17. PETRUSO 1981, 45; SKINNER 1954, pl. 31b; MIXAHAIΔOY 2000, 131, 138, 140-141.

18. For references cf. MICHAELIDOU 2001c, 65.

19. E.g. MIXAHAIΔOY 2000, 131-132, 139-140.



Fig. 5. The weighing of gold ring ingots against a weight in the form of a bull's head, on the wall painting of a New Kingdom Theban Tomb (Courtesy of the Institute of Egyptology, Heidelberg)

details in Egyptian texts: the parts, consisting of horizontal beam, vertical pivot and base of a balance 2 m. high and made of different kinds of precious wood, are recorded in the Papyrus Harris I, of the Ramesside period.²⁰ Of later date, but instructive on account of its large size, is the balance in a scene of weighing the tribute to the king, depicted on a Neo-Assyrian relief (9th century B.C.), the so-called Rassam Obelisk.²¹

Bronze scale pans are known from various parts of the Aegean; relics of a matting were found on some of the bronze pans from the Aegean settlement at Akrotiri on Thera (Fig. 6). The three gold balances (cf. Fig. 7), found in the shaft grave III at Mycenae and now in display in the National Museum at Athens, are non-functional. The ideological context of their purpose will not be discussed here.²² The existing textual evidence does not preserve details of the weighing process; however, the results of weighing are recorded in many Linear B tablets where the quantities of certain products, primary metals and wool, are recorded after special ideograms-metrograms denoting units of weight. Furthermore, the *ta-ra-si-ja* mode of production recorded in the Mycenaean palace archives was based on weighing the raw material given to artisans, and subsequently the finished products returned. The Linear B ideogram *118, a pictogram of the balance, denotes the largest unit of weight, the so-called talent (of around 30 kilos weight), as Arthur Evans was the first to interpret.²³

From the Indus Valley to the Persian Gulf, Mesopotamia, Syro-Palestine, Cyprus, Egypt and the Aegean area, the balance was used to measure the material value of specific products:

20. GRANDET 1994, 139 n. 559.

21. KISH 1965, fig. 5; RENGER 1992, fig. on page 209; DERCKSEN 1999, fig. on the cover.

22. See, for example MIXAHAIΔΟΥ 2000, 141-147; cf. ALBERTI 2003.

23. EVANS 1906; cf. MICHAILDOU 2004.



Fig. 6. One of the pairs of bronze scale pans found in the LBA settlement at Akrotiri (Thera); some traces of matting preserved on the surface of the scale pan indicate how they were stored in houses. The additional circular plate riveted on one of the pans ensured the equilibrium among the two pans since they were made slightly different in size.



Fig. 7. A non-functional gold balance from Shaft grave III at Mycenae (courtesy of the National Archaeological Museum at Athens)

mainly metals, wool, ivory, some precious stones, certain spices, saffron etc.²⁴ Different metric systems were locally used, but certain equivalences between foreign systems facilitated merchants (who always carried their own balance weights)²⁵ in their inter-regional trade; the best example is provided by Ugarit. Parise has shown²⁶ the dependence of the Ugaritic weight system on foreign trade: in this important trading port, the same mina²⁷ – of 470 grams – was divided into 40 shekels for trade with the Hittite Empire (Hittite shekel of 11.75 grams), 50 shekels for domestic Ugaritic purposes and also for commercial relations

24. See SACCONI 1971 and MICHAELIDOU 1999 for the Linear B references on weighed products.

25. Cf. PULAK 2000; see also S. RATNAGAR, Theorizing Bronze-Age Intercultural Trade: The Evidence of the Weights, *Paléorient* 29, 2003, 81.

26. PARISE 1981; 1984.

27. The mina (around 500 grams) and the shekel (8.4 grams) were the main weight units in Mesopotamia, whence they spread to various other places in the Near East, with certain variations in weight value.

with Egypt (the Ugaritic shekel of 9.4 grams being near to the Egyptian *qedet* of 9.1 grams), and into 60 shekels of 7.83 grams for relations with Karchemish. But this last value was also close to the value of 1/12 of the Egyptian *deben* (of 91 grams), and this special fraction of the *deben* was the weight (7.6 grams) of a special silver unit, called *shaty* (or *sniw*) by the Egyptians and used by them as an index of value or in some cases as a means of payment.²⁸ So in Ugarit, the mina of 470 grams, the so-called ‘Western’ or ‘Syrian mina’, as opposed to the Babylonian mina of 504 grams, represented the meeting point for four metric systems, with the differences beginning at the level of its division into shekels.²⁹

Measuring is an economic activity related to the mode of production that also implies a degree of the product’s evaluation. All depends on the system that defines the value of commodities, since “Values determine production, and systems of production determine values”.³⁰ In pre-coinage economies, barter is considered to be the basis for the exchange of commodities and so measurement – by length, capacity or weight – was necessary at almost every step of such an economic process, the aim being to establish an equality in terms of value between the commodities exchanged. But how could equality be achieved?

Aristotle (*Politics* I. iii. 14-15) states: “...for the purpose of barter men made a mutual compact to give and accept some substance of such a sort as being itself a useful commodity, which was easy to handle, in use for general life, iron for instance, silver and other metals, at the first stage defined merely by size and weight (my emphasis), but finally also by impressing on it a stamp in order that this might relieve them of having to measure it; for the stamp was put on as a token of the amount”.³¹ Thus Aristotle clearly specified quantities of metal measured by size and weight as the acceptable medium of exchange before the invention of coins (the latter being *counted* by number of items).

In recent times, there has been lengthy discussion on the subject of the invention of coinage³² and on the possible pre-existence of a monetary system in the Near East. Powell, for instance, argues that minas and shekels themselves were “monetary terms in ancient Mesopotamia, as is evidenced not only by internal Mesopotamian usage but also by the fact that they turn up as words for monetary units in other languages” and he further insists that “it is precisely the ‘monetary’ economy that we do see in the documentary record. That is the reason we have it: it concerned ‘weighty’ matters like minas and shekels”.³³

To conclude with the words by Colin Renfrew: “The value of goods, and hence wealth, is indeed largely a matter of convention whereby a society covets one commodity rather than another... Wealth, the ownership of desirable transferable goods, is as much a social phe-

28. CASTLE 1992, 263-265.

29. MICHAILIDOU 2004, 316-317, with more references to this subject; Particularly instructive on the subject of metrological interconnections is the article by ZACCAGNINI 1999-2001.

30. DURENBERGER & TANNENBAUM 1992, 86.

31. «...ό γὰρ χαρακτὴρ ἐτέθη τοῦ ποοοῦ οὐμεῖον». The translation of the whole passage is by H. Rackham (Loeb Classical Library, Harvard University Press 1972, 43).

32. E.g. PARISE 2000, LE RIDER 2001, BALMOUTH 2001.

33. POWELL 1996, 228.

nomenon as an economic one.”³⁴ The view, summarized in the following terms by Sue Sherratt, is widely accepted: “In the second millennium, precious and base metals – primarily gold, silver, copper and tin – represent what may be regarded as prime or convertible value within the exchange systems of the eastern half of the Mediterranean.”³⁵ Even in Egypt, where the barter system was one in which goods were traded against goods, ‘value’ came in time to mean ‘metal value’, which is an almost monetary concept.³⁶ Clearly indicative of this are the ‘metal debens’ mentioned in a letter of the farmer Hekanakhte (of the Eleventh Dynasty period): according to James, the letter clearly refers not to ‘24 *deben* of copper’³⁷ but ‘24 copper debens’ which ought to signify 24 pieces of copper each weighing one *deben*. Here they have been sent as the payment of the land rent, as an easily portable and convertible commodity.³⁸ This begs the question of what form they came in. There is the possibility that “what we have here may be the coincidence of original and derived meaning in the form of copper rings perhaps weighing one *deben* each”.³⁹ Of course, it is gold and silver that are usually depicted in the form of ring ingots (Fig. 5). As regards the Near East, ring ingots are textually documented there, but we should also recall that the Sumerian sign for shekel is a stylized picture of an axe and the Sumerian word *gín* means both shekel and axe.⁴⁰ This – plus a textual reference from Mari – have given rise to a suggestion⁴¹ regarding the Minoan environment: that perhaps models of double axes, in particular when made of precious metals (Fig. 8), functioned as gifts in return for services, and therefore as means of payment, whilst axeheads cut from copper plate (like those found in Juktas: Fig. 9) might have functioned as cheaper forms of currency.



Fig. 8. One of the miniature gold double axes from Arkalochori (Crete). Heracleion Museum

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34. C. RENFREW, *The Emergence of Civilisation. The Cyclades and the Aegean in the Third Millennium B.C.*, London 1972, 370.
35. SHERRATT 2000, 83.
36. JAMES 1984, 256 ff.
37. Which would refer to the total weight of a quantity of metal measured in the Egyptian unit *deben*.
38. JAMES 1962, 44, n. 57; 1984, 245 and 259.
39. CASTLE 1992, 264 with reference to JAMES 1962, 118.
40. POWELL 1996, 238.
41. By MICHAILIDOU 2003, with more on the subject of various forms of currency.

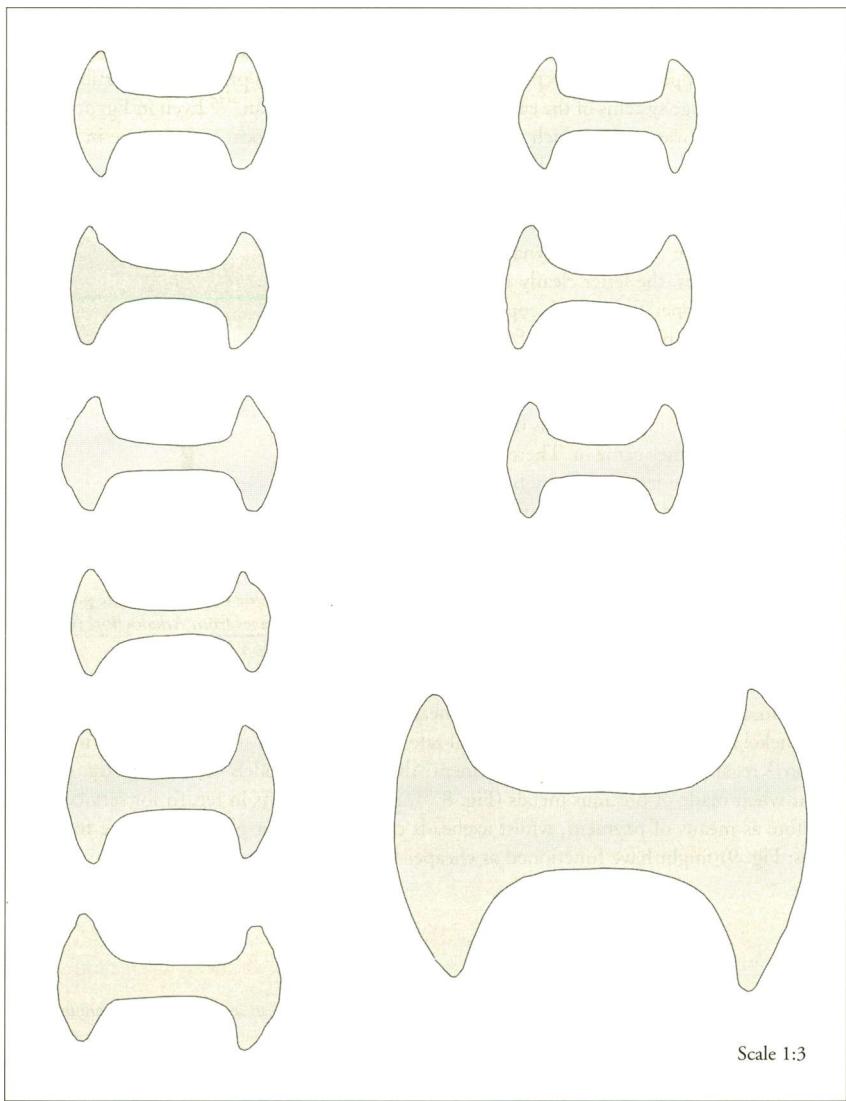


Fig. 9. Nine of the small axeheads from Juktas (Crete), each manufactured from a single thin plate of copper/bronze, each weighing from 10 up to 20 grams, and one of the two larger axeheads, weighing 90 grams each, that is one and a half 'Minoan' unit or one New Kingdom Egyptian deben (Courtesy of Alexandra Karetou)

EXCHANGING COMMODITIES: GIVING SANDALS, SENDING CLOTH, RENDERING SERVICES

In the entry 'Prices and quantities' of the *New Palgrave Dictionary of Economics*,¹ we read: "These are the most directly and readily observable attributes of commodities (goods and services produced for and exchanged in the market). Both price and quantity relate to a unit (piece, bushel, barrel, pound etc), established usually by commercial practice as the *customary unit of reckoning*" (mine emphasis). Thus, the main interest of these units lies in their role of reckoning, as established in Aegean, Egyptian and Near-Eastern societies, identified by the researchers through textual references to weighed commodities and through material evidence from excavated sites.

But weighing as an everyday activity is not depicted in the Bronze Age Aegean art.² Scholars do not yet agree on references to 'values' in the Linear B tablets: the case of a provision of a quantity of wheat as 'payment' (*o-no*) to a net-maker, the probable value of a linen chiton stated (?) in units of weight of bronze (a chiton of fine linen: 1 kg of bronze), the exchange value of imported alum, etc.³ The debate whether *o-no* means 'ass-load' or 'benefit' / 'payment'⁴ is particular interesting for a researcher with a Near- Eastern experience.⁵

The researcher of Aegean proto-history is finally led to the necessity of consulting the far richer textual and material evidence from Egypt and the Near East. The work of Petruso⁶ on the existence of a uniform main unit of wool measuring, both in Knossos and in Nuzi, is one of the first attempts in this direction in the field of metrology, as is the work by Melena, which expresses a similar view.⁷ One should also definitely consult works by Parise and Zaccagnini.⁸ Contributions to conferences and publications referring to the status of relations between the Aegean world and the Orient (e.g. in the relevant volume in the *Aegaeum* series⁹) encourage one to pursue the line of enquiry that we attempt to follow here.

Hence, in the light of this approach, we need to be selective in our choice of data on economic history from the Orient. Documentation from the ancient Mesopotamia, in particu-

1. EATWELL et al. 1996, 957.

2. For weighing in a 'religious' context there is the well-known crater from Enkomi cf. EVANS 1935, fig. 646.

3. The evidence conveniently summarized in MICHAILIDOU 1999, 99 with the relevant references; A. Sacconi presented a paper more recently at the *Emporia* Conference (to appear in the vol. 25 of the *Aegaeum* series), with the title: La 'monnaie' dans l'économie mycénienne. Le témoignage des texts (in press).

4. MICHAILIDOU 1999, 105 for references.

5. Having studied, for instance, the Old-Assyrian trade in caravans of loaded donkeys (VEENHOF 1972).

6. PETRUSO 1986.

7. MELENA 1987.

8. E.g. PARISE 1986, ZACCAGNINI 1999-2001.

9. The volume CLINE & HARRIS-CLINE 1998, where in particular SHELMERDINE 1998.

lar, provides us with a wealth of information on agriculture, animal husbandry, craftsmanship and especially barter, trade and various forms of exchange; we also learn about economic phenomena, such as fluctuating and fixed ‘prices’ or equivalences, as well as the use of certain goods, e.g. grain, and in particular of silver and other metals as indicators of value and as a means of exchange; further more “we have before us a testing ground for an economic history of the *longue durée*”.¹⁰

Of course, when studying Aegean and oriental societies, we are dealing with different social and political entities: Egypt, for instance, most certainly had a different political and social structure as compared to its neighbors in the east. As Amélie Kuhrt points out,¹¹ the term ‘ancient Near East’ is used by scholars to embrace an immense territory inhabited by many different peoples and socio-political groups. But it is perhaps not unwarranted to use properly selected information drawn from any of these cultures if it can contribute to establishing a framework for our main interest. This is the question of what kinds of commercial activities *were possible* in the Eastern Mediterranean and what levels of complexity and sophistication could exist in such early pre-coinage societies.

Part of the information deriving from economic and administrative texts may conveniently be illustrated by the rich repertoire of the Egyptian iconographic material, especially when it is related to everyday occupations. Egyptian iconography and texts tend to reveal the social environment of weighing, recording and exchanging.

Giving sandals

We turn once again to Aristotle who gives us a very clear definition of an object’s value, starting from its use value and extending to its exchange value (*Politics* I, iii, 11): «ἐκάστου γὰρ κτίματος διττή ἡ χρήσις ἔστιν, ἀμφότεραι δὲ καθ’ αὐτὸ μὲν ἀλλ’ οὐχ ὅμοιως καθ’ αὐτό, ἀλλ’ ἡ μὲν οἰκεῖ ἡ δὲ οὐκ οἰκεῖ τοῦ πράγματος, οἷον ὑποδήματος ἢ τε ὑπόδησις καὶ ἡ μεταβλητική. ἀμφότεραι γὰρ ὑποδήματος χρήσεις ...».¹² It is very significant that a pair of sandals is indeed one of the few craft items depicted among the subsistence produce offered in the so-called ‘market scenes’ in the Old Kingdom tomb paintings. The excavator Lauer thus describes the scene from the mastaba of *Ti* (Fig. 1): “two men move towards a sandal merchant; one of them, with a load on one shoulder and a bag hanging on the other, proffers a vase in his left hand; but the man in front of him seems to have met with better success, exchanging a mysterious triangular package for the desired pair of sandals”.¹³ On one occasion, the

10. RENGER 1994, 157-158.

11. KUHRT 1998, 16-30.

12. Translation into English by Rackham (previous chapter, n. 31): “With every article of property there is a double way of using it; both uses are related to the article itself, but not related to it in the same manner – one is peculiar to the thing and the other is not peculiar to it. Take for example a shoe – there is its wear as a shoe and there is its use as an article of exchange; for both are ways of using a shoe... ”.

13. LAUER 1976, 50. Of course, there may be reasonable objections to the term ‘merchant’, but one cannot discuss these here.

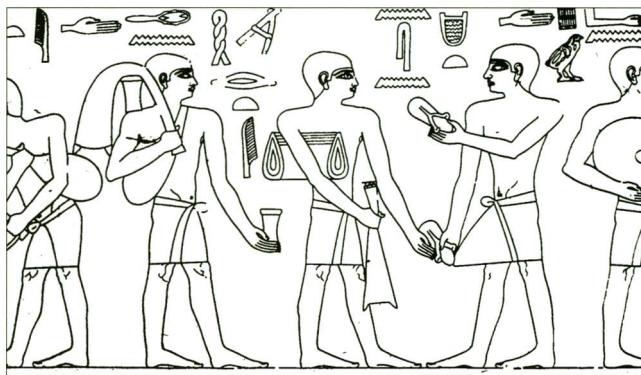


Fig. 1. Detail of the 'Market Scene' from the Old Kingdom tomb of Ti, Saqqara (after WILD 1966, pl. 174). In another register, not visible here, manufacture and sale seem to run together in the depiction of a man engraving a seal for a waiting client.

equivalence of the pair of sandals to one measure of barley is specified.¹⁴ The two-levels in value (as given by Aristotle) are in fact emphasized by Warburton, when he states that the sandals that appear in these ‘scenes of the markets’ were not merely a surplus, like the herbs or fishes offered there for exchange; these craft items were “produced for the market, as a full-time job”.¹⁵ James also comments: “We may suppose that an ancient Egyptian sandal-maker had a fairly precise notion of what he might expect to receive in exchange for a pair of his sandals. He could think of this value in terms of many specific commodities –grain, oil, cloth, etc. – but he would not know precisely what he might be offered when he came to ‘sell’ it. At the point of negotiating a trade for his sandals he would have to set them in one pan of a kind of mental balance, and the offer in the other pan.”¹⁶

More details on the subject of equivalences of the sandals to other goods, are found in the famous ‘ostraca’, mostly of the 19th and 20th Dynasties, recording daily transactions within the community of the tomb-builders of the Pharaohs at Deir el-Medina. Several types of sandals made of various material such as leather, papyrus or dom palm, noted in sixty six records, indicate the frequency of this commodity; its value is given in copper (usually one to two *deben* of copper for each pair, occasionally three), in silver units (*sniw* or *shaty*)¹⁷, as well as in emmer or in oil, both being calculated in capacity measures.¹⁸ That ‘prices’ for a pair of sandals remained within a range of 1 to 2 *deben* of copper over 150 years is considered

14. HODJASH & BERLEV 1980, 49.

15. WARBURTON 2000, 79.

16. JAMES 1984, 259.

17. For the words defining this silver unit of a value around 7.6 grams, see for example, JANSEN 1975, 102 ff.; CASTLE 1992, 263-265.

18. JANSEN 1975, 292-298, Table L.



Fig. 2. Depiction of sandal makers in tomb-paintings is usually part of a scene on leather working activity (Courtesy of the Ägyptologisches Institut, Heidelberg)

by Janssen to show a stability resulted by tradition, while Kemp explains it by noting that in this case, "tradition represented a supply and demand equilibrium".¹⁹ Regarding the providers of sandals, the case of the ostrakon O. Dem. 240 is revealing, where in line 4 we read "given by the Pharaoh, 5 pairs", in lines 6-7 sandals are mentioned as "given by" private persons, and in lines 8-9, sandals are "made by" sandal makers.²⁰ Sandal makers, often depicted in tomb-paintings (Fig. 2), appear in the 'Town Register' of the *verso* of the Papyrus BM 10068,²¹ listed among the inhabitants of various professions on the west bank of Thebes, none of them belonging to the Deir el-Medina community, which lay not too far away; according to Peet, eight of the recorded houses are each named as "house of the sandal maker x".

Sending cloth

A simple transaction that indicates that cloth was a commodity in demand is mentioned in the so-called 'Divorce Ostracon', at the Petrie Museum: '*She gave me a shawl saying, take it to the riverbank and sell it for a measure of wheat. And I took it, but they refused it saying: Bad*'. Wheat, given in exchange, was measured by capacity standards. Here we have a transaction quite close to the 'giving' of sandals in the Egyptian 'market scenes' (or in some of the Deir el-Medina ostraca). The situation of the market on the bank of the watercourse is a common element in egyptian scenery; as Eyre points out, in general the term 'riverbank' is used for the market reflecting the watercourse as highway and natural crossroads.²²

In another Egyptian text, on the 'judicial stele of Karnak',²³ the following text: '*What N gave: 60 deben of gold, being gold, copper, barley and clothes*' indicates the first item (gold) as the index of value (in this case of a transferred governorship), while the rest of the phrase specifies the actual goods given in return, among them clothes.²⁴

19. KEMP 1989, 251-252.

20. JANSEN 1975, 296.

21. PEET 1930, 84-85.

22. EYRE 1998, 177.

23. JAMES 1962, 45, see also LACAU 1949, 25.

24. For the possibility that it is not a real act of sale, but possibly consists "de la cession de fonctions sous forme d'une vente (imaginaire)" cf. ALLAM 1998, 139.



Fig. 3. Detail of the 'Market Scene' from the Old Kingdom 'Tomb of the Two Brothers' at Saqqara (after Moussa & Altenmüller 1977, Abb. 10)



Fig. 4. The present condition of the wall painting of fig. 3 (in situ photograph by Aris Gerontas)

A rare depiction of cloth being offered in the market is preserved on one of the walls of the so-called 'Tomb of the Two Brothers' at Saqqara (Fig. 3),²⁵ it is part of a 'market scene' where other usual items are been traded: foodstuffs, vegetables, fruit, fish (both fresh and dried) and some craft goods. Eyre describes what he calls a depiction of a 'private' business in cloth in a scenario reminiscent of the *souk* (Fig. 4), in the following terms: "One man is measuring out cloth by the cubit from a bale held by a second man, with the caption: '[A (?)] cubit of cloth for (r-db3) 6 ½ s 't'. Behind sits a fat – that is old and senior – man, commenting favorably on the price and quality".²⁶ The important element in this depiction is that in a scene of barter exchange, an index of value is given for one item, the cloth. As James emphasizes, "the purchaser is not shown with any reciprocal object which he can trade against the cloth. He is, in effect, being given a 'price' for the cloth, not in terms of any of the common commodities used in exchanges, but against an apparently abstract unit of value, the *shat*".²⁷

25. MOUSSA & ALTMÜLLER 1977, 79-85.

26. EYRE 1998, 179. The price is considered extravagant: cf. MOUSSA-ALTMÜLLER 1977, 85, where also the caption with the words by the older man is given in German translation: 'Ich sage dieses gemäss der Wahrheit: es ist ein *ntrw*-Tuch von sorgfältiger handwerklicher Arbeit'.

27. JAMES 1984, 258, where he reasonably guesses that the bargain could be completed by handing over in exchange a commodity of the value of six s 't (= *shat*, a word related to the –later- terms *shaty* or *seniu*).

Most revealing regarding the role played by cloth as an important form of capital is the text from the New Kingdom Papyrus Cairo 65739²⁸ with the statement of a woman called Iry-nefer: ‘I am the wife of the Overseer of the District (?) Samut, and I came to live in his house, and I worked on spin[ning(?)] and I wove (*nwj*) my cloth (*d3jw*).’²⁹ She further declares that after seven years she acquired a young Syrian slave by giving the merchant various items in exchange: firstly, seven pieces of cloth of high quality and, secondly, copper/ bronze vessels, along with a quantity of honey and ten shirts. Thus Eyre concludes that her weaving activity was also intended to create a surplus in cloth in order to increase her capital³⁰.

Textiles were trade goods *par excellence* in pre-coinage societies. We gain an overall picture of their circulation in long distance trade from the tablets found in Kültepe at Asia Minor, where the site of the *emporion Kanesh* (*kārum Kanes*³¹) of the Assyrian merchants

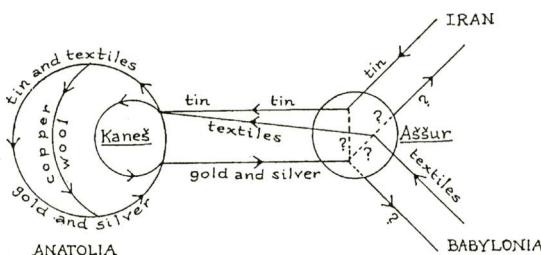


Fig. 5. The pattern of Old Assyrian trade (after Veenhof 1988, 244)

was discovered; for the patterns of this particular trade in Old-Assyrian period, the model (Fig. 5) published by Veenhof is very illuminating³²: tin, presumably originating in Afghanistan, is the transit good, part of the textiles exported to Asia Minor were produced in Assur, other textiles came from Babylonia, gold and silver were brought from Asia Minor to Assur in return for the tin and the textiles and further more the Assyrians were involved in an intra-Anatolia commerce in wool and copper.³³ Two points are most important here. Firstly, the fact that apart of the existence of local industry at Aššur, producing textiles for

28. GARDINER 1935, 140-146.

29. The English translation of the text by EYRE 1998, 178, also n. 27, 28; GARDINER, the publisher of this papyrus under the title ‘A Lawsuit arising from the purchase of two slaves’, translates: “and I worked and [...] and provided my dress” (1935, 141, 143).

30. EYRE 1998, 178-179; see also below, next chapter, pp. 39-40.

31. Literary meaning the ‘Kanesh harbour’ (LARSEN 1976, 51), it represents a residential area at the foot of the mound of Kültepe (where the local Anatolian palace) with houses (and equipment) of a local Anatolian tradition yet occupied by the Assyrian merchants as indicated by more than 10,000 tablets found there, written in Old Assyrian dialect.

32. VEENHOF 1988, 244, adapted from LARSEN 1967, 172.

33. VEENHOF 1988, 244-245.

export and located in the very houses of the Assyrian merchants, other textiles named 'Akkadian' were imported to Aššur from Babylon, to be sent to Anatolia in the same caravans. Secondly, the explanation given by Veenhof³⁴ that, though involved in an intra-Anatolia commerce in copper, the Assyrian traders did not import copper from Anatolia to Aššur, because it was not considered profitable.

This pattern of commerce gives a clear picture of a profit-oriented trade, what Aristotle named *καππλική*. According to Aristotle,³⁵ first came the art of exchange, which extends to all goods and which he terms *μεταβλητική* (*τέχνη*). This arises from what is natural, that is from the circumstance whereby some have too little, others too much. *Καππλική* (*τέχνη*) develops later. Thus Aristotle distinguishes exchange provoked by human necessity from – unnatural – profit-oriented trade. If we are looking for commodities functioning exclusively as trade goods, the extreme example is surely the opium imported to Egypt from Cyprus, as mentioned by Warburton, who defines it as "an article produced exclusively for the 'market', as consumption is its sole *raison d'être*".³⁶

Rendering services

As stated in the beginning of this chapter, in the entry 'commodities' in modern dictionaries, both *goods* and *services* are included as being 'produced for the market'.³⁷ Services are less tangible than goods in the study of societies of the past; finished products imply the existence of their manufacturers, but there is always the problem of the definition of the artisans as either dependent or semi-dependent or non-dependent personnel, provided either with substitute rations or with 'payment' in kind. For instance, the builders of the royal tombs of the 19th and 20th Dynasties, established as a community in their village in Deir el-Medina in Egypt (Fig. 6) and defined as 'Servants in the Place of Truth' or the 'Crew of the Tomb', were a workforce of comparatively high status, consisting of stone masons, carpenters, sculptors and draughtsmen, all well provided for by the Pharaoh with wheat, for making flour, and barley, for making beer, and generally



Fig. 6. View of the Deir el-Medina village where the Tomb-Builders of the Pharaohs lived (photograph by Aris Gerontas)

34. VEENHOF 1988, 258.

35. Aristotle *Politics* I, iii, 15—ἔστι γάρ ί μεταβλητική πάντων, ἀρξαμένη τὸ μὲν πρῶτον ἐκ τοῦ κατὰ φύσιν, τῷ τὰ μὲν πλειά τὰ δέ ἔλλατα τῶν ίκανῶν ἔχειν τοὺς ἀνθρώπους, ί καὶ διῆλον ὅτι οὐκ ἔστι φύσει της χρηματιστικής ή καππλική ...».

36. WARBURTON 2000, 78.

37. EATWELL et al. 1996, 957. The debate on Marketless economy in the pre-coinage stage will not be discussed here; See more recently WARBURTON 2003, 136 ff.; 147 ff.

regarded as well paid.³⁸ The ‘payments’ were essentially copper, cloth, oils and foodstuffs, received somewhat irregularly by the workmen.³⁹ The local habit of writing, with ink, on ostraca (broken pottery sherds or limestone flakes) helped in the preservation of texts that range from pieces of literature to legal or small-scale economic transactions. From the famous Turin Strike Papyrus, we even learn of the earliest recorded ‘strike’ in ancient history (during the reign of Ramesses III, 29th year), its reason stated as follows: “*It was because of hunger and thirst that we came here. There is no clothing, no fat, no fish, no vegetables*”.⁴⁰ In fact, it was more in the nature of a hunger march, than a strike.⁴¹

Leaving aside the domain of craftsmanship – also related to the domain of cost of labour

– one wonders how other minor services were rendered apart from when they were proffered by those who may or may not have been slaves.⁴² As an example, we will focus on a particular service need, the cleaning of clothes. From the well known ‘Laundry Lists’ on ostraka from Deir el-Medina (Fig. 7) and some references in the surviving literature⁴³, plus the depictions – and captions – in tomb-paintings⁴⁴ (Fig. 8), we get a composite picture of the whole process, where natron was used as ‘soap’ for bleaching linen, and even ‘laundry marks’ were made in indelible ink.⁴⁵ Except for women doing their domestic washing at the riverbank, laundering was a male profession: semi-dependent washermen served the households of the elites or the king or the temples. The superintendent of the washermen was an important member of rich

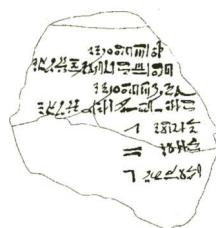


Fig. 7. Laundry list of clothes delivered to the riverbank: ostracon ODeM 30 (after Hall 1986 fig. 42, based on Černý's facsimile)



Fig. 8. Laundry scene from a Twelfth Dynasty tomb at Beni Hasan (after Newberry 1893, pl. XXIX)

38. EYRE 1987, 170.

39. EYRE 1987, 170 and JANSSEN 1975, 488-493.

40. ROMER 1984, 120.

41. EYRE 1987, 180.

42. To be discussed in the next chapter on the exchange value of humans.

43. E.g. the description of the washerman working in the river near to the crocodile, in the New Kingdom copy of The Satire on the Trades or the metaphoric concept in a love song of the same period (JANSSEN & JANSSEN 2002, 2).

44. Six laundry scenes from the Middle Kingdom and two – as yet – from the New Kingdom (HALL 1986, 48; JANSSEN & JANSSEN 2002, 2).

45. The information given in this paragraph is derived from the chapter on the Egyptian laundry in HALL 1986 and from the article on Laundrymen of Deir el-Medina by JANSSEN & JANSSEN 2002.

households, of a slightly lower rank than the sandal bearer of the master of the house.⁴⁶ At Deir el-Medina, washermen formed their own guild; they belonged to the so-called personnel (*smdt*) ‘of outside’⁴⁷ consisting also of water-carriers, woodcutters, gardeners, fishermen, potters and gypsum-makers, all of them rendering services to the tomb-builders, who were of higher rank, living in the Deir el-Medina village. The *smdt* (*semedet*) worked for a lower remuneration by the government: the rate (at the end of the Twentieth Dynasty) seems to have been one sack of wheat a month for the *smdt* as opposed to three sacks at least for the tomb-builders, and for the washerman in particular it was three quarters of a sack.⁴⁸

The laundry lists on the ostraca (Fig. 7) are considered to be either deliveries by the washermen, in cases of high totals of garments, normally recorded by kind in a fixed order, or amounts of dirty washing from individual households, when low numbers are given, perhaps to be delivered by the owners to the riverbank, to the washerman responsible⁴⁹. Listed in the ‘Town Register’ of the Papyrus BM 10068, are six owners of houses of the profession of washerman,⁵⁰ among the inhabitants of other professions (e.g. the previously mentioned eight sandal makers).

With this evidence of semi-dependent laundrymen,⁵¹ we may contrast the picture derived from a unique Mesopotamian textual description.⁵² It refers to a dialogue taking place “At the Cleaners”.⁵³ The dialogue in this literary text from Ur, of Old Babylonian period,⁵⁴ is between a clothier (*LÚ-TÚG*), probably a cleaner and re-furbisher of clothes⁵⁵ and a customer. The customer gives many instructions on the way he wants the job done, to the great annoyance of the cleaner who finally tells him to go (to the canal) and do the cleaning himself! The main

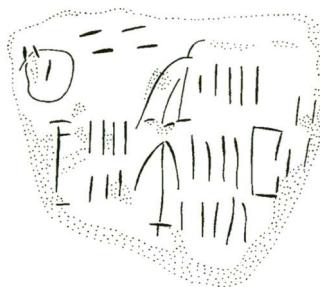


Fig. 9. A rare instance of an ‘ostracon’ listing commodities in Linear A script from Akrotiri, Thera (Michailidou 2000-2001)

46. As depicted in a Twelfth Dynasty tomb (HALL 1986, 50, fig. 37).

47. For more information on the workforce in Deir el-Medina, see VALBELLE 1985 and of course ČERNÝ 1973.

48. JANSSEN & JANSSEN 2002, 3.

49. Who sometimes complains that he had undertaken too many households (Hall 1986, 55; JANSSEN & JANSSEN 2002, 8). We even know the names of 18 laundrymen of the Theban necropolis (JANSSEN & JANSSEN 2002, Appendix on page 12).

50. JANSSEN & JANSSEN 2002, 6.

51. Also in the Near East there are references to the fuller or washerman working in an institutional context: RENGER 1984, 88.

52. RENGER 1984, 88.

53. This is the title given to the relevant chapter in GADD 1963.

54. The tablet U. 7793, presented by GADD 1963, 181-188.

55. For the interpretation of the term see GADD 1963, 181 and n. 11.

part of the payment the customer has offered, apart from a full meal, is a measure of grain, with which he promises to fill the cleaner's lap when the latter himself delivers the work completed to the customer's house. So this 'sketch of life at Ur'⁵⁶ has an economic interest, because, according to Gadd, it displays the presence in the Old Babylonian cities of a class of free workers, able to choose among the commissions offered them by private customers, and it also gives an example of means of payment for small everyday requirements of services. In the "Laws of Eshnunna", 20% of the value of the garment to be laundered is defined as the fee for a washerman's work, while Renger also cites as an exceptional case of reward the formal work contract from Nippur where a fuller received half a shekel of silver.⁵⁷

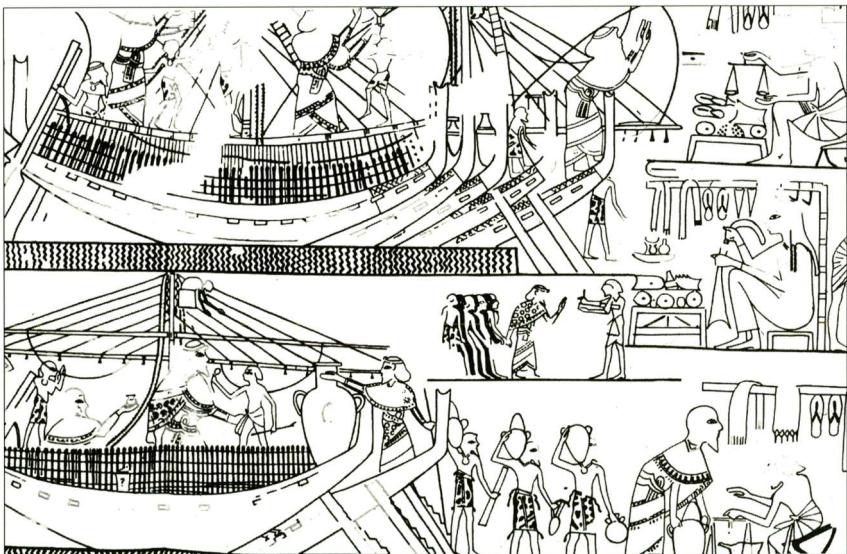


Fig. 10. Detail of the scene of unloading cargoes in the river bank, from the Tomb of Kenamun, a 18th Dynasty mayor of Thebes: traders sitting beneath shelters, offering a range of goods, among them sandals and lengths of cloth. They are holding little scale balances, perhaps to weigh metal, and are making deals with 'Syrians' from the ships (After Kemp 1989, 253-4 and Fig. 86). In the central register the mobility of the work force is perhaps depicted.

56. Cf. the general title of the article by GADD 1963.

57. RENGER 1984, 88.

THE VALUE OF HUMANS AS A COMMODITY: SOME EVIDENCE FROM EGYPT AND THE NEAR EAST

When faced with the subject of dependent or non-dependent personnel, the archaeologist who is dealing with the textual and material evidence from the Aegean era usually relies on Mycenaean texts written in the Linear B script.¹ Among the women recorded in the tablets as receiving rations from the palace,² there are female groups which have 'ethnic' designations associated with islands and ports along the coast of Asia Minor or which are even referred to as 'Asian' women;³ this has given rise to the hypothesis that these women were 'slaves', traded in return for Aegean luxuries.⁴ These women, coming from the outside of the borders of the Mycenaean kingdoms, are not designated as *do-e-ra*, though other are, and this word, *do-e-ro/a*, is connected etymologically with the Greek word for slave, but not necessarily related to it semantically.⁵ In the view of Nosch, this term was used in the Mycenaean period as "a designation of dependency towards the slave owner, and not as a general social condition", and there seems to be a difference between women generally dependent on the palace and privately owned slaves; she concludes that the term slave seems to be used only for slaves owned privately.⁶ Regarding female owners of slaves, Nosch stresses that priestesses and the key-bearer, had male and female slaves, in a cult context, while, by way of comparison, smiths could have slaves (Jn series), and in Crete the shepherds had slaves as well (C[4] set).⁷

In the attempt to understand similar situations in other pre-coinage societies outside the Aegean, it is natural to turn to the rich documentary sources from Egypt and the Near East. Uchitell, among the first to do this⁸, informs us that in Ur-III tablets, on which great numbers

1. E.g. HILLER 1988.

2. Cf. recently NOSCH 2003, 15, for more than 750 dependent women in the Pylian kingdom, some recorded as performing domestic duties but most of them working in the textile production.

3. The subject of ethnicity is in itself an enormous topic. Cf. Muhy: "I deal with ethnic groups only in the sense that those groups appear as recognizable entities in historical sources" (MUHY 1999, 517); see also A. & S. SHERRATT 1998, 335 for the point that ethnicity is not so much a constant quality attached to a particular group of people but a voluntary identification with a group dependent upon situation.

4. The Linear B evidence on this particular subject (with the relative references) has been recently summarized by Voutsas in a paper jointly given by K. VOUTSA and A. MICHAILIDOU in the *EMPORIA* conference (vol. 25 of *Aegaeum* series) with the title: Merchants and Merchandise. Humans as a Commodity in Aegean and Oriental Societies (in press).

5. UCHITEL 1984, 260; for the word *do-e-ro*: "it is more likely to be a loan-word of Asiatic origin" (CHADWICK & BAUMBACH 1963, 187).

6. NOSCH 2003, 18-19, 22.

7. NOSCH 2003, 14.

8. A. UCHITEL, *Mycenaean and Near Eastern Economic Activities* (1985), 173-186.

of female laborers and children are listed mainly as millers and weavers,⁹ the designation ‘woman from foreign country’ refers to a captive slave-girl.¹⁰ Records of ‘Asiatics’ (*Aamu*) in Egyptian texts, in particular women weavers, may imply that the Asiatic (*Aswiai*) women of the Pylian archive played the same role as Asiatics who entered Egypt, for both lands were rich in flax production and required a skilled labor force for their linen industry. Of course, it is not certain that the determinant ‘Asiatics’, whether verbally specified or presumably defined, refers to the same people in both cases; but the important common element is that the designation is usually applied to persons of superior skills, as compared to local servants.¹¹ Textual evidence of gift exchange of master artisans between courts of Egypt and the Near East¹² occasionally yields information on cases where artisans were sent under the supervision of guards and presumably trained workers had a considerable exchange value. Merchants in the Near East are occasionally mentioned as being involved in trading foreigners, whether these people were in debt to merchants or were immigrants, had been captives of war or kidnapped by nomads and pirates.¹³ In this chapter some cases of the exchange value of humans will be mentioned in connection with various levels of dependent personnel, who may perhaps have had the social status of slaves or serfs, but who are not easily defined as such, whilst any attempt at definition remains dubious.

Gelb’s article deals with the problems involved in defining a slave,¹⁴ as does a whole volume of *Altorientalische Forschungen* (and many other studies that followed).¹⁵ Consideration of the question of what consists slave-labour as opposed to non-slave labour occurs constantly in the literature on organization of work in Eastern Mediterranean and Near Eastern societies.¹⁶

To start with the Aegean era: two Linear B tablets from Knossos have been interpreted as ‘contracts’ for the sales of slaves:¹⁷ they include the name of the buyer, who might be acting on behalf of the palace, the name of the ‘slave’ (*do-e-ro*) who is exchanged, the name of the former owner, and the verb *ηπάτω* (meaning in ancient Greek ‘he has bought’), but no exchange value is given.

Turning to Egypt, we find that the terminology used to define humans in some sort of service (or corvée labor¹⁸) is varied. For the First Intermediate Period, for instance, Moreno

9. For example, in two households in Girsu, there are 1019 women and 666 children under seven superiors and 1045 women and 625 children under eight supervisors respectively, all of these female weavers (UCHITEL 1984, 269).

10. UCHITEL 1984, 261–265.

11. See the whole discussion on this subject – and on the debatable meaning of Asia – in the paper presented in the *EMPORIA* by MICHAILIDOU & VOUTSA (supra n. 4).

12. ZACCAGNINI 1983.

13. MICHAILIDOU & VOUTSA (supra n. 4).

14. The article begins with the phrase “The term ‘slave’ can be discussed, but not defined” (GELB 1979, 283).

15. AoF 1977; more recently: B. MENU, La question de l’esclavage dans l’Égypte pharaonique, *Droit et Cultures* 39, 2000/1, 59–79.

16. E.g. DIAKONOFF 1987 and other chapters in POWELL 1987.

17. OLIVIER 1987; MICHAILIDOU & VOUTSA (supra n. 4); SACCONI (previous chapter n. 3).

18. EYRE 1987, 18 ff; MENU 1998, 202, 206; also DONADONI 1990 (the chapter by A. Loprieno).



Fig. 1. Asiatic from the caravan from the Eastern Desert; detail of a scene depicted on the walls of the Tomb of Chnumhotep at Beni Hasan (NEWBERRY 1893, Pl. XXXI)

Garcia gives the following (with a translation in French): *rmt* (*les gens*),¹⁹ as the most frequent, *tp* (*tête*) and *b3k* (*serf*).²⁰ The determinant Asiatic ('*m*') is usually treated by Egyptologists as equivalent to the other terms for 'servant', though in this case for a Semite from Syria or Palestine (Fig. 1).²¹ For the Egyptian servant, the usual terms in Gardiner's Grammar (Fig. 2) are *hm*²² and *b3k*, the latter related to the verb 'work',²³ while the collective *rmt*, meaning 'people', and the *tp*, meaning 'head', are also referred to.²⁴ As the variation in Egyptian terminology shows,²⁵ social conditions are not clear;²⁶ what is more, any official could refer to himself as the king's or God's servant.²⁷ In two of the designations for a serf (*meret*²⁸ and

19. The *t* of the transcribed form of this word should be underlined. The word refers also to the Egyptians as opposed to the foreigners (MORENO GARCIA 2000, 129 n. 40).

20. MORENO GARCIA 2000, 129.

21. HAYES 1955, 94–99; ALBRIGHT 1954; SCHNEIDER 1987; MICHAELIDOU & VOUTSA (supra n. 4).

22. With a dot under '*h*', producing a sound of an emphatic 'h' (GARDINER 1927 [1957³], 27).

23. According to BAKIR (1952, 16) *b3k*, when transitive, means 'to force to work' while when used intransitively it means 'to work for' (=to serve) and this service may even be ordinary employment; thus the noun may refer to a person working of his own will or to one forced to work for others, and that it does not by itself mean slave is evident from a case where a *b3k* married the king's daughter (BAKIR 1952, 17).

24. For all these terms see GARDINER 1927 (1957³) *passim*, HAYES 1955, MENU 1998, MORENO GARCIA 2000.

25. Cf. also BAKIR 1952, 68 for other terms used for domestic and rural workers.

26. It is interesting to note here that in New Kingdom period, there are cases of the introduction of a slave into a household when there was no direct heir, with the intention of ensuring succession in the family (EYRE 1987, 210); cf. MENU 2000/1 (supra n. 15), *passim*.

27. "Un 'vizir' se dira, par exemple, le *b3k* de Pharaon. Pharaon est lui-même *hm.f.*, 'son serviteur' c'est-à-dire qu'il ne dépend de personne" (MENU 1998, 194).

28. EYRE 1987, 35 considers that the *mrt* who worked the lands and the estates of the Old Kingdom officials, though of undefined legal position or terms of service, are also to be regarded as serfs.

| | | |
|--|--|---|
| | | rare var. <i>rmt</i> (H 4) men, people ; |
| | | <i>hm</i> (U 36) male slave, f. <i>hmt</i> det. |
| | | <i>b3k</i> work, <i>n</i> for, i. e. serve ; <i>b3kw</i> det. |
| | | produce (n.); <i>b3k</i> det. |
| | | <i>manservant</i> ; <i>b3kt</i> det. |
| | | var. <i>mrt</i> (N 36, f.) weavers. |
| | | <i>mrt</i> serfs, slaves. |
| | | <i>smdt</i> subordinates, staff (e.g. of temple). |

Fig. 2. Terms used for workers or servants in Egyptian Hieroglyphic Script (after GARDINER 1957³, *passim*)

*semedet*²⁹) the British Museum Dictionary states that they were allowed to own property and their limited freedom was tied more by tradition or economic circumstances and much less by law.³⁰ In sum, there were different forms of dependent work or serfdom³¹ in Pharaonic Egypt; according to Bakir, “the decisive criterion for slavery as opposed to simple serfdom should be the possibility or impossibility of being sold.”³²

Humans as part of the goods of an individual’s property are attested in Egypt at least as early as the First Intermediate Period (2181–2040 B.C.): autobiographical texts of the period express the acquisition of valuable items (flocks, ships, fields, and people) by members of local elite; e.g. the general *Nwj* refers to the acquisition of 40 serfs, 54 bovines, 36 donkeys and 260 goats.³³ Humans are also mentioned among inherited goods, e.g.:

“j’ai acquis trois serfs et sept servantes en supplément de ce que mon père m’avait donné”³⁴ or

“les gens de mon père Mentouhotep étaient nés dans la maison en tant que biens de son père et de sa mère. Mes gens proviennent également des biens de mon père et de ma mère, ainsi que de mes propres biens que j’ai acquis par mes propres moyens”³⁵

29. Cf. *smdt* in previous chapter in the paragraph for the semi-dependent washer men and others ‘outside’ of the Deir el-Medina village.

30. SHAW & NICHOLSON 1995, 272.

31. Serfdom is another ambiguous word often used by scholars as distinct from freedom and slavery (see GELB 1979, 285 ff. for various aspects and views on the word serfdom).

32. BAKIR 1952, 8.

33. Stele Cairo JE 45600: MORENO GARCIA 2000, 129 no. 15.

34. MORENO GARCIA 2000, 129 no. 1. The terms used are *b3k* and *b3k.t* (fem.). I retain the translation of Egyptian texts in the language of each article in order to avoid faults in transfer of meanings.

35. MORENO GARCIA 2000, 129 no. 13. The term used is *rmt*.

And they may also circulate along with other goods:

*“j’ai donné dix pièces de tissu à de ritualiste, ainsi qu’un serf et une servante”*³⁶

These cases of wealth acquisition do not represent royal compensations, as was the rule during the previous – Old Kingdom – period (when also any private possession of land was absent from the autobiographies³⁷); they are to be considered as acquisitions made semi-officially.³⁸ Moreno Garcia suggests that perhaps “the impoverishment of peasants, the abuses committed by powerful local men and the failure to repay the debts contracted in hard times could lead people to become serfs, specially in domestic contexts. It also seems that women were particularly affected by this situation”.³⁹

The famous correspondence of the farmer and landowner Hekanakhte, of the period of the Eleventh Dynasty, also reveals that he had people working his land. The letters are tentatively dated in about 2005 and 2002 B.C.⁴⁰ In one of his letters Hekanakhte urges those who work on his fields, including members of his family, to work hard so that they may earn their keep.⁴¹

The term used for slaves, as well as their status, may vary from one historical society to another, and from age to age within the same culture. We know a certain amount about the “women slaves” in Deir el-Medina, of the 19th and 20th Dynasties (1295-1069 B.C.), who, as Černý emphasizes,⁴² were always the last in the lists dealing with ‘salaries’⁴³ which consisted of grain. The rations of grain they received were smaller than those of the ordinary workmen, for example $\frac{1}{2}$ *khar* of barley⁴⁴ is given to each of two slave women (while the workman gets 2 *khar*); or when the slave receives as much as $\frac{1}{2}$ *khar* of emmer, a workman has 4 $\frac{1}{2}$ *khar* etc.⁴⁵ Nothing is stated regarding the work they are involved in, but Černý presumes that the king supplied both barley and emmer to his workmen and slave women to grind the grain into flour (Fig. 3), work performed at the back of the house, in the kitchen where grinding stones have been actually found in the workmen’s village.⁴⁶ The extremely interesting point about their status is that, in Černý’s view, the women slaves did not belong to any workman or family, the community owned them collectively and they remained the property of the

36. MORENO GARCIA 2000, 129 no. 11. The terms used are *b3k* and *b3k.t* (fem.).

37. MORENO GARCIA 2000, 126.

38. MORENO GARCIA 2000, 131-133 ; he notes ‘la fréquence des références à l’achat de personnes...faites en marge de l’État’.

39. MORENO GARCIA 2000, 139 and n. 87 with references to similar phenomena in the Near East.

40. JAMES 1962, 3.

41. JAMES 1984, 119.

42. ČERNÝ 1973, 175-181.

43. Inverted commas are used here in order to remind the reader that there is a basic difference, of course, between wages or salary and upkeep rations, the first being given as a recompense for labour and the second for the necessary upkeep of dependent personnel. (cf. ZACCAGNINI 1988, 45. citing I.J. Gelb’s important remark)

44. A measure of volume, 1 *khar* is 76.88 lit. ČERNÝ assumes that $\frac{1}{4}$ of *khar* was meant as the upkeep for the woman slave.

45. ČERNÝ 1973, 176.

46. ČERNÝ 1973, 177.

king, under the control of the administration of the Tomb.⁴⁷ Černý considers it possible that a slave woman worked one or more days for one family, and then moved on to the next, for the term “servant’s day”, is met with now and then in documents, usually given in *payment*, e.g.:

“Year 3, 3rd month of the summer season, day 21, the day when mistress... gave her day of servant to the workman Any, 10 days per month, making 120 days per year, [for 4 years], making 480 days. The list of silver which Any gave her”⁴⁸

In Černý’s view, although the names of the items given in return for the servant’s days are not all preserved, it is clear that they were valued in *š ‘ty*,⁴⁹ with a total of $18 \frac{1}{2} \text{ š ‘ty}$, that is more than $1 \frac{1}{2} \text{ deben}$ of silver or – converted to copper – around 150 deben of copper, leading to a sum of only $\frac{1}{3} \text{ deben}$ for one working day. In another case, a workman sells “his day of servant” against only a sieve and the basket belonging to it; of course these low sums might easily be explained by the fact that what is sold is only the *working time* of a servant *not owned* by the seller; but Černý still considers the sums too low, when compared to the cost of 2 š ‘ty of silver of one working day of a woman in the 18th dynasty (that is over 16 deben of copper).⁵⁰

Indeed turning back to the 18th Dynasty (1550-1295 B.C.), one finds various cases of people obtaining “servant’s days” in return for cows, bulls, goats, clothes, evaluated in *š ‘ty* of silver; for instance a case (in the 33rd year of Amenophis III) of someone buying from a certain woman six days of her female servant in exchange for 8 goats and some textiles, amounting to the value of 10 š ‘ty .⁵¹ This seems a complex system indeed, with one person serving more than one ‘master’ and any ‘owner’ being in position to transfer to others, ‘fractions’ of an individual’s working time.⁵²

Bakir has referred to hire contracts of the 18th Dynasty, as opposed to the scarcity of real sale contracts.⁵³ As examples of sale prices for the following Ramesside period (19th-20th



Fig. 3. A wooden tomb model of a woman grinding grain (after Robins 1993)

47. ČERNÝ 1973, 178.

48. ČERNÝ 1973, 179. ALLAM (1998, 141, n. 31) considers that the ‘four’, if correct, refers to slave number instead of years.

49. Cf. the discussion on *shat/shaty/seniu (sniw)*, supra, previous chapter n. 27.

50. ČERNÝ 1973, 179-180; Cf. MENU 1998, 204, for the average tariff of 2 *shaty* per working day and the relevant papyri of the 18th Dynasty with the transactions that she prefers to define as “Le louage de services”.

51. For more on these ‘hire contracts’ of the 18th Dynasty, see ALLAM 1998, 140-148.

52. “Le principe de l’achat partiel d’un esclave permet de mieux définir la notion de propriété, et d’expliquer les textes où une ‘fraction d’individu’ prête ses services à un maître donné; il s’agit d’un personnage qui doit au maître une fraction annuelle de son travail, quantifiée en jours.” (ALLAM 1998, 145).

53. BAKIR 1952, 73

Dyn.), he mentions the price of 4 *deben* and 1 *kite* of silver for a young Syrian girl in Pap. Cairo 65739 (*cf.* below) and the price of 2 *deben* of silver for a man slave, in Pap. BM 10052.⁵⁴ In the latter papyrus, the wife of a tomb robber, while denying under interrogation any knowledge of the silver stolen by her husband,⁵⁵ when asked specifically about how she got the slaves, replies

*“in exchange for crops from my garden”*⁵⁶

Kemp comments that it is a most important point in itself that she can base her case on being able to grow cash crops on a significant scale, and refers to the response by another wife who has been asked to explain her property in silver. She bases her argument on a relationship of supply and demand:⁵⁷

“I got it in exchange for barley in the year of the hyenas, when there was a famine”

Bernadette Menu, who has thoroughly studied the subject of hiring the working time of dependent personnel,⁵⁸ mentions only two texts that may refer to the transfer of the whole working time of a person, for an undefined period. In the Twelfth Dynasty (1985-1795 B.C.) Pap. Kahun 1.2, there is a transaction between two brothers of high status, regarding four female Asiatics, two women and two little girls.⁵⁹ Though the term used in the text to define the specific act implies some compensation given in return,⁶⁰ such a compensation itself is not preserved in the text, so Menu decides that it may consist of an official transfer of personnel who were previously undertaken for training.⁶¹

The second case is the one implied by the text Pap. Cairo 65739, which we have already mentioned;⁶² the value of a Syrian girl bought from the merchant⁶³ is stated at 4 *deben* and 1 *kite* of silver, but is paid in copper vessels and cloth, with their value stated in silver.⁶⁴ In particular:⁶⁵

*“1 wrap of thin cloth: value 5 kite of silver”*⁶⁶

1 sheet (?) of thin cloth: value 3 1/3 kite of silver

1 cloak of thin cloth: value 4 kite of silver

54. BAKIR 1952, 101.

55. For the papyri containing the confessions of the Theban thieves in the Late New Kingdom period: PETRIE 1930

56. BAKIR 1952, 70 (Pap BM 10052, 10. 14-15).

57. KEMP 1989, 243 (Pap. BM 10052, 11. 5-8).

58. MENU 1998: Les échanges portant sur le travail d'autrui.

59. MENU 1998, 197. More on the Asiatic servants, summarized with relevant references, in MICHAILIDOU & VOUTSA (supra n. 4).

60. ‘La vente est pour la première fois définie par le mot *sounet*...impliquant la remise d’ une contrepartie’ (MENU 1998, 197).

61. MENU 1998, 198.

62. Supra p. 39 and previous chapter, p. 28.

63. The term *šwty* is used, cf. also KEMP 1989, 257 ff.; ALLAM 1998, 148-156.

64. GARDINER 1935; also supra previous chapter n. 28-30.

65. The text here is taken from JAMES 1984, 262.

66. The *kite* is the one tenth of *deben* (of 91 grams).

*3 loin-cloths of fine thin cloth: value 5 kite of silver
 1 skirt of fine thin cloth: value 5 kite of silver
 Bought from the citizeness Kafy, 1 bronze gay-vessel: value 14 deben (of copper)⁶⁷, value 1 2/3 kite of silver
 Bought from the chief of the store-house, Piay, 1 bronze gay-vessel: value 14 deben (of copper), value 1 1/2 kite of silver
 Bought from the priest, Huy-panehsy, 10 deben of waste copper: value 1 kite of silver⁶⁸
 Bought from the priest, Iny, 1 gay-vessel of bronze: value 16 deben (of copper), value 1 1/2 kite of silver; 1 menet-vessel of honey: value 1 hekat⁶⁹ of barley, value 5 kite of silver
 Bought from the citizeness, Tjuiay, 1 bronze kehen-vessel: value 20 deben (of copper), value 2 kite of silver
 Bought from the steward of the Temple of Amun, Tutui, 1 bronze kebet-vessel: value 20 deben (of copper), value 2 kite of silver; 10 tunics of fine thin cloth: value 4 kite of silver
 Total for everything: 4 deben and 1 kite of silver
*And I gave them to the merchant Reia, with nothing among them belonging to the citizeness Bakmut.⁷⁰ And he gave me the girl whom I named Gem-ny-her-Imentet.**

The young girl is alternatively defined by the terms *ḥmt.t* or *b3k.t* (in versions for the feminine) and, in Menu's view, her youth indicates that she was meant to be trained by her mistress in weaving, afterwith seven other persons, in fact the neighbors mentioned as having contributed to the means of payment, are to profit of her working time.⁷¹

In view of the great variety in the social status of dependent personnel and in the terminology used, one may safely conclude two points only: that there was not one specific word to define a person of our current view on the social status of a slave, and that there was great mobility in human capital, with silver, cloth, metal vessels or animals being given in exchange for hiring the working time of servants.⁷²

To turn to the Mesopotamian evidence: "there are sufficient indications to suggest that craftsmen worked both independently and in institutional workshops throughout the history of Mesopotamia".⁷³ In regard to the dependent personnel, the number of people who received rations from the institution, be it state or temple, was enormous.⁷⁴ But if one also considers Bakir's definition of slavery, then we should look for existing evidence on contracts of sale. Steinkeller discusses Ur- III (2150-2000 B.C.) sale documents, where out of a total of 137

67. The first value represents the actual weight of the artifact; see also MICHAILIDOU 2001b.

68. Thus a ratio 100:1 for copper: silver is given (GARDINER 1935, 145-146), and the role that waste copper could play in payments is evident; Cf. MICHAILIDOU 2001b.

69. A measure of volume.

70. She is the woman who, according to her relative, the soldier Nkhi, who is the accuser of Iry-nefer, had contributed to the building of a tomb in exchange for a male slave, also mentioned in this Lawsuit.

71. MENU 1998, 199-200, where she equalises 'enfant', in the text, with 'apprenti'.

72. Cf. MENU 1998, 194: "Juridiquement, les *ḥm.w* et les *b3k.w* sont traités comme des homes libres; sur le plan économique, ils sont considérés comme un capital mobile."; also MENU 2000/1 (supra n. 15), 78 where she defines these two categories as "... des sujets libres, titulaires de droits et redevables d'obligations (impôt, corvée)".

73. VAN DE MIEROP 1997, 179.

74. WAETZOLDT 1987, 118.

| SLAVE SALE (3.133B) | |
|--|---|
| <i>Piotr Steinkeller</i> | |
| This text comes from Nippur and dates to the Ur III period (5th year of Ibbi-Sin, the 10th month, ca 2024 BCE). | |
| (lines 1-7) One woman — her name being Geme-Ezida; her price being 4 shekels of silver — Ur-Nuska, the NU-ES(nešaku) priest, bought from Zanka, her mother. | (lines 11-12) They swore by the name of the king not to contest one against the other. |
| (line 8) Ur-G[ula], the merchant, was the one who weighed out the silver. | (lines 13-17) Ur-sukal, Lu-balašaga, Lugal-nesage, (and) Ur-nigingar — these are the witnesses. |
| (lines 9-10) <u>Lugal-namtare is the guarantor.</u> | (lines 18-20) Month Ab-è, year that the king's daughter was married to the ruler of Zabšali. Seal: Zanka, daughter of Ur-dun. |

Fig. 4. Slave Sale document of Ur-III period (after Hallo & Younger 2002). We notice here the expression for paying: "weighing out the silver". We also notice the transfer of a girl from her mother to the temple (?)

sale documents, the majority, that is 85, concern sales of persons (Fig. 4), four of them involving self-sale; Steinkeler notes that, the term *sag*, whose basic meaning is 'head', in a transferred sense means 'human being' and when it is combined with the qualifications *nita* and *SAL*, its respective meanings are '(grown) man' and '(grown) woman', while in contrast, the terms *árad* and *géme* are social terms. He therefore states that in his study he takes *sag* as 'head', *sag-nita* as 'man', *sag-SAL* as 'woman' and he will reserve the translations 'slave' and 'slave woman' for *árad*⁷⁵ and *géme* respectively;⁷⁶ in Old Babylonian times, though, *SAG.ÁRAD* and *SAG.GÉME*, standard descriptions of sold humans in the sale documents of the period, mean slave and slave woman, and these hybrid logograms are considered Old Babylonian creations.⁷⁷

The existence of domestic slaves in Old Babylonian Ur (2000-1600 B.C.) is evidenced by various documents (in inheritance divisions up to 19 female slaves are listed among the property of the family, in dowry lists even five slaves are given); they were traded as a commodity, there is one at least case of self-selling for debts and they could even be used as guarantee for loans.⁷⁸ These domestic slaves had a monetary value and they could be used as means of payment (even by a shepherd to pay his arrears).⁷⁹ The 'price' for a female slave varied from 52 grams to 192 grams of silver⁸⁰ as compared to the 'price' of 2.66 grams to 16 grams of silver for a sheep.

75. The Sumerian term *árad* is also used in cases of free persons, referred to as servants of high-ranking officials, or in the case of the king when referred to as servant of a god (GELB 1979, 284), just like the Egyptians.

76. The Sumerian term *géme* originally referring to 'woman of the mountains', that is a captive, covers two of the terms used for men: the *árad* (slave) and the *guruš* (serf): VAN DE MIEROP 1989, 64-65.

77. According to STEINKELLER 1989, 130-131.

78. AS VAN DE MIEROP 1992, 213-214.

79. VAN DE MIEROP 1992, 225.

80. VAN DE MIEROP 1992, 200 (UET 5: no 184, 188).

In any attempt to estimate the exchange value of a human being, the definition as “*people who are delivered for silver*”, given in the following text from Ugarit, which is coincidentally revealing as regards the social stratification, is of some help. The Akkadian text in question (RS 17.238) is a letter from the Hittite king, Hattušiliš III (13th cent. B.C.), to Niqmepa, king of Ugarit, his vassal, in which the Hittite king declares that he will not accept in his territory fugitives from Ugarit of any of the following categories:

- “sons of Ugarit”
- “servants of the king of Ugarit”
- “servants of the servants of the king of Ugarit”
- “people who are delivered for silver”⁸¹

The latter status is described in the text RS 17.130, also a letter of Hattušiliš III sent to Niqmepa, where it is stated that traders from Ura, a seaport of the Hittite kingdom, when trading in Ugarit may take Ugaritian debtors and their families into ‘slavery’, though their land and property may remain in the hands of the King of Ugarit:⁸²

*“And if silver of the sons of Ura is with the sons of Ugarit, and they are not able to repay it, so the king of Ugarit these people together with his wife, together with his sons, into the hands of the merchant shall deliver.”*⁸³

So merchants were involved in human-labour traffic. In Nuzi documents humans may even appear as capital for purchases in the Levant, as Zaccagnini cites:

*“PN, the merchant, took one woman belonging to the palace for (a value of) 5 talents of copper and, upon arrival of his caravan, he will convert the 5 talents of copper into (essence of) cedar, juniper, cypress, myrtle,..., in blue and red purple-wool and in dye (extracted) from worms and will deliver it in the palace to PN2”*⁸⁴

The Nuzi evidence for slavery and/or serfdom presents similar problems to those presented by contemporary Late Bronze Age Syrian archives. The label *ardu* applied to ‘slaves’ who are dependent on both palace officials and dependents (of various professional capacities and bureaucratic ranks) and on family households, in Zaccagnini’s view, does not necessarily imply “an identical personal situation both from a juridical and a social view-point”; instead, “to all appearances, specialized handicraft (textile industry in the first place) was carried out by slaves”.⁸⁵ The average purchase price for a male slave was 30 shekels of silver, whilst for a slave maid it was 40 shekels.⁸⁶

81. Cf. HELTZER 1976, 4-5; cf. HELTZER 1987, 247 for an average price of 30 shekels per slave.

82. HELTZER 1988, 9.

83. HELTZER 1976, 57.

84. ZACCAGNINI 1984, 148 (*AASOR XVI* 77).

85. ZACCAGNINI 1999, 96-97.

86. ZACCAGNINI 1988, 49, where also see in comparison the price of the bride, again 40 shekels, or the price of an ox, 10 shekels of silver; 1 mina of copper is the compensation for each day of absence of work of a pledged person (idem 46); the price of a male slave 30 shekels of silver = 20 imērū of barley, corresponds to 6 months and 20 days of hired work (idem 51).

It has been suggested that in some cases transported humans represent a workforce that moved from place to place of its own free will, that is, that they themselves offered provisional work to caravans of desert tribes with the aim of following them in safety to areas where conditions were better.⁸⁷ As for the involvement of nomads in human labour traffic, the nomadic Sutians⁸⁸ play a role similar to that of the Bedouins of Egypt.⁸⁹ In some cases the Sutians captured people by force, which is the reason why a royal command of king Samsu-iluna of Babylon (1749 B.C.), forbids the sale of any slaves deriving from Babylonian districts under the code of Hammurabi:

“Nobody shall buy a man or a woman who is a citizen of Idamaras or of Arrapha from the hands of the Sutians. (Anyone) who buys a citizen of Idamaras or of Arrapha from the hands of the Sutians shall forfeit his silver”⁹⁰

In a letter from the king of Karkemish to Ammištamru II of Ugarit, a slave is liberated from the hands of the Sutians in exchange for 50 shekels of silver.⁹¹

That in the case of Mari the slaves were included in merchandise that could be exported only under state control is shown by Finet who refers to the case of two persons wanting to export four women but who are stopped by the governor of the district, named Sagarātum, because they do not have the tablet containing permission from his master; the governor states:

“sans la permission de mon seigneur, aucun envoi ne peut passer vers un pays étranger”
and the governor also asks:

“pourquoi n'es tu porteur d' une tablette de mon seigneur?”⁹²

Another document from the archives of Sagarātum informs us that a Canaanite has managed to export a woman slave but on his return he is stopped by the soldiers and he is obliged to surrender the 2 asses and 3 sheep he has earned from this transaction.⁹³

Powell, in his study on continuity and discontinuity in price structure in Mesopotamia, remarks that “in contrast to the up-down-up movement of barley prices, the cost of adult slaves seems to rise gradually from about 10-20 shekels in the third millennium (Presargonic-Ur III) to 20-30 shekels in Old Babylonian period, moving above 30 shekels in Middle Babylonian to around 1 mina (60 shekels) in Neo-Babylonian” though he notes that the range is in fact even greater (from 2/3 shekels in Ur III to 3 minas or more in Neo-Babylonian).⁹⁴

If we turn to the Hittite laws for data on prices of slaves we find a particular paragraph (176b) that offers specialized information:

87. KLENGEL 1977, 168.

88. KLENGEL 1977, 168-169.

89. The Bedouins as in regard to the movement of Asiatics (MICHAILIDOU & VOUTSA supra n. 4).

90. POSTAGATE 1992, 219, Text 11.10.

91. KLENGEL 1977, 169 and n. 40.

92. FINET 1974/77, 130 (ARM XIV, 52).

93. FINET 1974/77, 131 (ARM XIV, 79).

94. POWELL 1990, 94 and n. 80 with relevant references to these periods.

“if anyone buys a trained artisan – either a potter, a smith, a carpenter, a leather-worker, a fuller, a weaver, or a maker of leggings, he shall pay 10 shekels of silver”

Hoffner⁹⁵ suggests that this paragraph refers to the purchase of a slave trained in either of the above skills and, although he is aware of the possibility that ‘prices’ in the law codes are not necessarily valid,⁹⁶ he believes that in this case the figure should be mended to 30 shekels of silver. To the opinion that this paragraph shows the buying price of a trained and unfree person an opposite view has recently been expressed. Floreano believes that the scribe meant the ‘purchase’ of the specialized work of an artisan in free condition.⁹⁷ As in other codes also,⁹⁸ there is a section dedicated to sanctions against physical injuries, where the fine in the case of a slave is, as usual, half of the silver paid for free persons, and it is not clear if the compensation was destined to the injured slave or to the owner.⁹⁹

In this chapter, the selection of evidence about a category of dependent labour usually considered as slavery or serfdom, is intended to give a picture of the activity in Egypt and the Near East. The ‘suplesse’ in the legal or economic situation of slaves, as a modern scholar understands it for Egypt,¹⁰⁰ might, or might not, also be the case in the Aegean era. It would seem as if slave sale contracts were more of a habit in Mesopotamia than in Egypt, for instance, but what this means in terms of society or economy, has yet to be discussed. Here we may only offer some thoughts regarding the Linear B contracts, some of them already expressed by Olivier.¹⁰¹ Firstly, in comparison with the Egyptian evidence as referred to by Menu,¹⁰² the two preserved Mycenaean contracts constitute a not inconsiderable piece of evidence, since they come from the same find spot, near the North Entrance of the palace at Knossos, and are written by different scribes. The absence of the exchange value might, of course, indicate that the scribe was interested only in recording the purchase on behalf of the palace. If not, however, the palace might have functioned as the official witness keeping the record of the transfer of a *do-e-ro* between two individuals: this recalls the already mentioned case of the Pap. Kahun 1,2 where the act of transfer is taking place in front of the official

95. HOFFNER 1997, 140-141, 220. In paragraph 177: 20 shekels of silver is the price for an unskilled man.

96. The ‘Laws of Eshnunna’ as well as those of Hammurabi, list wages and fees for craftsmen etc. but the various tariffs listed in terms of the value of a silver shekel are more as a political propaganda than an accurate reflection of economic circumstances; still, these lists of equivalencies, in addition to contribution to the king’s image as a good ruler, also served as a standard of comparison for commodities bartered in exchange for barley, which was mostly obtained through rations, and silver was the most convenient and common denominator for this purpose (RENGER 1984, 91-94).

97. FLOREANO 2001, 224.

98. In Sumerian, Babylonian, and Assyrian laws a large amount of space is dedicated to slavery, and the great interest in slavery reflected in legal documents indicates a preoccupation with this subject (GELB 1979, 283).

99. FLOREANO 2001, 225.

100. The French word ‘suplesse’ used by MENU 1998, 194.

101. OLIVIER 1987, 496-497.

102. Who declares that “rien ne permet de déceler, dans l’Égypte pharaonique, la moindre trace d’un esclavage privé. Quant à l’esclavage public... le rôle présumé de l’esclavage... est rempli par un système de travail obligatoire (ou “corvée”) requis périodiquement de toutes les couches laborieuses de la population” (MENU 2001, supra n. 14, 78).

authority¹⁰³ and, although the term (*sounet*) used in the text to define the act implies recompense in some form, this is not recorded (?), exactly as in the case of the Knossian tablets, where the term *npíato* is used without specification of the means of payment. The same term *sounet* is used in contracts of the 18th Dynasty to define a transfer of the working days of a servant between two persons, in one case among a shepherd and a herdsman¹⁰⁴ (the recompense specified). If, as in the Deir el Medina parallel, the palace of Knossos was normally the provider of *do-e-ro* to his dependents, and they could further divide his working time among them, then this act was recorded by the palace with no interest on the recompense given. In any case, Olivier is absolutely right in defining these tablets as “texts juridiques”.¹⁰⁵ Such questions may be asked by an Aegean archaeologist but are, of course, for philologists to investigate. For the Aegean archaeologist, other issues arise, in particular how one can infer this variety in social ranking from the material evidence available, such as visual representations or households equipment? For example, is ‘otherness’ as expressed in the depiction of the so-called Priestess in the West House of Akrotiri (Thera), used to emphasize a ritual or a *rite de passage* activity or to define a social or ‘ethnic’ identity?¹⁰⁶ This is a rather modest house where over 400 loom-weights were found in one room; who worked on the presumed four to five looms of the upper floor central room?¹⁰⁷ Was it for the inhabitants of the house only, or was there also hired labour for the textile industries housed in certain of the buildings of the settlement? And, given the Therans’ role of middlemen in trade,¹⁰⁸ how distant is this textile production¹⁰⁹ from the model of the export-oriented production of the Old-Assyrian traders?¹¹⁰ In this case, we might ask if other ‘foreign’ textiles were also imported as a transit good. And the discussion is to be continued.

103. “Il a été fait dans le bureau de ‘Vizir’, en présence du chef de la Ville, le ‘vizir’ Khéty, par le Scribe port-sceau du bureau de la Main-d’oeuvre Amény fils d’ Amenemhat, un échange à titre onéreux (sounet)...” (MENU 1998, 197).

104. It is the act in the 33 year of Amenophis III (MENU 1998, 204); cf. supra n. 7 (NOSCH 2003); shepherds in royal service in Ugarit had ‘youngsters’ or ‘apprentices’ who were their subordinates (HELTZER 1987, 241).

105. OLIVIER 1987, 479.

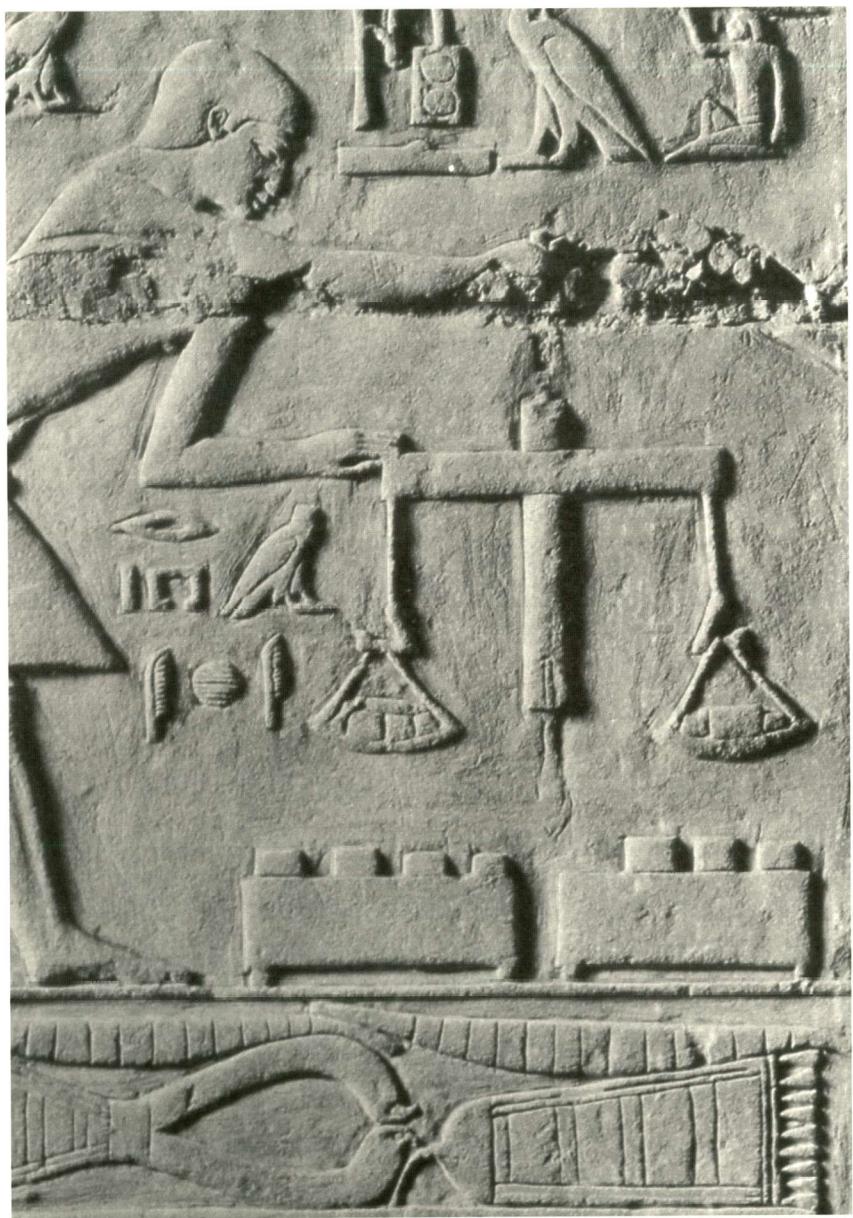
106. MICHAILIDOU & VOUTSA supra n. 4; Cf. I. PAPAGEORGIOU, On the rites de passage in LC Akrotiri, Thera: A Reconsideration of the Frescoes of the ‘Priestess’ and the ‘Fishermen’ of the West House, S. SHERRATT (ed), *The Wall Paintings of Thera*, Athens 2000, 961-963.

107. TZACHILI 1997, 192.

108. DOUMAS 1982.

109. Also in the light of the great number of textiles recorded in a single Linear A tablet from Akrotiri (Thera), one of the very few tablets preserved at site (BOULOTIS 1998).

110. Supra, previous chapter, fig. 5.



DATA BANK
OF SELECTED BIBLIOGRAPHY

ABBREVIATIONS

| | |
|-----------|--|
| AA | <i>Archäologischer Anzeiger</i> |
| AAA | <i>Αρχαιολογικά Ανάλεκτα εξ Αθηνών</i> |
| AAAS | <i>Les Annales Archéologiques de Syrie (Annales Archéologiques Arabes Syriennes)</i> |
| AAS | <i>Annales Archéologiques de la Syrie</i> |
| AASOR | <i>The Annual of the American Schools of Oriental Research</i> |
| ArchEphem | <i>Αρχαιολογική Εφημερίς</i> |
| AfO | <i>Archiv für Orientforschung</i> |
| AIIN | <i>Annali Istituto Italiano di Numismatica</i> |
| AJA | <i>American Journal of Archaeology</i> |
| AmerAnt | <i>American Antiquity</i> |
| AnatSt | <i>Anatolian Studies</i> |
| AnScA | <i>Annuario della Regia Scuola Archeologica di Atene e delle missioni, italiane in Oriente</i> |
| AoF | <i>Altorientalische Forschungen</i> |
| AOAT | <i>Alter Orient und Altes Testament</i> |
| AOS | <i>American Oriental Society</i> |
| ArOr | <i>Archiv orientální</i> |
| ArchVer | <i>Archäologische Veröffentlichungen,</i> |
| ARET | <i>Archivi Reali di Ebla. Testi</i> |
| ARMT | <i>Archives royales de Mari (transcription et traduction)</i> |
| ASAE | <i>Annales du Service des Antiquités de l'Égypte</i> |
| ASJ | <i>Acta Sumerologica (Japan)</i> |
| ASOR | <i>American School of Oriental Research</i> |
| BAR | <i>Biblical Archaeology Review</i> |
| BASOR | <i>Bulletin of the American Schools of Oriental Research</i> |
| BCH | <i>Bulletin de Correspondance Hellenique</i> |
| BdE | <i>Bibliothèque d'Étude de l'IFAO</i> |
| BiblArch | <i>Biblical Archaeologist</i> |
| BICS | <i>Bulletin of the Institute of Classical Studies of the University of London</i> |
| BIE | <i>Bulletin de l'Institut d'Égypte</i> |
| BiOr | <i>Bibliotheca Orientalia</i> |
| BIFAO | <i>Bulletin de l'Institut Français d'Archéologie Orientale</i> |
| BIN | <i>Babylonian Inscriptions in the Collection of J.B. Nies</i> |
| BMMA | <i>Bulletin of the Metropolitan Museum of Art</i> |
| BMFA | <i>Bulletin Museum of Fine Arts Boston</i> |
| BSA | <i>Annual of the British School at Athens</i> |
| BSAC | <i>Bulletin de la Société d'archéologie copte</i> |
| BSOAS | <i>Bulletin of the School of Oriental and African Studies</i> |
| BT | <i>Babylonian Texts</i> |
| CAH | <i>Cambridge Ancient History</i> |
| CAJ | <i>Cambridge Archaeological Journal</i> |
| CRRAI | <i>Comptes rendus de rencontre assyriologique internationale</i> |

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| <i>DE</i> | <i>Discussions in Egyptology</i> |
| <i>DdA</i> | <i>Dialoghi di Archeologia</i> |
| <i>DFIAO</i> | <i>Documents de Fouilles de l'IFAO</i> |
| <i>EA</i> | <i>Egyptian Archaeology</i> |
| <i>FAOS</i> | <i>Freiburger Altorientalische Studien,</i> |
| <i>FIFAO</i> | <i>Fouilles de l'IFAO</i> |
| <i>GM</i> | <i>Göttinger Miszellen</i> |
| <i>HANE</i> | <i>History of the Ancient Near East Studies,</i> |
| <i>HSAO</i> | <i>Heidelberger Studien zum Alten Orient</i> |
| <i>HUCA</i> | <i>Hebrew Union College Annal</i> |
| <i>IEJ</i> | <i>Israel Exploration Journal</i> |
| <i>IFAO</i> | <i>Institute Français d'Archéologique Oriental du Caire</i> |
| <i>IJNA</i> | <i>Illustrated Journal of Nautical Archaeology</i> |
| <i>JAOS</i> | <i>Journal of the American Oriental Society</i> |
| <i>JARCE</i> | <i>Journal of the American Research Center in Egypt</i> |
| <i>JAS</i> | <i>Journal of Archaeological Science</i> |
| <i>JCS</i> | <i>Journal of Cuneiform Studies</i> |
| <i>JEA</i> | <i>Journal of the Egyptian Archaeology</i> |
| <i>JESHO</i> | <i>Journal of the Economic and Social History of the Orient</i> |
| <i>JNES</i> | <i>Journal of Near Eastern Studies</i> |
| <i>JSS</i> | <i>Journal of Semitic Studies</i> |
| <i>KTU</i> | <i>Die Keilalphabetschen Texte aus Ugarit</i> |
| <i>MANE</i> | <i>Monographs on the Ancient Near East</i> |
| <i>MASCA</i> | <i>Museum Applied Science Centre for Archaeology</i> |
| <i>MDAIK</i> | <i>Mitteilungen des Deutschen Archäologischen Instituts, Abteilung Kairo</i> |
| <i>METRON</i> | <i>K.P. FOSTER & R. LAFFINEUR, METRON. Measuring the Aegean Bronze Age.</i> |
| | <i>Proceedings of the 9th International Aegean Conference, New Haven, Yale University, 18-21 April 2002, Aegaeum 24, Liège 2003</i> |
| <i>MIFAO</i> | <i>Memoirs publiés par les Membres de l'IFAO</i> |
| <i>MOS</i> | <i>MOS Studies (1-3) Nederlands Historisch-Archaeologisch Instituut te Instanbul</i> |
| <i>NABU</i> | <i>Nouvelles Assyriologiques Brèves et Utilitaires</i> |
| <i>NEA</i> | <i>Near Eastern Archaeology</i> |
| <i>OrAnt</i> | <i>Oriens Antiquus</i> |
| <i>OECT</i> | <i>Oxford Editions of Cuneiform Texts</i> |
| <i>OIP</i> | <i>Oriental Institute Publications</i> |
| <i>OJA</i> | <i>Oxford Journal of Archaeology</i> |
| <i>OLA</i> | <i>Orientalia Lovaniensia Analecta</i> |
| <i>Origini.</i> | <i>Preistoria e Protoistoria delle civiltà antiche, Origini.</i> |
| <i>PAPS</i> | <i>Proceedings of the American Philological Society</i> |
| <i>PRU</i> | <i>Le palais royal d'Ugarit</i> |
| <i>RA</i> | <i>Revue d'Assyriologie et d'archéologie orientale</i> |
| <i>RDAC</i> | <i>Report of the Department of Antiquities Cyprus</i> |
| <i>RdE</i> | <i>Revue d'Égyptologie</i> |

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| RHA | <i>Revue hittite et asiatique</i> |
| SAK | <i>Studien zur altägyptischen Kultur</i> |
| ScAnt | <i>Scienze dell'Antiquità</i> |
| SEL | <i>Studi Epigrafici e Linguistici sul Vicino Oriente Antico</i> |
| SIMA | <i>Studies in Mediterranean Archaeology</i> |
| SMS | <i>Monographic Journals of the Near East Syro-Mesopotamian Studies</i> |
| SMEA | <i>Studi Micenei ed Egeo-Anatolici</i> |
| SNR | <i>Schweizerische numismatische Rundschau. Revue suisse de numismatique</i> |
| TUAS | <i>Temple University Aegean Symposium</i> |
| TWA | <i>Thera and the Aegean World</i> |
| UET | <i>Ur Excavations Texts</i> |
| UF | <i>Ugarit Forschungen</i> |
| VO | <i>Vicino Oriente</i> |
| WO | <i>Die Welt des Orients</i> |
| WorldArch | <i>World Archaeology</i> |
| YOS | <i>Yale Oriental Studies</i> |
| YNER | <i>Yale Near Eastern Researches</i> |
| ZA | <i>Zeitschrift für Assyriologie</i> |
| ZÄS | <i>Zeitschrift für ägyptische Sprache und Altertum</i> |

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THEMATIC CATALOGUE: GREEK KEY-WORDS

Στις στίλες που ακολουθούν, οι λέξεις-κλειδιά γράφονται πάντα με πλάγιους χαρακτήρες και με κεφαλαίο το αρχικό γράμμα. Ως προς την επιλογή τους, ορισμένα πολύ γενικά θέματα (π.χ. Αγαθά, Οικονομία, Κοινωνία, Εργασία, Γραφή) αποφεύγονται, όταν το κυρίαρχο θέμα, στη συγκεκριμένη μελέτη, εμπεριέχεται σε αυτά. Επικρατεί πάντα ο ειδικότερος όρος, π.χ. Μέταλλα και όχι Αγαθά, Επαγγέλματα και όχι Εργασία, Υραντουργία και όχι Εργασία, Κείμενα και όχι Γραφή, Ιεραρχία και όχι Κοινωνία, Τάξεις και όχι Ιεραρχία κ.λπ. Ωστόσο, τα γενικά θέματα (π.χ. Θεωρία, Οικονομία, Γραφή) χρησιμοποιούνται είτε όταν περιέχονται αυτούσια στον τίτλο, είτε όταν είναι κυρίαρχα, ή ακόμη αν αποτελούν σύνοψη πολλών ειδικότερων μη ιδιαίτερα διακριτών θεμάτων. Ειδικότερα:

1. **βλ. και:** Για πληρέστερη αναζήτηση γίνεται παραπομπή σε άλλες λέξεις-κλειδιά που αφορούν σε μελέτες με ευρύτερο ή απολύτως συνδεόμενο θέμα.
2. **πρβλ.:** Για περαιτέρω αναζήτηση σε μελέτες που αναφέρονται σε παρεμφερή ή γενικότερα θέματα και ενδεχομένως περιέχουν σχετικές πληροφορίες.
3. (+): Η σύνθετη αναζήτηση ορισμένων εννοιών που δεν έχουν οριστεί ως λέξεις-κλειδιά δηλώνεται με την προσθήκη, σε παρένθεση, δεύτερης, συμπληρωματικής λέξης από τις λέξεις-κλειδιά, π.χ. Εμπορεύματα = Αγαθά (+ Εμπόριο).
4. Σύγχρονοι γεωγραφικοί όροι, όπως Ισραήλ, Ιορδανία, Ιράκ, Ιράν, Τουρκία, Λιβανος κλπ. αναζητούνται στα ελληνικά.

Αρχαία τοπωνύμια και ανθρωπωνύμια αναζητούνται κατά προτίμο ποστα αγγλικά στο τέλος του ελληνικού καταλόγου, με εξαίρεση ορισμένα, πολύ γνωστά στην ελληνική βιβλιογραφία, όπως Αμάρνα, Ακενατών κλπ. Τα ειδικά σύμβολα της μεταγραφής λέξεων ή ονομάτων των ανατολικών γλωσσών, ειδικά στη βάση παραλείπονται για ευχερέστερη χρήση, π.χ. Assur και όχι Aššur.

Αγαθά: (ΓΕΝΙΚΟΣ ΟΡΟΣ) commodity-ies, beni, goods, biens, items, Gütern, εμπορεύματα (+Εμπόριο), προϊόντα (+Παραγωγή)

25, 28, 153, 210, 360, 538, 539, 601, 628, 744, 859, 1139, 1228, 1270, 1341, 1454, 1487

βλ. και Παραγωγή, Βιοτεχνία, Μεταφορές, Ανταλλαγές, Εμπόριο

Αγγελιοφόροι: messenger-s, agent-s

400

πρβλ. Προσωπικό, Διπλωματία, Επιστολές, Εμποροι

Αγία Τριάδα: Hagia Triada

884, 885

βλ. και Κρήτη, Αιγαίο

Αγκυρες: anchor-s

953

βλ. και Πλοία, Ναυάγια

Αγορά: market, market - economy, market-place, marketing, Markt, Marché, Marketless

362, 371, 398, 435, 541, 570, 622, 868, 942, 1067, 1068, 1137, 1230, 1231, 1250, 1397, 1398, 1476

βλ. και Οικονομία, Θεωρία, Αγοραπωλησία, Εμποροι, Ανταλλαγές
πρβλ. Κέρδος, Χρήματα, Πληρωμές

Αγοραπωλησία: αγορές, πωλήσεις, purchase, selling, sale, vente

122, 429, 744, 765, 826, 851, 868, 975, 1267

βλ. και Αγορά, Αξία, Χρήματα, Πληρωμές
πρβλ. Ανταλλαγές, Έμποροι, Έμπόριο

Αγροτεμάχια: fields, orchards, arable land
784

βλ. και Αγρότες, Γεωργία, *Ilku*
πρβλ. Σιτηρά, Οπωροκηπευτικά, Ακίνητα
Ιδιοκτησία

Αγρότες: farmer-s, peasant-s, αγροτικές εργασίες
203, 217, 341, 1003, 1324
βλ. και Γεωργία
πρβλ. Αγροτεμάχια, Επαγγέλματα

Αιγαίο: Aegean-s, Ägäis, Egeo, Egei, Egée
5, 6, 8, 11, 15, 20, 26, 45, 59, 79, 83, 84, 90,
93, 94, 95, 96, 97, 98, 104, 105, 113, 129,
133, 138, 143, 144, 153, 166, 171, 172, 173,
190, 192, 193, 202, 203, 219, 220, 221, 222,
223, 224, 225, 227, 246, 249, 268, 271, 289,
307, 319, 320, 321, 322, 323, 329, 331, 354,
363, 364, 365, 366, 367, 372, 381, 396, 409,
458, 459, 462, 463, 475, 500, 501, 506, 507,
512, 515, 531, 545, 547, 548, 549, 561, 565,
566, 569, 571, 590, 617, 632, 635, 644, 646,
647, 664, 672, 674, 680, 698, 703, 704, 705,
706, 707, 708, 709, 718, 719, 742, 781, 797,
814, 828, 842, 849, 855, 856, 857, 858, 859,
860, 862, 863, 884, 885, 900, 902, 916, 919,
920, 927, 930, 937, 975, 976, 977, 978, 979,
996, 997, 999, 1000, 1001, 1002, 1004,
1005, 1006, 1012, 1016, 1017, 1018, 1019,
1021, 1023, 1038, 1039, 1040, 1041, 1048,
1052, 1053, 1062, 1063, 1073, 1109, 1158,
1160, 1174, 1201, 1221, 1224, 1225, 1226,
1227, 1247, 1288, 1292, 1293, 1296, 1297,
1298, 1299, 1300, 1301, 1358, 1361, 1362,
1376, 1382, 1383, 1385, 1399, 1400, 1401,
1404, 1405, 1407, 1408, 1416, 1417, 1418,
1423, 1433, 1494, 1498, 1499, 1503, 1504,
1505, 1507, 1508, 1509, 1510, 1511, 1512,
1514, 1515, 1516, 1517, 1518

Αίγινα: Aegina

363

βλ. και Αιγαίο

Αιγοπρόβατα: sheep, goat-s
463, 512, 644, 1016, 1052, 1177, 1285, 1479
βλ. και Ζώα, Μαλλί, Γιδότριχες, Κτηνοτροφία, Γαλακτοκομία, Ύλες

Αιγύπτιος: Egypt, Egyptian-s, Ägypten, Égypte
9, 12, 19, 24, 55, 56, 57, 64, 65, 67, 68, 69,
71, 72, 78, 88, 90, 102, 106, 110, 111, 119,
121, 124, 139, 142, 145, 148, 149, 150, 160,
161, 162, 163, 164, 188, 189, 194, 195, 196,
197, 198, 200, 201, 215, 219, 220, 221, 223,
228, 230, 232, 233, 234, 235, 236, 249, 261,
262, 263, 265, 266, 267, 268, 272, 273, 274,
275, 276, 277, 278, 279, 280, 281, 282, 283,
287, 291, 292, 309, 324, 326, 327, 328, 332,
342, 343, 344, 355, 359, 362, 368, 369, 370,
371, 379, 380, 381, 398, 403, 414, 415, 420,
422, 428, 444, 446, 449, 454, 461, 479, 480,
482, 484, 492, 504, 505, 514, 516, 517, 518,
519, 522, 526, 527, 530, 531, 532, 533, 534,
541, 547, 551, 558, 570, 572, 578, 589, 595,
596, 597, 598, 600, 601, 602, 603, 605, 608,
609, 610, 611, 613, 618, 637, 639, 650, 651,
665, 675, 689, 691, 699, 702, 705, 729, 730,
744, 746, 747, 748, 751, 770, 776, 786, 789,
794, 795, 796, 817, 822, 823, 828, 834, 835,
836, 838, 843, 846, 851, 852, 853, 854, 855,
889, 890, 894, 896, 897, 898, 899, 908, 909,
910, 921, 923, 924, 925, 943, 944, 945, 946,
947, 948, 950, 953, 954, 955, 1031, 1032,
1033, 1034, 1035, 1043, 1044, 1049, 1062,
1063, 1064, 1070, 1075, 1076, 1077, 1112,
1113, 1122, 1148, 1149, 1151, 1155, 1156,
1162, 1163, 1167, 1180, 1181, 1182, 1197,
1199, 1203, 1210, 1211, 1212, 1217, 1218,
1219, 1220, 1221, 1222, 1223, 1236, 1237,
1241, 1242, 1245, 1247, 1276, 1282, 1283,
1293, 1295, 1307, 1308, 1325, 1333, 1358,
1359, 1360, 1361, 1364, 1373, 1374, 1381,
1385, 1394, 1395, 1396, 1397, 1398, 1399,
1401, 1415, 1421, 1424, 1425, 1426, 1431,
1495, 1502, 1503, 1509

Αιματίτης: haematite

βλ. και Λιθος
πρβλ. Σταθμά

- Ακενατών:** Akhenaten
414, 1033
βλ. και Αίγυπτος, Φαραώ, Αμάρνα
- Ακίνητη Ιδιοκτησία:** land tenure, real estate, land, house-lots, propriété immobilière, γαιοκτήμονες
408, 443, 832, 873, 942, 1078, 1079, 1463
πρβλ. Γεωργία, Αγροτεμάχια, Μισθώσεις, Επιφράνεια, Αγοραπωλούσια, Σπίτια, Διπλωματία
- Ακκαδιότη:** Akkadian-s, Accadiens, Akkad, ακκαδική (γλώσσα), akkadiisches-n
352, 470, 499, 753, 963, 964, 966, 1072, 1126, 1165, 1185, 1380
βλ. και Μεσοποταμία
πρβλ. Σουμέριοι, Σφρνοειδής, Βαβυλώνιοι, Επιστολές
- Ακρωτήρι:** Akrotiri
138, 635, 856, 858, 1296
βλ. και Αιγαίο, Κυκλαδες, Θήρα
- Αλασία:** Alashiya-n
663
βλ. και Κύπρος
- Αλάτι:** salt
593, 929, 1500
βλ. και Διατροφή
- Αλικαρνασσός:** Halicarnassus, Bodrum
80
βλ. και Μικρά Ασία
- Αλφαράβιτο:** alphabet, alphabetic, alfabeto
304, 1160, 1304, 1331
βλ. και Γραφτή
- Αμαξα:** wagon, ἄρμα, ρόδες
βλ. και Μεταφορές, Όπλα
πρβλ. Γάιδαροι, Ιπποειδή, Φορτίο, Δρόμοι
- Αμάρνα:** Amarna
139, 228, 449, 514, 578, 639, 776, 786, 896,
- 954, 1237
βλ. και Αίγυπτος, Ακενατών
- Αμυμών:** Amun
691
βλ. και Αίγυπτος, Θροκεία
- Αμορίτες:** Amurru, Amorites
338
βλ. και Εγγύς Ανατολή, Μεσοποταμία
- Αμπελουργία:** ampélie, viticulture, vineyard-s, vine, vigne, σταφύλια, grapes
95, 98, 224, 388, 389, 507, 550, 718, 838, 839, 886, 974, 979, 1006, 1100, 1393, 1505, 1507, 1512, 1514, 1517
βλ. και Γεωργία, Φυτά
πρβλ. Οίνος, Αγροτεμάχια
- Αμφορείς:** amphora-e
139, 474, 514, 930, 1117, 1413
βλ. και Ψευδόστομοι, Κεραμική, Σκεύη
πρβλ. Πίθοι
- Ανάγλυφα:** relief-s
822, 1075, 1447
βλ. και Γλυπτική
πρβλ. Στήλες, Τοιχογραφίες
- Αναδιανομή:** redistribution-tive
1137, 1141
βλ. και Διανομή, Οικονομία, Θεωρία
πρβλ. Μερίδες, Επιβίωση, Σιτηρά, Κρέας, Σύκα, Μαλλί
- Ανάκτορα:** palazzo, palace-s, palatial-e, royal-e, palais, Palast
7, 26, 28, 41, 43, 89, 114, 133, 135, 136, 141, 173, 208, 271, 314, 333, 339, 365, 396, 409, 433, 501, 512, 532, 540, 617, 619, 651, 680, 729, 755, 818, 820, 840, 932, 963, 965, 1043, 1134, 1141, 1143, 1160, 1171, 1226, 1233, 1257, 1327, 1383, 1416, 1430, 1493
βλ. και Εξουσία, Βασιλιάς

Ανταλλαγές: exchange-s, scambio, transfer, Austausch, transference, échange-s, transactions, συναλλαγές, μεταβίβαση, barter
78, 111, 122, 211, 212, 249, 264, 362, 502, 635, 664, 666, 674, 778, 894, 1026, 1028, 1135, 1139, 1173, 1175, 1193, 1213, 1251, 1254, 1404, 1452, 1463, 1464, 1466, 1470, 1478, 1485, 1486, 1487

βλ. και Εμπόριο, Εμποροι
πρβλ. Αγοραπωλοσία, Δώρα, Εισαγωγές,
Εξαγωγές

Αντικείμενα: artifact-s, object-s, Kleinfunde, ευρήματα
123, 222, 468, 556, 985, 1046, 1062, 1086, 1323, 1435

Αξία: ανταλλακτική αξία, value, valore, κόστος (+Εργασία), κόστος (+Μεταφορές)
15, 23, 36, 198, 238, 312, 362, 374, 375, 494, 533, 539, 596, 601, 604, 605, 622, 657, 693, 731, 744, 862, 943, 1098, 1231, 1249, 1270, 1335, 1338, 1341, 1350, 1382, 1471, 1509
βλ. και Τιμές, Αγοραπωλοσία, Δώρα, Μιθώσεις
πρβλ. Ανταλλαγές, Πληρωμές

Αξιώματα: αξιωματούχοι, office-s, titre-s, dignitā, official-s, funzionari, supérieur-s, Gottesgemahlin, αντιβασιλιάς, viceroy, Vezir-s
136, 206, 273, 281, 343, 427, 528, 617, 622, 691, 1030, 1197, 1324, 1351, 1389
βλ. και Επαγγέλματα, Διερμηνέας, Γραφείς, Επόπεις, Ιατρική, Satamtu
πρβλ. Προσωπικό, Διοίκηση, Διπλωματία, Ιεραρχία, Τάξεις, Διανομή, Αναδιανομή, Πληρωμές

Αποθήκευση: storage, magazzini, magazines, deposited, αποθήκες, απόθεμα
50, 112, 133, 810
πρβλ. Θοσαυρός, Σύνολα

Αποικίες: colony-ies, colonization, pre-colonial
61, 220, 295, 502, 986
πρβλ. Εμπόρια, Karum

Αργυρος: silber, silver, argent, silversmith-s (+Τεχνίτες), argento

31, 352, 402, 621, 622, 678, 694, 714, 859, 864, 922, 969, 1157, 1163, 1269, 1301, 1340, 1356, 1459, 1481, 1496, 1497

βλ. και Μέταλλα, Πολύτιμα, Kaspu
πρβλ. Αξία, Τιμές, Χρήματα, Πληρωμές

Αριθμητικά: αριθμοί, αριθμον, arithmetic, Arithmetik, numeration-numerical-numerals-number-numeration-numéraux, chiffres, counting, additive, division

94, 99, 113, 159, 194, 336, 412, 455, 482, 493, 583, 584, 720, 750, 859, 870, 1038, 1051, 1088, 1147, 1206, 1239, 1284, 1384, 1402, 1509

βλ. και Μαθηματικά

Αριστοτέλης: Aristotle

46

βλ. και Έλληνες, Κλασικός

Αρσενικό: arsenic, arsenical, Arsenbronzen
169, 1392

βλ. και Μέταλλα

Αρχαϊκός: archaic, archaico, archaismo, archaïque
360, 847, 929, 1013, 1160, 1507

Αρχαιομετρικές Τερευνες: petrology, petrology-ical, spectroscopy analysis
63, 266, 1082, 1413

Αρχεία: archive-s, Archiven

32, 43, 75, 76, 89, 114, 127, 135, 141, 205, 206, 208, 284, 314, 315, 317, 383, 396, 471, 510, 614, 620, 688, 700, 710, 757, 766, 767, 769, 787, 789, 818, 901, 960, 963, 964, 966, 991, 1056, 1080, 1136, 1207, 1260, 1300, 1302, 1312, 1327, 1332, 1347, 1348, 1368, 1517

βλ. και Κείμενα, Επιστολές, Συμβόλαια, Βιβλιοθήκες

πρβλ. Διοίκηση, Γραφειοκρατία, Ιδιώτες

Αρχιτεκτονική: architecture, architect-s, building-s, κτήριο-a

175, 359, 487, 595, 1125, 1159, 1192

βλ. και Σπίτα, Ανάκτορα, Οχυρώσεις, Δημόσια Έργα, Πλίνθοι

πρβλ. Οικισμόι

Αρώματα: perfumes, parfums, ointment, incense

625, 859, 1188

βλ. και Φυτά, Πολύτιμα

πρβλ. Λάδι, Κρόκος, Φάρμακα, Μπαχαρικά, Βιοτεχνία, Εισαγωγές

Ασία: Asia, Asiatic, asiatische, asiatique

29, 36, 38, 60, 80, 81, 85, 87, 108, 116, 123, 155, 158, 167, 184, 198, 200, 221, 222, 226, 238, 250, 265, 269, 295, 301, 313, 341, 358, 369, 370, 375, 402, 430, 431, 434, 436, 449, 453, 466, 472, 485, 492, 494, 521, 524, 525, 530, 533, 544, 551, 573, 574, 576, 591, 597, 601, 605, 607, 617, 622, 640, 645, 655, 656, 657, 658, 663, 665, 702, 708, 715, 721, 746, 747, 759, 764, 789, 804, 830, 831, 833, 834, 842, 850, 854, 866, 867, 877, 880, 882, 894, 917, 925, 938, 941, 956, 961, 962, 986, 987, 988, 992, 993, 994, 995, 1012, 1014, 1030, 1037, 1047, 1074, 1077, 1095, 1105, 1106, 1107, 1108, 1123, 1143, 1166, 1180, 1183, 1246, 1247, 1251, 1266, 1278, 1299, 1302, 1306, 1308, 1346, 1351, 1375, 1408, 1422, 1435, 1436, 1437, 1462, 1471

Ασσύριοι: Ασσυρία, Assyria, Assyrie, Assyrian, Assyrians, assyriologique, Assyrologie, Neo-assyrian, paléo-assyriens, Old Assyrian

18, 89, 210, 288, 295, 296, 298, 347, 348, 349, 355, 430, 434, 436, 523, 692, 722, 723, 724, 868, 870, 871, 873, 875, 876, 877, 878, 879, 883, 986, 1018, 1078, 1079, 1080, 1083, 1096, 1104, 1118, 1119, 1305, 1320, 1321, 1338, 1342, 1343, 1344, 1345, 1348, 1350, 1353, 1354, 1355, 1356, 1357, 1391, 1490

βλ. και Καππαδοκία, Kanesh, Assur, Μεσοποταμία

Αστικοποίηση: urban, urbanism

1137, 1291, 1303

πρβλ. Κέντρο, Περιφέρεια, Πόλεις, Χωριά

Αστρονομία: astronomy, αστρολογία

1, 1287

Βαβυλώνιοι: Βαβυλώνα, Babylonia, Babylone, Babylone, Babylonian, Neo-Babylonian, Babylonica, Babylonien, Old Babylonian

1, 16, 126, 127, 155, 157, 205, 206, 254, 255, 256, 259, 285, 293, 325, 337, 340, 375, 387, 393, 418, 427, 445, 488, 489, 621, 623, 627, 628, 630, 656, 679, 701, 735, 736, 737, 738, 740, 762, 837, 870, 891, 965, 970, 980, 1059, 1067, 1083, 1102, 1124, 1127, 1134, 1136, 1139, 1143, 1159, 1268, 1272, 1314, 1315, 1331, 1338, 1341, 1352, 1353, 1429, 1464, 1493

βλ. και Μεσοποταμία

Βάρος: μέτρον βάρους, poid, ponderale, weight, μάζα

5, 6, 7, 8, 13, 27, 31, 35, 51, 52, 53, 54, 77, 92, 103, 115, 140, 189, 231, 232, 233, 234, 235, 236, 237, 238, 264, 286, 326, 327, 328, 354, 356, 364, 395, 439, 463, 494, 549, 553, 557, 558, 562, 568, 577, 584, 622, 629, 643, 649, 659, 660, 661, 662, 697, 717, 728, 742, 764, 775, 856, 857, 859, 862, 863, 885, 928, 976, 987, 1009, 1010, 1011, 1012, 1015, 1016, 1017, 1019, 1020, 1021, 1022, 1024, 1045, 1047, 1048, 1049, 1050, 1053, 1054, 1071, 1090, 1093, 1097, 1106, 1108, 1110, 1120, 1130, 1146, 1150, 1152, 1164, 1244, 1307, 1339, 1342, 1360, 1376, 1406, 1426, 1455, 1457, 1458, 1468, 1490, 1499, 1509, 1513

βλ. και Σταθμά, Μετρολογία, Μέτρηση

Βασιλιάς: rois, re, king, kingly, König, μοναρχία, monarchy

53, 154, 316, 387, 407, 408, 410, 525, 529,

535, 621, 677, 756, 765, 804, 810, 838, 909, 910, 1001, 1067, 1078, 1079, 1190, 1257, 1311, 1340, 1342, 1369, 1370, 1411, 1430, 1475

βλ. και Εξουσία, Κράτος, Ανάκτορα
πρβλ. Ιεραρχία, Επιστολές

Βαρφές: colour, dyeing, dye industry (+ *Τεχνίτες*), dyes, dye plants

267, 743, 840, 859, 927, 1188, 1329

βλ. και Κναφείς

πρβλ. Υφαντουργία, Δέρμα, Πορφύρα, Φοινίκιο, Κρόκος, Πολύτιμα

Βιβλίο των Νεκρών: Book of the Dead, Totenbuch

1182

βλ. και Αίγυπτος, Κείμενα, Ρίσεις
πρβλ. Ιδεολογία, Μυθολογία, Θάνατος

Βιβλιογραφία: bibliography

1075, 1397, 1495

Βιβλιοθήκες: library-ies, bibliothèque-s

132, 177, 966, 1348

βλ. και Αρχεία

πρβλ. Εκπαίδευση, Γνώση, Γραφείς, Φιλολογία

Βιβλος: bible, biblical

337, 510, 662, 774, 809, 886, 1115

βλ. και Εβραίοι

Βιοτεχνία: κατασκευές, χειροτεχνία, οικοτεχνία

(+ *Οίκος*), craft-s, craftsmanship, industry - industrial, manufacture, Handwerk-handwerklichen, factory, arisanat

11, 120, 357, 366, 367, 535, 552, 644, 704, 708, 787, 789, 794, 796, 840, 859, 892, 893, 939, 954, 1037, 1142, 1224, 1268, 1291, 1312, 1444, 1504

πρβλ. Τεχνίτες, Παραγωγή, Ειδίκευση, Λάδι, Δέρμα, Γυαλί

Βοοειδή: cattle, cow-s, bull-s, ox-en

502

βλ. και Ζώα, Κτηνοτροφία
πρβλ. Δέρμα, Ύλες, Γαλακτοκομία

Βρετανικό: British, England, English, British Isles, Βρετανικό Μουσείο

231, 266, 799, 1034, 1113, 1246, 1294

Γάιδαρος: ἄνε-s, ass-es, donkey-s, όνος-οι
610, 852, 943, 969

βλ. και Ζώα, Φορτία, Μεταφορές, Καραβάνια

πρβλ. Καππαδοκία, Ασσύριοι, Άμαξα

Γαλακτοκομία: dairy products, cheese, milk
360

βλ. και Ζώα, Κτηνοτροφία
πρβλ. Αιγοπρόβατα, Βοοειδή, Διατροφή

Γάμος: marriage, mariage

685, 875, 1352

βλ. και Προίκα

πρβλ. Συμβόλαια, Δώρα

Γεωμετρικός: geometric, protogeometric, γεωμετρικά, πρωτογεωμετρικά
80

Γεωργία: καλλιέργεια, agricultural, agriculture
40, 203, 217, 341, 385, 511, 593, 615, 784, 898, 1158, 1324, 1453

βλ. και Αγρότες, Αγροτεμάχια, Αμπελουργία
πρβλ. Ακίνητη Ιδιοκτησία, Σιτηρά, Οσπρια

Γιδότριχες: goat hair

1177

βλ. και Αιγοπρόβατα, Σχοινιά
πρβλ. Μαλλί, Κτηνοτροφία, Υφαντουργία

Γλυπτικά: Denkmäler, sculpture, sculptor, sculpteur

121, 291, 822, 907, 1075, 1447

βλ. και Καλλιτεχνία

Γλώσσα: language, word-s, διάλεκτοι, dialect-s

101, 199, 260, 307, 471, 478, 524, 806, 1161, 1234

βλ. και Γλωσσάρια, Λεξικά, Γλωσσολογία πρβλ. *Γραφή*, *Επιστολές*, *Διερμηνέας*, *Εκπαίδευση*, *Γνώση*, *Διπλωματία*, *Γραφείς*

Γλωσσάρια: lexical, glossary, vocabulary, vocabulaire

202, 1186, 1331

βλ. και *Κείμενα*, *Λεξικά*, *Ορολογία*, *Γλώσσα*

Γλωσσολογία: linguistic, Linguistik

376, 1209

βλ. και *Γλώσσα*
πρβλ. *Ορολογία*

Γνώση: knowledge, literacy, lire, cognitive
64, 65, 66, 68, 86, 727, 748, 751, 858, 1234

βλ. και *Εκπαίδευση*, *Γραφή*, *Γραφείς*
πρβλ. *Βιβλιοθήκες*, *Γλώσσα*

Γόρτυνα: Gortyne

153, 307

βλ. και *Κρήτη*, Έλληνες

Γραμματική: grammar

428, 1330

βλ. και *Γλώσσα*, *Γλωσσολογία*, *Λεξικά*

Γραμμικά A: Linear A, Linéaire A, Lineare A
94, 95, 113, 133, 138, 289, 329, 331, 372,
506, 590, 647, 858, 859, 884, 885, 976,
977, 978, 979, 996, 997, 1006, 1039, 1073,
1179, 1509, 1512, 1517

βλ. και *Γραφή*, *Κείμενα*, *Πινακίδες*, *Ιδεογράμματα*, *Συλλαβογράμματα*, *Μετρογράμματα*

Γραμμικά B: Linear B, Linéaire B, Lineare B

26, 96, 97, 202, 271, 289, 458, 462, 463, 512,
561, 565, 569, 590, 645, 647, 849, 927, 961,
962, 975, 977, 978, 979, 997, 1000, 1001,
1002, 1004, 1005, 1006, 1038, 1040, 1041,
1160, 1174, 1179, 1188, 1227, 1509, 1512

βλ. και *Γραφή*, *Κείμενα*, *Πινακίδες*, *Ιδεογράμματα*, *Συλλαβογράμματα*, *Μετρογράμματα*

Γραφειοκρατία: bureaucracy, bureaucratic, burocratía

174, 448, 587, 865, 982, 1083

βλ. και *Διοίκηση*, *Γραφείς*, *Αξιωματούχοι*, *Σφραγίδες*
πρβλ. *Διανομά*, *Αναδιανομή*, *Ανάκτορα*, *Αρχεία*, *Γραφή*, *Λίστες*

Γραφείς: scribes, scribal

48, 478, 684, 931, 932, 933, 1306, 1316,
1331, 1371, 1425

βλ. και *Επαγγέλματα*, *Αξιώματα*, *Παλαιογραφία*
πρβλ. *Γραφή*, *Εκπαίδευση*, *Γραφειοκρατία*,
Κείμενα, *Ταυτότητα*, *Γραπτική Ύλη*

Γραφή (ΓΕΝΙΚΟΣ ΟΡΟΣ): writing, Schrift, écriture, script-s, scritura, write, écrire-écrit, inscription, iscrizioni, inschriftlichen, epigraphical evidence, épigraphique

59, 86, 137, 160, 199, 248, 253, 278, 383,
392, 460, 461, 463, 478, 510, 513, 524,
650, 651, 861, 958, 959, 960, 978, 979,
996, 997, 1032, 1058, 1122, 1150, 1174,
1205, 1206, 1208, 1209, 1214, 1234, 1257,
1278, 1280, 1307, 1309, 1316, 1371

βλ. και *Γραμμική A*, *Γραμμική B*, *Σφραγίδες*, *Ιερογλυφικά*, *Αλφάριτο*
πρβλ. *Γραφείς*, *Γλώσσα*, *Σημεία*, *Επικέτες*,
Σύμβολα, *Μάρκες*, *Κείμενα*

Γραφική Ύλη: writing boards, γραφίδα-ες, μελάνη

1278

βλ. και *Γραφείς*, *Πάπυροι*, *Δέρμα*, *Οστρακα*
πρβλ. *Γραφή*, *Κείμενα*

Γυαλί: glass, ualouourgía, glassmaking, glass working, glass technology, υαλουργός (+ *Τεχνίτες*)

13, 648, 827, 892, 984, 985, 1237

βλ. και *Τεχνίτες*, *Τεχνολογία*
πρβλ. *Βιοτεχνία*, *Φαγιεντιανή*, *Πολύτιμα*, *Τάλαντα*

Γυναίκες: woman-en, femme, craftswomen
(+ *Τεχνίτες*)

- 91, 371, 485, 708, 746, 793, 875, 878, 961, 962, 1155, 1299, 1313
 βλ. και Τεχνίτες, *Επαγγέλματα, Προσωπικό πρβλ. Υφαντουργία, Ειδίκευση, Εξουσία, Οικογένεια, Δουλεία*
- Δακτύλιοι:** δακτυλίδι-a, ring-s, κρίκοι 864
 βλ. και *Κοσμήματα, Currency, Προ-νόμισμα, Προ-χρήμα*
 πρβλ. *Τάλαντα, Αξία, Βάρος, Άργυρος, Χρυσός, Μονάδα*
- Δαμασκός:** Damascus 886
 βλ. και *Συρία, Εγγύς Ανατολή*
- Δαρείος:** Darius, Dareios 677, 1340
 βλ. και *Πέρσες, Βασιλιάς, Εξουσία*
 πρβλ. *Φορολογία*
- Δέματα:** δέμα, δεμάτι, σάκκος, ασκός, πακέτο, ποκάρι, bundle-s, bag-s 374
 βλ. και *Μεταφορές, Φορτία*
 πρβλ. *Δέρμα, Σχοινιά, Ύφασματα, Ξύλα, Καλάθια, Γάιδαροι, Άμαξα, Κουτιά*
- Δένδρα:** tree-s, forester-s (+*Εργασία*) 40, 50, 171, 554, 951, 952, 1240, 1266, 1403
 βλ. και *Φυτά, Εργασία, Ξύλα, Ελιές, Κέδρος, Φοινικοειδή*
- Δέρμα:** hide, skin 859, 950, 1290
 βλ. και *Ζώα, Αιγοπρόβατα, Βοοειδή, Γάιδαροι, Βιοτεχνία, Τεχνίτες*
 πρβλ. *Σχοινιά, Υποδήματα, Υλες, Συντηρία, Έπιπλα, Όπλα*
- Δέλος:** Delos, Délos 79
 βλ. και *Ελληνες, Κυκλαδες, Αιγαίο*
- Δημόσια Έργα:** public works, ἀρδευση, αρδευτικά έργα, οδοποιία
 βλ. και *Οχυρώσεις, Νερό*
- Διάδοση:** diffusion, diffusione, transmission 120, 206, 632, 1370, 1401, 1497
 πρβλ. *Επιδράσεις, Σχέσεις, Κυκλοφορία, Μετακίνηση, Μεταφορές*
- Διαθήκες:** will-s, heir, κληρονομιά 91, 197, 872
 βλ. και *Κείμενα, Συμβόλαια*
- Διανομή:** delivery, distribution, distribuzione, divisione 284, 550, 816, 1137, 1141, 1237, 1473, 1475
 βλ. και *Αναδιανομή, Μεριδες*
 πρβλ. *Πληρωμές, Επιβίωση, Κατανάλωση*
- Διατροφή:** food 261, 377, 564, 589, 745, 953, 1003, 1473
 βλ. και *Ψωμί, Σιτηρά, Κρέας, Ελιές, Σύκα, Αλάτι, Γαλακτοκομία, Αμπελούργια, Μερίδες, Επιβίωση, Ζάχαρη, Μπαχαρικά, Μέλι, Οίνος, Ψάρια, Όσπρια, Λάδι*
- Διαχρονικό** 203, 246, 357, 381, 554, 598, 633, 1177, 1192, 1512, 1519
- Διερμηνέας:** interprète, interpreter 129
 βλ. και *Αξιώματα, Γραφείς, Γλώσσα*
 πρβλ. *Γνώση, Εκπαίδευση, Διπλωματία*
- Δικαίο:** jurisdiction, juridique-s, δικαστικός, δικαστήρια, δικαιούντι 141, 591, 699, 834
 βλ. και *Νομοθεσία, Ποινές, Κλοπές*
 πρβλ. *Διοίκηση, Ιδεολογία, Εξουσία*
- Διοίκηση:** administration- tive, -tiva, -tif 42, 75, 76, 114, 131, 135, 136, 174, 271, 315, 317, 333, 381, 394, 408, 448, 499, 506, 516, 542, 587, 591, 592, 609, 620,

700, 710, 758, 843, 865, 941, 960, 982, 998, 999, 1041, 1080, 1171, 1258, 1260, 1263, 1265, 1368, 1408, 1419, 1478

βλ. και Αξιώματα, Εξουσία, Γραφειοκρατία, Ανάκτορα, Ιερατείο, Αρχεία, Σφραγίδες, Φορολογία

Διπλωματία: diplomacy, diplomat-s, diplomatic, diplomatique

87, 209, 228, 896

βλ. και Αγγελοφόροι, Αξιώματα, Διερμηνέας πρβλ. Επιστολές, Δώρα, Ανταλλαγές, Συμβόλαια, Σχέσεις

Δίχτυα: net-s, netting

πρβλ. Ψάρια, Λινάρι, Υφαντουργία, Δέρματα

Δουλεία: δούλος, slavery, slave-labour, slave-s, serfdom, serf-s, servant-s

9, 71, 301, 313, 429, 441, 442, 453, 611, 654, 656, 897, 929, 975, 1210, 1346

βλ. και Προσωπικό, Εργασία (corvée), Τάξεις, Ιδιοκτοσία

πρβλ. Ιεραρχία, Επιβίωση, Μερίδες, Γυναίκες, Παιδιά, Πληρωμές, Οίκος, Αγοραπλοτία

Δρόμοι: road-s, route-s

89, 316, 475, 772, 1233

βλ. και Μετακινήσεις, Μεταφορές, Δημόσια Έργα

πρβλ. Ποτάμια, Πλοία, Λιμάνια, Καραβάνια, Άμαξα

Δώρα: gift-s, present-s, dono-i, présent-s

34, 211, 603, 778, 1452, 1464, 1478, 1497

βλ. και Προίκα, Ανταλλαγές πρβλ. Διπλωματία, Συμβόλαια, Αξία, Επιστολές

Εβραίοι: Hebrew, Ebrei, Judaea-n, Judah, Israel, Ιορδαίλ (αρχαίο), Ιουδαίοι

10, 22, 337, 472, 510, 549, 554, 659, 662, 772, 774, 809, 810, 914, 1110, 1115, 1164, 1393

βλ. και Ιοραίλ, Βίβλος πρβλ. Παλαιοστίνη

Εγγύς Ανατολή: Near East-ern, Proche Orient, Vicino Oriente, Middle East

4, 9, 20, 22, 27, 28, 30, 31, 32, 33, 35, 36, 37, 39, 40, 41, 42, 43, 47, 48, 52, 53, 54, 58, 59, 62, 63, 74, 77, 79, 91, 92, 107, 110, 112, 115, 131, 132, 134, 139, 152, 175, 176, 177, 192, 193, 204, 210, 211, 221, 238, 248, 253, 260, 264, 268, 270, 280, 286, 290, 294, 300, 303, 304, 319, 338, 351, 357, 358, 421, 432, 443, 448, 468, 469, 471, 474, 477, 508, 509, 513, 523, 537, 538, 539, 540, 542, 543, 544, 545, 548, 549, 550, 552, 554, 571, 579, 619, 661, 663, 668, 672, 702, 711, 716, 726, 745, 749, 770, 771, 773, 775, 779, 780, 783, 792, 806, 807, 811, 812, 813, 820, 825, 827, 840, 844, 860, 862, 883, 886, 888, 895, 903, 905, 906, 911, 914, 926, 930, 947, 951, 952, 960, 963, 964, 965, 966, 988, 993, 994, 1003, 1011, 1014, 1015, 1041, 1055, 1056, 1063, 1066, 1071, 1083, 1086, 1095, 1104, 1115, 1116, 1121, 1145, 1153, 1167, 1186, 1187, 1191, 1194, 1195, 1196, 1210, 1236, 1247, 1252, 1258, 1263, 1269, 1270, 1277, 1278, 1280, 1281, 1285, 1293, 1300, 1327, 1328, 1329, 1330, 1331, 1332, 1335, 1336, 1337, 1339, 1365, 1367, 1369, 1386, 1390, 1392, 1397, 1398, 1403, 1407, 1409, 1410, 1414, 1427, 1432, 1433, 1439, 1440, 1441, 1442, 1443, 1445, 1446, 1450, 1451, 1452, 1457, 1458, 1459, 1462, 1463, 1465, 1468, 1470, 1472, 1474, 1478, 1480, 1481, 1485, 1486, 1487, 1489, 1492, 1493

Εγκωμη: Enkomi

305

βλ. και Κύπρος

Εγχάρακτα: incised, inscribed, incises, inscrites, inciso

103, 236, 263, 264, 566, 659, 717, 885, 1048, 1114

βλ. και Σημεία, Σύμβολα

- Εθνικότητα:** ethnicity
666
βλ. και Ταυτότητα
- Ειδίκευση:** specialization, extensification
833, 1037
βλ. και Εργασία, Τεχνικές, Τεχνίτες, Καλλιτεχνία, Βιοτεχνία
πρβλ. Επαγγέλματα, Γυαλί, Κεραμική, Δέρμα, Υφάσματα, Υφαντουργία
- Είδωλο:** figurine-s, άγαλμα-ta, statue-s
223, 661, 1310
- Εικονογραφία:** painting-s, painter-s, peintre-s, representation-s, iconography, drawing-s, narrative in art, οκνές, scènes-s, szenen, figuré, imagery, Bild, Bildwerke, Darstellung-en, decoration, pictorial, διακόσμηση
19, 55, 78, 88, 160, 161, 164, 267, 272, 273, 274, 275, 276, 277, 278, 279, 282, 283, 291, 321, 342, 343, 344, 362, 379, 380, 398, 422, 518, 541, 572, 597, 613, 636, 691, 730, 817, 828, 889, 900, 907, 1031, 1070, 1075, 1221, 1222, 1292, 1297, 1306, 1333, 1385, 1405, 1426, 1447, 1505, 1509, 1511, 1515
βλ. και Τοιχογραφίες
πρβλ. Καλλιτεχνία, Τεχνίτες
- Εισαγωγές:** import-s, importazioni
266, 524, 571, 704, 1123
βλ. και Εμπόριο, Εμποροι, Μεταφορές, Φορτία, Κυκλοφορία
πρβλ. Αγαθά, Ανταλλαγές, Εξαγωγές
- Εκθέσεις:** exhibition-s, exposition-s, Ausstellung
403, 497, 911, 1146, 1381
βλ. και Κατάλογοι, Μουσεία
- Εκκαρπίνευση:** smelting
239
βλ. και Μεταλλουργία, Χοάνες, Φυσερά, Μήτρες, Κλίβανοι
πρβλ. Τάλαντα, Τεχνίτες, Τεχνολογία, Εξόρυξη
- Εκπαίδευση:** education, training
217, 684, 1331, 1425
βλ. και Γραφείς, Γνώση, Βιβλιοθήκες, Γλωσσάρια
- Ελάφια:** stag-s, deer
678
βλ. και Ζάσα, Κυνηγοί
πρβλ. Δέρμα, Κέρατα
- Ελεφαντόδοντο:** ivory, ivoire, ελεφαντοστούν, elephant tusk-s, δόντι πιποποτάμου
79, 646
βλ. και Τεχνίτες, Βιοτεχνία
πρβλ. Έπιπλα
- Ελιές:** olive-s, olive tree-s, olivier
40, 50, 171, 554
βλ. και Διατροφή, Δένδρα, Λάδι
πρβλ. Μερίδες, Πληρωμές, Επιβίωση, Γεωργία, Οπωροκηπευτικά, Αγροτεμάχια, Αγρότες
Ελλήνες: Greece - greek, Grèce - grecs, Griechenland - griechen - griechischer, Grecia-greche, Graeco
15, 46, 74, 79, 120, 146, 153, 167, 183, 202, 246, 307, 311, 397, 412, 451, 452, 461, 467, 536, 549, 568, 581, 594, 647, 683, 763, 797, 806, 825, 847, 907, 942, 1007, 1013, 1018, 1025, 1064, 1087, 1198, 1226, 1234, 1274, 1275, 1304, 1358, 1361, 1363, 1402, 1413, 1432, 1496, 1497, 1506
Ελληνιστικός: Hellenistic
394, 580, 731
- Εμπορεία:** gateway community, emporio-a, trading post-s
144
βλ. και Εμπόριο, Λιμάνια, Δρόμοι, Αποικίες, Karum
πρβλ. Εμποροι, Διακίνηση, Μεταφορές, Πλοία

Εμπόριο: emporion, commerce-ial, commer-
cio, trade-ing, Handel, comptoir, εμπορεύ-
ματα (+Αγαθά)

10, 11, 12, 20, 42, 61, 78, 83, 105, 111,
144, 147, 168, 171, 172, 185, 186, 188,
191, 220, 221, 224, 243, 255, 280, 295,
297, 322, 386, 394, 407, 410, 411, 426,
436, 438, 439, 451, 452, 475, 480, 485,
508, 523, 535, 538, 539, 545, 548, 551,
553, 559, 627, 653, 654, 667, 673, 680,
681, 687, 707, 713, 724, 726, 737, 739,
754, 776, 778, 781, 797, 811, 844, 845,
847, 869, 874, 886, 912, 913, 930, 940,
983, 993, 994, 996, 1027, 1036, 1055,
1065, 1066, 1067, 1068, 1109, 1115, 1129,
1131, 1135, 1173, 1178, 1187, 1193, 1228,
1230, 1250, 1254, 1335, 1343, 1345, 1350,
1353, 1356, 1401, 1412, 1416, 1418, 1433,
1436, 1443, 1447, 1469, 1485, 1494, 1498,
1500, 1504

βλ. και Ανταλλαγές, Έμποροι, Εισαγωγές,
Εξαγωγές
πρβλ. Αξία, Τιμή, Αγορά, Αγοραπωλοσία,
Χρήματα, Επενδύσεις, Έμπορεία

Έμποροι: marchand-s, vendor-s, merchant-s,
commerçant-s, trader-s, Händler, emporos,
merchanti, Kaufmann
79, 106, 203, 209, 216, 252, 296, 411, 434,
472, 508, 545, 574, 653, 663, 676, 692,
695, 735, 768, 779, 868, 876, 877, 878, 880,
903, 938, 981, 1027, 1091, 1119, 1154,
1248, 1249, 1349, 1354, 1400, 1403, 1447,
1448, 1456

βλ. και Εμπόριο, Επιχειρίσεις, Κεφάλαιο,
Επαγγέλματα
πρβλ. Αξία, Τιμή, Αγορά, Αγοραπωλοσία,
Χρήματα, Επενδύσεις, Έμπορια, Συμβόλαια,
Πίστωση, Λογιστικά, Διπλωματία, Αγγελο-
φόροι

Εξαγωγές: export-s

241

βλ. και Εμπόριο, Έμποροι, Μεταφορές, Φορ-
τία, Κυκλοφορία
πρβλ. Αγαθά, Ανταλλαγές, Εισαγωγές

Εξόρυξη: mining, Bergbau, ορυχείο-α

404, 1036, 1167, 1170

βλ. και Εκκαμίνευση, Πλυντήρια
πρβλ. Μεταλλουργία, Χοάνες, Φυσερά, Μί-
τρες, Κλιψανοί

Εξουσία: power, rule, excellence, potere, chief-
dom, pouvoir

111, 154, 218, 316, 382, 387, 390, 407,
408, 410, 448, 502, 525, 526, 529, 535,
536, 621, 671, 673, 677, 756, 765, 804,
810, 838, 909, 910, 1001, 1067, 1078,
1079, 1190, 1197, 1257, 1263, 1311, 1340,
1342, 1369, 1370, 1371, 1411, 1416, 1418,
1430, 1475

βλ. και Ανάκτορα, Βασιλιάς
πρβλ. Ιεραρχία, Κράτος, Διοίκηση, Γραφειο-
κρατία

Επαγγέλματα: professioni, profession-s

48, 136, 225, 478, 517, 684, 931, 932, 933,
957, 1001, 1030, 1171, 1266, 1306, 1316,
1331, 1349, 1371, 1425

βλ. και Εργασία, Προσωπικό, Τεχνίτες, Ει-
δίκευση, Καλλιτεχνία, Πληρωμές
πρβλ. Γραφείς, Κναφείς, Ράφτες, Υφαντουρ-
γία, Αγρότες, Ναυτικοί, Αγγελιοφόροι, Επό-
πτες, Ιατρική, Αξιώματα, Γυναίκες, Έμποροι

Επεκτατισμός: imperialism

668, 1295

Επενδύσεις: investment-s

1318

βλ. και Επιχειρίσεις, Χρηματοδότηση, Κε-
φάλαιο, Πίστωση
πρβλ. Χρέον, Κέρδος, Έμποροι

Επιβίωση: subsistence, maintenance

36, 1004, 1141

βλ. και Μερίδες, Αναδιανομή, Διανομή
πρβλ. Διατροφή, Κατανάλωση, Προσωπικό,
Πληρωμές, Καθημερινή Ζωή

- Επιδράσεις:** influence-s, interaction-s, impact-s, interconnection-s
 268, 806, 812, 831, 997, 1062, 1115, 1134, 1198, 1221, 1229, 1247
 βλ. και Σχέσεις, Κυκλοφορία
 πρβλ. Διάδοση, Μετακινήσεις, Μεταφορές, Δρόμοι, Εισαγωγές, Εξαγωγές, Ανταλλαγές, Ταξίδια, Εμπόριο
- Έπιπλα:** furniture
 70, 920
 βλ. και Οικοσκευή, Κουτιά, Ξύλα
 πρβλ. Δέρμα, Καλάμια (Ψάθα), Σχοινιά, Ελεφαντόδοντο, Κινητά Ιδιοκτησία
- Επιστολές:** letter-s, lettre-s, epistolography, épistolaire, correspondence
 72, 136, 315, 335, 339, 384, 393, 529, 578, 596, 738, 770, 786, 896, 1351
 βλ. και Κείμενα
 πρβλ. Βασιλιάς, Γλώσσα, Αρχεία, Αγγελοφόροι, Διερμηνέας, Διπλωματία, Δώρα
- Επιφράνεια:** surface measures
 1460
 βλ. και Μετρολογία, Αγροτεμάχια
 πρβλ. Ακίνητη Ιδιοκτησία, Χωροτικότητα (σπορά)
- Επιχειρήσεις:** επιχειρηματίες, enterprise, entrepreneurship, business, business agent-s, entrepreneurs, hommes d'affaire, comptoir
 128, 209, 223, 666, 711, 735, 736, 741, 789, 1121, 1134, 1144, 1271, 1285, 1314
 βλ. και Χρηματοδότης, Κεφάλαιο, Επενδύσεις, Συνεταιρισμοί, Κέρδος, Πίστωση
 πρβλ. Χρέον, Εμποροί, Οίκος
- Επόπτες:** overseer-s, in charge, τοπάρχες
 136, 517, 1171, 1349
 βλ. και Προσωπικό, Αξιώματα, Τεχνίτες, Επαγγέλματα
 πρβλ. Εργασία, Πληρωμές, Μερίδες, Αναδιανομή, Ειδίκευση
- Έπος:** epic, Lugalbandaepos
 574, 1420
 βλ. και Φιλολογία, Ποίηση
- Εργαλεία:** tool-s
 331, 366, 367, 715, 802, 806, 830, 862, 890, 891, 945, 949, 969, 1074, 1125, 1199, 1362
 βλ. και Πελέκεις, Πριόνια
 πρβλ. Τεχνολογία, Τεχνίτες, Χώρος (+Εργασία), Εργαστήρια
- Εργασία (ΓΕΝΙΚΟΣ ΟΡΟΣ):** labour, labor, work, travail, corvée, Geschäft, workers, workforce, workmen, ouvriers, labourers, Arbeiter, tomb-makers (+Καλλιτεχνία), εργάτες
 36, 155, 198, 200, 238, 265, 301, 313, 369, 370, 375, 453, 492, 494, 533, 544, 597, 601, 605, 607, 617, 622, 645, 656, 657, 708, 747, 759, 789, 804, 833, 834, 854, 938, 941, 961, 962, 1030, 1037, 1095, 1143, 1180, 1266, 1299, 1302, 1308, 1471
 βλ. και Επαγγέλματα, Ειδίκευση, Προσωπικό, Καλλιτεχνία, Αξία (+Εργασία =κόστος)
 πρβλ. Τεχνίτες, Πληρωμές, Διανομή, Επιβίωση, Βιοτεχνία, Παραγωγή, Εργαστήρια
- Εργαστήρια:** workshop-s, εργαστήριο
 318, 822, 1241, 1292, 1501
 βλ. και Τεχνίτες, Καλλιτεχνία, Βιοτεχνία, Μεταλλοτεχνία, Ειδίκευση, Εργαλεία
 πρβλ. Κεραμική, Μέταλλα, Γυαλί, Ελεφαντόδοντο, Ξύλα, Δέρμα, Βαρές, Κοσμήματα, Χώρος (+Εργασία)
- Εστίες:** hearth-s
 239
 βλ. και Κλίβανοι, Οικοσκευή, Εργαστήρια
- Ετικέτες:** label-s
 1328
 βλ. και Κείμενα
 πρβλ. Γραφή, Σκεύη

Ευφράτης: Euphrate

386, 888

βλ. και Μεσοποταμία, Ποτάμια

Ζάκρος: Zakro

1039

βλ. και Αιγαίο, Κρήτη

Ζάχαρη: sugar

1500

βλ. και Διατροφή

πρβλ. Μέλι

Ζυγαριές: ζυγός, balance, scales, Waagen

6, 77, 189, 326, 327, 328, 622, 643, 649,

928, 1406, 1509

βλ. και Μέτρηση, Βάρος, Οργανα, Ζύγιομα
πρβλ. Σταθμά

Ζύγιομα: pesée, weighing

463, 577, 622, 662, 856, 859, 1049, 1146,
1342, 1426

βλ. και Ζυγαριές, Μέτρηση, Βάρος, Σταθμά

Ζώα: animal-s, zooarchaeological, σφραγεία,
slaughterhouse

150, 360, 450, 463, 502, 512, 589, 644, 678,
852, 859, 943, 950, 969, 1003, 1016, 1052,
1177, 1285, 1290, 1473, 1479

βλ. και Κτηνοτροφία, Βοοειδή, Αιγοπρόβα-
τα, Ελάφια, Γάιδαροι, Ιπποειδή, Χοίροι
πρβλ. Γαλακτοκομία, Κρέας, Δέρμα, Μαλλί,
Λίπος, Τένοντες, Κέρατα, Κόλλα, Γιδότρι-
χες, Κυνηγοί

Ημερολόγια: logs

600

βλ. και Κείμενα

Ηρόδοτος: Herodotus

581, 1087, 1496

βλ. και Έλληνες, Κλασικός

Θάλασσα: mer, sea, thalassa, maritime, thalas-
socracy, θαλασσοκρατία

45, 83, 84, 105, 188, 224, 320, 500, 569,
582, 707, 822, 953, 981, 1000, 1116, 1154,
1275, 1386, 1417

βλ. και Πλοΐα, Ναυτικό, Ναυάγια, Λιμάνια,
Ταξίδια, Εμπορεία

Θάνατος: death, dead, νεκροί

8, 18, 57, 967, 1363

πρβλ. Βιβλίο των Νεκρών, Τάφοι, Τελε-
τουργία

Θεσμοί: institutions, institutional, institution-
nel, istituzioni

66, 100, 126, 127, 128, 298, 408, 517, 853,
1135, 1318, 1319, 1324, 1487

πρβλ. Νομοθεσία, Διοίκηση, Εξουσία, Δι-
καιο, Οικογένεια

Θεωρία: theory-ies, théorème, theorien, cog-
nitive archaeology

67, 130, 245, 270, 419, 456, 588, 641, 798,
865, 926, 1028, 1051, 1060, 1093, 1128,
1129, 1131, 1132, 1133, 1137, 1139, 1163,
1168, 1198, 1205, 1206, 1207, 1208, 1215,
1229, 1233, 1254, 1263, 1395, 1396, 1398,
1438

βλ. και Γνώση, Οικονομία

Θήβα: Theba

26, 1499, 1504

βλ. και Αιγαίο

πρβλ. Μυκηναίοι

Θήβαι: Thebes, Theban, thebanischer

88, 142, 200, 272, 273, 275, 276, 277, 279,
282, 342, 343, 344, 359, 368, 379, 484,
516, 572, 601, 846, 946, 1070, 1075, 1181,
1182, 1222, 1385

βλ. και Αίγυπτος

Θήρα: Thera

138, 321, 322, 323, 515, 635, 742, 856,
858, 900, 1296, 1376, 1515

βλ. και Αιγαίο, Κυκλαδες

- Θοσαυρός:** trésor, treasure, hoard
 117, 118, 363, 595, 831, 891, 1124, 1157,
 1269
 βλ. και Μέταλλα, Νομίσματα, *Currency*
 πρβλ. Τάλαντα, Κοσμήματα, Σκεύη, Αποθή-
 κευση, Σύνολα
- Θολωτοί:** tholos tomb, voûte
 263
 βλ. και *Táφοι*
- Θουκυδίδης:** Thukydides
 467
 βλ. και Έλληνες, *Κλασικός*
- Θράκη:** Thrace, Thracian
 1275, 1497
 βλ. και Έλληνες
- Θρησκεία:** religion, religious, Gods, deities, cult,
 culto, Kultsymbols, ritual, divine, λατρεία
 52, 54, 56, 57, 137, 146, 166, 261, 287,
 415, 424, 516, 536, 670, 691, 716, 763,
 793, 881, 1212, 1217, 1274, 1331, 1432,
 1480, 1509
 βλ. και Οσιρις, Amun, Thoth, Ιερατείο, Τε-
 λετουργία
 πρβλ. *Ιδεολογία, Μυθολογία, Προσφορές,*
Θυσίες
- Θύρες:** Türen, Πύλες, Gates
 611, 1184
 πρβλ. *Αρχιτεκτονική, Οικοσκευή, Ξύλα, Δέρ-
 μα, Καλάμια, Πίσσα*
- Θυσίες:** sacrifice-s
 481
 βλ. και *Θρησκεία, Τελετουργία, Προσφορές*
- Iáβα:** Javanese
 1428
- Ιατρική:** medicine, doctor-s
 667, 1255
- βλ. και *Aξιώματα, Επαγγέλματα*
 πρβλ. *Φάρμακα, Ρήσεις*
- Ιδεογράμματα:** ideogram-s, ideogrammatic,
 ideogrammi, ideographic, logogram-s, λογό-
 γράμμα
 96, 97, 849, 979, 997, 1005, 1179
 πρβλ. *Γραφή, Κείμενα, Γραμμική Α, Γραμ-
 μική Β, Ιερογλυφικά, Σφρονειδής*
- Ιδεολογία:** ideology, Ideologie, ideología, ideal,
 idées, pensiero, concept, values
 67, 130, 179, 210, 341, 405, 535, 670, 671,
 778, 906, 1295, 1363, 1404, 1486, 1487
 πρβλ. *Θρησκεία, Μυθολογία, Θεομοί, Νο-
 μοθεσία, Σύμβολα*
- Ιδιοκτησία:** property, κατοχή (οποιουδήποτε
 αντικειμένου)
 196, 206, 247, 285, 293, 408, 443, 517,
 543, 550, 622, 832, 873, 942, 1078, 1079,
 1463, 1466
 βλ. και *Ακίνητη Ιδιοκτησία, Κινητή Ιδιοκτη-
 σία, Δουλεία*
 πρβλ. *Φορολογία, Προσφορές, Αγοραπω-
 λοσία, Ανταλλαγές, Συμβόλαια, Διαθήκες,
 Δώρα, Προίκα*
- Ιδιώτες:** private, privée, privat, privat,
 domestic
 16, 28, 127, 128, 205, 206, 208, 298, 402,
 483, 543, 628, 679, 766, 767, 769, 789,
 857, 939, 940, 941, 966, 1055, 1075, 1134,
 1271, 1305, 1332, 1336, 1466
 πρβλ. *Ιδιοκτησία, Επιχειρήσεις, Επενδύσεις,
 Χρηματοδότηση, Ταυτότητα, Αρχεία*
- Ιεζεκιήλ:** Ezekiel
 886
 βλ. και *Βίβλος*
- Ιεραρχία:** hierarchy
 66, 456, 805, 833, 1337, 1400, 1483
 βλ. και *Tάξεις*

- πρβλ.** Εξουσία, Αξιώματα, Κράτος, Ανάκτορα, Βασιλιάς, Δουλεία, Ιερατείο βλ. και Ζώα, Γάιδαροι πρβλ. Άμαξα
- Ιερατείο:** clergy, hiératique, sanctuaries, iερά, ναοί, temple-s, prêtres 54, 195, 284, 287, 516, 602, 628, 730, 771, 773, 810, 1134, 1167, 1274, 1307, 1364 βλ. και Θρησκεία πρβλ. Τελετουργία, Ιεραρχία, Εξουσία, Προσφορές, Θυσίες, Επενδύσεις, Επιχειρήσεις
- Ιερογλυφικά:** hieroglyphic, hieroglyphs, iερατική γραφή 524, 721, 978, 979, 1075 πρβλ. Κείμενα
- Ιματιορός:** clothes, garments, costume, Kleider, ριάτια, ρούχα 610, 1279, 1373, 1374, 1515 βλ. και Υφάσματα, Υφαντουργία πρβλ. Ράπτες, Δέρμα, Μαλλί, Λινάρι, Μετάξι, Πληρωμές, Διανομή
- Ινδία:** India 14, 801, 821
- Ινδοευρωπαϊοί:** Indo-European, Indo-européen 100, 101, 493
- Ινδός:** Indus, Mohenjo-Daro 51, 522, 557, 800, 802, 821, 1049, 1468 βλ. και Ποτάμια
- Ινες:** fibers, thread, yarn, σπάγγος, νήμα 833 βλ. και Ζώα, Φυτά πρβλ. Ύλες, Μαλλί, Λινάρι, Τένοντες, Κόλλα, Σχοινιά
- Ιορδανία:** Jordan 264, 294, 1003, 1492 βλ. και Εγγύς Ανατολί
- Ιπποειδή:** horse -es, mule-s, áλογο-α, μουλάρι-α
- Ιράκ:** Iraq-i 212, 891 βλ. και Μεσοοπαταμία
- Ιράν:** Iran 117, 184, 251, 406, 958, 1202, 1309, 1310 βλ. και Πέρσες
- Ιολαμικός:** Islamic 13
- Ισοτιμίες:** equivalence (μονάδων ή αγαθών) 622, 841 βλ. και Μετρολογία, Μονάδα, Αξία, Τιμές
- Ισπανία:** Spain 1170
- Ισραήλ:** Israel 660, 661, 675, 1235
- Ιστία:** sails 1297 βλ. και Πλοία, Υφαντουργία, Λινάρι πρβλ. Υφάσματα
- Ιστοριογραφία:** historiography 2, 786
- Ιταλία:** Italy 125, 929, 1447
- Κάδμος:** Cadmus 1504 βλ. και Θήβα, Μυθολογία
- Καθημερινή Ζωή:** καθημερινότητα, ζωή, life, daily life, everyday life, Leben, vie 423, 454, 522, 597, 677, 889, 934, 935, 978, 1046, 1162, 1212, 1252, 1276, 1442, 1450, 1505, 1509

- Κάιρο:** Kairo, Caire
121, 234
βλ. και Αίγυπτος
- Καλαβασός:** Kalavassos
728, 1261
βλ. και Κύπρος
- Καλάθια:** basket-s, καλαθοπλεκτική
βλ. και Κουτιά, Φορτίο, Μονάδα
πρβλ. Καλάμια, Φυτά, Μεταφορές, Χωροπι-
κόπτη, Υφαντουργία, Δέματα, Οικοοικευ-
νά
- Καλάμια:** reeds, ψάθια, mats, έλπ
374
βλ. και Φυτά
πρβλ. Καλάθια, Υφαντουργία, Τεχνικές, Κου-
τιά
- Καλλιτεχνία:** art-s, artist-s, καλλιτέχνες
24, 162, 291, 892, 1162, 1247, 1363, 1444,
1511
βλ. και Γλυπτική, Εικονογραφία, Μουσική,
Χορός, Ποίηση, Τοιχογραφίες
πρβλ. Ειδίκευση, Επαγγέλματα, Τεχνίτες, Ερ-
γαστήρια, Προσωπικό
- Καππαδοκία:** Cappadoce, Cappadocia-n, Cap-
padociennes
430, 431, 434, 436, 866, 867, 986, 1246
βλ. και Μικρά Ασία, Kanesh
πρβλ. Ασσύριοι, Assur
- Καραβάνια:** caravan, Harranu
10, 89, 722, 799, 969, 1492
βλ. και Μεταφορές, Μετακνίσεις
πρβλ. Γάιδαροι, Φορτία, Δρόμοι, Ασσύριοι,
Έμποροι, Άμαξα
- Κασσίτερος:** tin, zinn, étain
316, 521, 548, 624, 807, 915, 1036, 1392,
1412
βλ. και Μέταλλα
πρβλ. Τάλαντα, Κυκλοφορία, Ασσύριοι, Elam,
Ulluburun
- Κατακλυσμός:** deluge, délugue
207, 337
βλ. και Βίβλος
- Κατάλογος:** inventory-ies, inventaire-s, corpus-
ora, catalogue-s
195, 221, 403, 822, 868, 980, 985, 1146,
1257, 1307
βλ. και Μουσεία, Εκθέσεις, Κείμενα
πρβλ. Λίστες
- Κατανάλωση:** consumption, consumed
745, 1474
πρβλ. Επιβίωση, Διανομή, Ιδιοκτησία, Δια-
τροφή, Καθημερινή Ζωή
- Κέα:** Keos
5, 1053
βλ. και Αιγαίο, Κυκλαδες
- Κέδρος:** cedar
951, 952, 1403
βλ. και Δένδρα, Ξύλα
πρβλ. Μεταφορές, Εισαγωγές
- Κείμενα:** text-s, texte-s, textos, texten, textual,
document-s, sources, Quellen, written evi-
dence
16, 17, 30, 32, 37, 41, 43, 44, 48, 72, 75,
76, 87, 89, 91, 112, 114, 122, 123, 127,
132, 134, 135, 136, 138, 141, 152, 157,
179, 196, 197, 202, 205, 206, 208, 216,
217, 222, 230, 234, 244, 247, 254, 284, 290,
304, 310, 314, 315, 317, 333, 334, 335, 339,
368, 380, 383, 384, 393, 396, 411, 412, 413,
424, 431, 445, 458, 462, 468, 470, 471, 476,
485, 488, 489, 490, 491, 499, 507, 510, 512,
527, 529, 556, 561, 565, 569, 574, 578, 591,
592, 596, 604, 610, 614, 616, 620, 623, 630,
640, 646, 672, 685, 687, 688, 700, 701, 707,
710, 713, 715, 736, 737, 738, 741, 743, 746,
748, 751, 757, 758, 765, 766, 767, 768, 769,
770, 781, 786, 787, 788, 789, 799, 807, 808,
816, 818, 824, 826, 836, 837, 843, 848, 864,
866, 867, 868, 870, 871, 872, 873, 874, 878,

896, 901, 932, 934, 950, 957, 960, 963, 964, 965, 966, 973, 975, 977, 979, 980, 984, 985, 991, 1000, 1006, 1034, 1040, 1041, 1046, 1056, 1061, 1062, 1072, 1075, 1080, 1086, 1094, 1126, 1127, 1136, 1144, 1156, 1161, 1165, 1176, 1179, 1182, 1185, 1186, 1188, 1207, 1210, 1227, 1239, 1241, 1245, 1246, 1249, 1253, 1257, 1258, 1259, 1260, 1267, 1278, 1285, 1300, 1302, 1306, 1310, 1312, 1320, 1323, 1327, 1331, 1332, 1334, 1347, 1348, 1351, 1352, 1363, 1368, 1378, 1384, 1392, 1420, 1422, 1427, 1435, 1448, 1473, 1478, 1493, 1509, 1512, 1517

βλ. και Διαθίκες, Συμβόλαια, Επιστολές, Λίστες, Αρχεία, Κατάλογοι, Φιλολογία, Πινακίδες, Πάπυροι, Graffiti
πρβλ. Γραφή, Γραφείς, Βιβλιοθήκες, Ιερογλυφικά, Σφρινοειδής, Γραμμική Α, Γραμμική Β

Κέντρο: center, core

271, 961, 1172, 1265

πρβλ. Διοίκηση, Κυκλοφορία, Αστικοποίηση, Περιφέρεια, Χωριά, Πόλεις

Κεραμική: pot-s, pottery, poterie, ceramic, céramique, ceramica, ware-s, κεραμεικά, potters (+ Τεχνίτες)

90, 93, 133, 139, 246, 308, 319, 474, 504, 507, 514, 560, 566, 567, 611, 635, 719, 781, 930, 945, 949, 1001, 1084, 1114, 1117, 1154, 1202, 1231, 1268, 1292, 1413, 1446, 1494, 1505, 1514

βλ. και Τεχνίτες, Αμφορείς, Πίθοι, Ψευδόστομοι, Σκεύη

πρβλ. Εργαστήρια, Ειδίκευση, Βιοτεχνία, Τεχνολογία

Κέρατα: horn

βλ. και Ζώα

πρβλ. Ύλες, Δέρμα, Γιδότριχες, Λίπος, Τενοντες, Μαλλί, Κόλλα

Κέρδος: profit, money-making, χρηματιστική

1091

βλ. και Αγορά

πρβλ. Κεφάλαιο, Επιχειρίσεις, Επενδύσεις, Πίστωση, Πρόσοδοι, Αξία, Τιμές, Θεωρία (+ Οικονομία)

Κερί: wax

βλ. και Μελισσοκομία
πρβλ. Μέλι

Κετούς: felt

1264

βλ. και Υφαντουργία, Μαλλί, Τεχνίτες
πρβλ. Στρώματα

Κεφάλαιο: capital, capitaux

789, 878, 1230, 1318

βλ. και Έμποροι, Επενδύσεις, Επιχειρίσεις, Χρηματοδότηση, Πίστωση, Χρέος
πρβλ. Κέρδος, Συνεταιρισμοί

Κινητή Ιδιοκτησία: movable property

247, 1466

βλ. και Ιδιοκτησία

πρβλ. Οικοσκευή, Έπιπλα, Αντικείμενα, Θύρες, Ζυγαριές

Κλασικός: classical, classica

15, 46, 467, 581, 647, 903, 942, 1087, 1496

Κλάσματα: fractions, fractional, frazione

94, 99, 113, 412, 455, 482, 859, 870, 1038, 1147, 1239, 1384, 1509

βλ. και Αριθμητική, Μέτρηση, Μετρολογία

Κλίβανος: furnace

239

βλ. και Εστίες, Χοάνες

πρβλ. Εκκαμίνευση, Μήτρες, Φυσερά, Μεταλλουργία

Κλοπές: robberies, stolen, τυμφωρυχία (+ Τάφοι), tomb robberies (+ Τάφοι)

196, 744, 1035

βλ. και Ποινές

πρβλ. Δίκαιο, Νομοθεσία

- Κναφείς:** fuller
1001
βλ. και *Επαγγέλματα, Υφάσματα, Υφαντουργία, Βαφές, Στυππηρία*
πρβλ. *Τεχνίτες, Προσωπικό*
- Κνίκος:** saflower
βλ. και *Φυτά, Κρόκος*
πρβλ. *Αρώματα, Βαφές, Μπαχαρικά, Φάρμακα*
- Κνωσός:** Knossos, Cnossos
133, 173, 365, 458, 512, 975, 1004, 1040,
1052, 1221, 1299, 1399, 1400
βλ. και *Κρήτη, Αιγαίο*
- Κοινότητα:** community
144, 200, 311, 537, 834
πρβλ. *Οικισμόι, Οίκος*
- Κοινωνία** (ΤΕΝΙΚΟΣ ΟΡΟΣ): society, social-e, sociali, societé, società, sociedad, Gesellschaft, soziologischer, sozial, status
25, 26, 64, 65, 91, 100, 101, 106, 186, 218, 229, 260, 299, 300, 345, 397, 419, 421, 453, 456, 481, 483, 492, 502, 555, 635, 709, 735, 749, 759, 773, 782, 805, 814, 833, 845, 857, 859, 860, 898, 906, 973, 999, 1005, 1060, 1069, 1081, 1094, 1138, 1197, 1200, 1236, 1288, 1291, 1314, 1315, 1337, 1345, 1390, 1399, 1424, 1483, 1488, 1498, 1509
βλ. και *Ιεραρχία, Τάξεις*
πρβλ. *Εξουσία, Διοίκηση, Ανάκτορα*
- Κόλλα:** glue
βλ. και *Ζώα, Φυτά*
πρβλ. *Υλες, Δέρμα, Γιδότριχες, Λίπος, Τένοντες, Νήμα, Μαλλί, Κέρατα*
- Κομμός:** Kommos
93
βλ. και *Κρήτη, Αιγαίο*
- Κονίαμα:** mortar, plaster, gypsum, αοβέστης
1159
βλ. και *Τοιχογραφίες, Τεχνικές, Αρχιτεκτονικά*
- Κοσμήματα:** jewels, trinket, ofrèvre (+*Τεχνίτες*)
49, 178
βλ. και *Πολύτιμα, Δακτύλιοι, Μέταλλα, Ελεφαντόδοντο, Φαγιεντιανή*
πρβλ. *Εργαστήρια, Επαγγέλματα, Δώρα, Ανταλλαγές, Πολυτελές*
- Κουπιά:** oar-s
1419
βλ. και *Πλοία*
πρβλ. *Ξύλα*
- Κουτιά:** box-es, boite-s, cases, containers, θήκες
βλ. και *Ξύλα, Καλάμια (ψάθα), Μεταφορές*
πρβλ. *Οικοσκευή, Έπιπλα, Καλάθια, Δέματα, Λάρνακες (coffins)*
- Κράτος:** state, stato, Staatliche, statale, κεντρική εξουσία
39, 173, 341, 456, 591, 709, 723, 771, 940, 941, 1055, 1263, 1271, 1383, 1394, 1424
βλ. και *Εξουσία, Ιεραρχία*
πρβλ. *Ανάκτορα, Βασιλιάς*
- Κρέας:** meat, carne
589, 1473
βλ. και *Διατροφή, Ζώα*
πρβλ. *Κατανάλωση, Διανομή, Μερίδες, Επιβίωση*
- Κρήτη:** Crete, Cretan, Crète, crêteoise, kretischen, κρητικό, κρητομυκναϊκό, Minoan, minoische, mīnoen-nne, mīnoicī, μινωικό, Minos 7, 11, 93, 98, 105, 113, 129, 133, 143, 144, 153, 166, 171, 173, 192, 203, 225, 307, 319, 320, 329, 331, 364, 365, 366, 367, 458, 459, 463, 500, 501, 506, 507, 512, 545, 547, 548, 571, 644, 680, 828, 863,

- 884, 885, 927, 937, 975, 976, 978, 979, 999, 1004, 1006, 1019, 1023, 1038, 1039, 1040, 1048, 1052, 1053, 1062, 1073, 1221, 1292, 1299, 1362, 1385, 1399, 1400, 1401, 1404, 1408, 1416, 1417, 1418, 1498, 1503, 1505, 1507, 1512, 1514, 1517
 βλ. και Αιγαίο
Κρόκος: saffron
 463
 βλ. και Φυτά, Κνίκος
 πρβλ. Βαφές, Μπαχαρικά, Φάρμακα
- Κτηνοτροφία:** livestock, breeding flocks, shepherds
 1003
 βλ. και Αιγοπρόβατα, Βοοειδή, Ζώα
 πρβλ. Κρέας, Δέρμα, Γαλακτοκομία, Μαλλί, Λίπος, Γιδότριχες, Τένοντες
- Κυκλαδες:** Cyclades, Cycladic
 5, 79, 138, 320, 321, 322, 323, 515, 635, 742, 856, 858, 900, 996, 1053, 1296, 1376, 1515
 βλ. και Αιγαίο
- Κυκλοφορία:** circulation, circolazione, traffic, traffici, Kursangaben, διακίνων
 28, 31, 83, 153, 210, 246, 364, 405, 815, 1008, 1020, 1232, 1298, 1338, 1454
 βλ. και Μετακινήσεις, Μεταφορές, Διάδοση,
 Δρόμοι, Ταξίδια
 πρβλ. Επιδράσεις, Σχέσεις, Ανταλλαγές
- Κυνηγοί:** hunters
 βλ. και Ελάφια
- Κύπρος:** Cyprus, Cypriot, Zypern
 60, 125, 167, 190, 237, 305, 364, 548, 567, 631, 632, 633, 663, 670, 671, 672, 728, 803, 913, 997, 1050, 1213, 1234, 1261, 1500
 πρβλ. Άλασία
- πρβλ. Κείμενα, Γραφή
- Κύρος:** prestige
 783, 1069, 1382
 πρβλ. Πολυτελές, Ιδεολογία, Εξουσία
- Λάδι:** oil, huile
 40, 50, 171, 458, 554
 βλ. και Ελιές, Διατροφή, Βιοτεχνία, Αρώματα, Λινάρι, Σουσάμι
 πρβλ. Ψευδόστομοι, Σκεύη, Αξία
- Λακκοειδείς** (τάφοι): shaft graves
 475, 704
 βλ. και Τάφοι
- Λαοὶ της Θάλασσας:** Sea Peoples, peuples de la mer
 432, 1116
- Λάρνακες:** larnakes, coffins, σαρκοφάγοι
 266, 920, 1292
 πρβλ. Τάφοι, Κεραμική, Ξύλα, Κουτιά
- Λατινοκρατία**
 594, 1500, 1506
- Λατομεία:** Steinbruchtätigkeit
 404
 βλ. και Λίθος, Εξόρυξη
 πρβλ. Πολύτιμα
- Λεξικά:** lexicon, lexical, Reallexicon, glossary, vocabulary, vocabulaire, dictionary, dictionnaire, Handwörterbuch
 107, 115, 214, 346, 347, 348, 349, 534, 573, 1087, 1220, 1344, 1380
 βλ. και Γλωσσάρια, Ορολογία, Γραμματική
- Λίμνος:** Lemnos
 1510
 βλ. και Αιγαίο
- Λίβανος:** Lebanon
 840, 951, 1403
 βλ. και Εγγύς Ανατολή

- Λίθος:** pierre, stone, limestone, gypsum, turquoise
6, 264, 274, 406, 953, 1310, 1399, 1400,
1444
βλ. και Αιματίτης, *Lapis lazuli*, Λατομεία
πρβλ. *Πολύτιμα*
- Λιμάνια:** harbour-s, port-s
58, 472
βλ. και Εμπορεία
πρβλ. *Πλοΐα*, Ναυτικοί, Αγκυρες, Έμποροι,
Αποικίες, Ανταλλαγές, Θάλασσα, Μεταφορές,
Δρόμοι
- Λινάρι:** flax, linen
1158, 1297, 1415
βλ. και Φυτά, Υφαντουργία, Γεωργία
πρβλ. *Υφάσματα*, *Ιματιομός*, *Λάδι*, *Ιοτία*, *Διχτυα*, *Σχοινιά*
- Λίπος:** fat, grease
βλ. και Ζώα
πρβλ. *Υλες*, *Μαλλί*, *Κόλλα*, *Τένοντες*, *Κέρατα*
- Λίστες:** inventory-ies, inventaire-s, list-s, listen,
απογραφή, απογραφές, καταγραφή, καταγραφές, record
134, 610, 640, 807, 836, 860, 957, 1290,
1493
βλ. και *Κείμενα*, *Λογιστικά*
πρβλ. *Διανομή*, *Πληρωμές*, *Προσωπικό*,
Δάρα, *Προίκα*, *Διαθίκες*
- Λογιστικά:** account-s, logistic, comptes, ledger
37, 152, 230, 368, 411, 412, 872, 1241, 1249,
1448
βλ. και *Κείμενα*, *Λίστες*, *Μάρκες*
πρβλ. *Έμποροι*
- Λούβρο:** Louvre
24, 843, 867
βλ. και *Μουσεία*
- Μαθηματικά:** mathematics, mathematical,
mathématique, Mathematik
1, 159, 194, 306, 336, 412, 417, 418, 493,
583, 584, 720, 750, 859, 934, 1034, 1051,
1088, 1099, 1148, 1149, 1150, 1151, 1156,
1206, 1256, 1259, 1284, 1287, 1310, 1384,
1402
βλ. και *Αριθμητικά*
πρβλ. *Μέτρηση*, *Μετρολογία*
- Μαλλή:** wool, lana, fleece
463, 644, 1016, 1052, 1285, 1479
βλ. και *Αιγαπόρβατα*, *Ζώα*, *Υφαντουργία*
πρβλ. *Κτηνοτροφία*, *Γιδότριχες*, *Υφάσματα*,
Ιματισμός, *Τνές* (νήμα)
- Μάρκες:** token-s, κέρματα
616, 1205, 1207, 1209, 1310
πρβλ. *Μέτρηση*, *Αριθμητικά*, *Λογιστικά*,
Γραφή
- Μαύρη Θάλασσα:** Dark Sea, Mer Noire, Εύ-
ξεινος Πόντος
45, 224
- Μέλι:** honey
βλ. και *Μελισσοκομία*, *Διατροφή*, *Κερή*
πρβλ. *Ζάχαρη*
- Μελισσοκομία:** beekeeping
240
βλ. και *Μέλι*, *Κερή*
πρβλ. *Επαγγέλματα*, *Παραγωγή*
- Μέμφις:** Memphis, Memphite
139, 729, 789, 822, 823
βλ. και *Αίγυπτος*
- Μερίδες:** rations, razioni
440, 1004, 1180
βλ. και *Διανομή*, *Αναδιανομή*, *Πληρωμές*
πρβλ. *Προσωπικό*, *Εμβίωση*, *Μαλλί*, *Κρέας*,
Σιτηρά, *Ελές*, *Σύκα*, *Ιματιομός*, *Μέλι*
- Μέσος Βασίλειο:** Moyen Empire, Middle King-
dom
332, 527, 596, 1360, 1384
βλ. και *Αίγυπτος*

Μεσοποταμία: Mesopotamia-n, Mésopotamie, Mesopotamien

1, 16, 17, 18, 33, 44, 49, 76, 89, 91, 112, 114, 118, 126, 127, 128, 135, 136, 137, 141, 155, 157, 159, 165, 174, 184, 185, 187, 205, 206, 208, 209, 210, 211, 212, 217, 241, 242, 243, 244, 247, 251, 252, 254, 255, 256, 257, 259, 284, 285, 288, 293, 295, 296, 298, 299, 302, 313, 314, 315, 316, 317, 325, 333, 334, 335, 337, 338, 339, 340, 347, 348, 349, 350, 352, 355, 357, 375, 378, 384, 385, 386, 387, 388, 389, 390, 393, 400, 406, 407, 408, 410, 411, 418, 423, 424, 427, 430, 434, 436, 440, 442, 445, 457, 470, 488, 489, 491, 499, 511, 522, 523, 528, 529, 548, 549, 583, 593, 599, 612, 614, 615, 616, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 634, 656, 679, 684, 685, 686, 687, 688, 692, 693, 694, 695, 696, 700, 701, 710, 712, 713, 714, 715, 722, 723, 724, 727, 735, 736, 737, 738, 740, 741, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 765, 766, 767, 769, 784, 785, 786, 787, 788, 792, 804, 805, 807, 808, 809, 810, 816, 818, 824, 826, 832, 833, 837, 864, 865, 868, 870, 871, 873, 874, 875, 876, 877, 878, 879, 883, 888, 891, 892, 893, 901, 905, 922, 931, 932, 933, 934, 935, 938, 939, 940, 941, 957, 958, 963, 964, 965, 966, 969, 970, 971, 973, 980, 981, 982, 985, 986, 989, 990, 991, 1018, 1052, 1057, 1059, 1061, 1064, 1067, 1072, 1078, 1079, 1080, 1081, 1082, 1083, 1085, 1088, 1089, 1091, 1092, 1093, 1094, 1096, 1098, 1099, 1100, 1101, 1102, 1104, 1118, 1119, 1124, 1126, 1127, 1134, 1135, 1136, 1137, 1139, 1140, 1141, 1142, 1143, 1144, 1148, 1150, 1153, 1154, 1157, 1159, 1165, 1166, 1171, 1184, 1185, 1189, 1190, 1192, 1202, 1240, 1248, 1249, 1253, 1257, 1259, 1260, 1262, 1264, 1266, 1267, 1268, 1271, 1272, 1279, 1281, 1284, 1299, 1301, 1302, 1305, 1310, 1311, 1312, 1313, 1314, 1315, 1317, 1318, 1319, 1320, 1321, 1322, 1323, 1324, 1331, 1334, 1338, 1341, 1342, 1343, 1344, 1345, 1348, 1349, 1350, 1352, 1353, 1354, 1355, 1356, 1357, 1366, 1368, 1369, 1370, 1371, 1380, 1387,

1389, 1391, 1392, 1411, 1429, 1430, 1434, 1448, 1449, 1453, 1455, 1456, 1460, 1461, 1464, 1466, 1471, 1473, 1479, 1483, 1488, 1490, 1491, 1493

Μετακινήσεις: mobility, movement, circulation de personnes, the grand tour, μετανάστες, immigrants

187, 210, 280, 378, 571, 894, 1189, 1190, 1404, 1465

βλ. και Ταξίδια

πρβλ. Μεταφορές, Δρόμοι, Καραβάνια, Γλούστα, Κυκλοφορία, Άμαξα

Μέταλλα: metal-s, metalware, metal-aux, metallic, metallica, Metall, tinker (+Τεχνίτες), forgeron (+Τεχνίτες), smith (+Τεχνίτες), copper-smith (+Τεχνίτες), Schmiede (+Τεχνίτες), silversmith (+Τεχνίτες), alloy-ies, κράμα, κράματα

21, 31, 49, 117, 118, 156, 157, 168, 169, 178, 190, 204, 218, 225, 229, 239, 250, 277, 279, 295, 316, 331, 332, 334, 352, 354, 395, 401, 402, 404, 425, 439, 468, 469, 520, 521, 538, 548, 621, 622, 624, 626, 640, 645, 678, 690, 694, 712, 714, 716, 731, 749, 752, 753, 757, 758, 803, 807, 856, 859, 862, 864, 888, 892, 912, 913, 914, 915, 916, 917, 918, 921, 922, 929, 941, 968, 969, 971, 976, 1008, 1020, 1024, 1036, 1042, 1069, 1112, 1124, 1127, 1157, 1163, 1165, 1167, 1168, 1169, 1170, 1199, 1232, 1242, 1269, 1274, 1289, 1294, 1301, 1311, 1320, 1340, 1356, 1359, 1360, 1362, 1388, 1392, 1412, 1426, 1435, 1448, 1451, 1459, 1469, 1472, 1475, 1480, 1481, 1496, 1497, 1501, 1519

βλ. και Χρυσός, Χαλκός, Αργυρος, Κασσίτερος, Μόλυβδος, Μεταλλουργία, Μεταλλοτεχνία, Τεχνίτες, Καλλιτεχνία

πρβλ. Πολύτιμα, Κοσμήματα, Εργαλεία, Σκεύη, Τάλαντα, Θωσαυροί, Αξία, Χρήματα, Currency

Μεταλλοτεχνία: bronzework, bronzeworking, metalworking, metalwork, travail des métaux
190, 204, 250, 334, 716, 749, 752, 757,

892, 1199, 1294, 1501

βλ. και Μέταλλα, Χρυσός, Χαλκός, Αργυρος, Κασσίτερος, Μόλυβδος, Τεχνίτες, Καλλιτεχνία, Επαγγέλματα πρβλ. Μεταλλουργία, Μήτρες, Χοάνες, Φυσερά, Εστίες

Μεταλλουργία: metallurgy, metallurgica, metallurgie, métallurgique, Hüttenwesen, Archaeometallurgie, krámmata, alloy-ies

169, 229, 239, 404, 425, 520, 626, 749, 803, 888, 915, 916, 917, 918, 1042, 1168, 1169, 1170, 1451, 1496

βλ. και Μέταλλα, Ειδίκειον, Επαγγέλματα πρβλ. Μεταλλοτεχνία, Τεχνολογία, Εκκαιμένιον, Χοάνες, Φυσερά, Μήτρες, Κλίβανοι, Εξόρυξη, Πλυντήρια

Μετάξι: silk

594

βλ. και Υφαντουργία

πρβλ. Υφάσματα, Ιματισμός

Μεταφορές: transport-s, transportation-s, porteurs

83, 89, 105, 106, 215, 385, 503, 538, 622, 819, 822, 845, 969, 1109, 1413

βλ. και Καραβάνια, Φορτία, Γάιδαροι, Πλοία, Άμαξα, Χανάνι, Αμφορείς πρβλ. Σκεύη, Κυκλοφορία, Μετακίνησης, Εμπορεία, Διάδοση, Επιδράσεις, Σχέσεις, Δρόμοι, Πλοτάμα, Λμάνια

Μέτρων: measure, mésurage, mesure, misure, measurement, comptabilité, evaluation, calculation, computing, computo, υπολογισμός 6, 8, 77, 94, 95, 97, 99, 113, 189, 201, 231, 262, 306, 326, 327, 328, 394, 412, 420, 444, 455, 463, 482, 494, 553, 558, 562, 577, 584, 622, 643, 649, 652, 662, 697, 856, 859, 862, 870, 928, 1023, 1025, 1038, 1045, 1049, 1052, 1076, 1089, 1125, 1146, 1147, 1148, 1179, 1239, 1297, 1342, 1370, 1384, 1406, 1426, 1479, 1509

βλ. και Βάρος, Επιφάνεια, Χωρητικότητα, Μήκος

πρβλ. Μετρολογία, Μαθηματικά, Αριθμητική

Μετρογράμματα: metrograms, segni di misura 372, 1179

βλ. και Μετρολογία

πρβλ. Κείμενα, Κλάσματα, Γραμμική A, Γραμμική B, Ιερογλυφικά

Μετρολογία: metrology, metrological, métrologie, weight system, system of weights, sexagesimal system, quantième, sistema ponderale, μετρικό σύστημα

5, 6, 7, 8, 13, 27, 31, 35, 47, 51, 52, 53, 54, 77, 92, 95, 96, 97, 103, 115, 133, 140, 156, 189, 194, 213, 231, 232, 233, 234, 235, 236, 237, 238, 262, 264, 286, 306, 326, 327, 328, 354, 356, 360, 364, 394, 395, 405, 439, 463, 494, 549, 551, 553, 557, 558, 562, 568, 577, 579, 584, 622, 629, 634, 643, 649, 659, 660, 661, 662, 697, 717, 719, 728, 742, 750, 764, 775, 795, 841, 856, 857, 859, 861, 862, 863, 885, 928, 976, 987, 1009, 1010, 1011, 1012, 1014, 1015, 1016, 1017, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1045, 1047, 1048, 1049, 1050, 1052, 1053, 1054, 1059, 1071, 1088, 1089, 1090, 1093, 1096, 1097, 1099, 1106, 1108, 1110, 1117, 1120, 1130, 1146, 1147, 1150, 1152, 1164, 1175, 1244, 1284, 1286, 1307, 1339, 1342, 1360, 1370, 1376, 1384, 1406, 1426, 1455, 1457, 1458, 1460, 1468, 1479, 1482, 1489, 1490, 1499, 1508, 1509, 1513

βλ. και Μέτρων, Μονάδα

πρβλ. Σταθμά, Μετρογράμματα, Επιφάνεια, Χωρητικότητα, Βάρος, Μήκος

MEX: Middle Bronze, Bronze Moyen

52, 53, 110, 703, 1281, 1401

Μήκος: length, μήκος

213

βλ. και Μετρολογία, Μονάδα, Μέτρων πρβλ. Επιφάνεια

Μάτρες: moulds, χύτευση

178, 971

βλ. και Μεταλλοτεχνία, Μεταλλουργία, Μέταλλα, Τεχνίτες, Τεχνικές
πρβλ. Εργαστήρια, Φυσερά, Χοάνες, Κλίβανοι, Εστίες, Παραγωγή, Εργαλεία, Κοσμήματα

Μικρά Ασία: Anatolia-n, Anatolien, Asia Minor
29, 38, 60, 80, 81, 85, 87, 116, 123, 167,
221, 222, 226, 269, 295, 358, 402, 430,
431, 434, 436, 453, 466, 472, 485, 521,
524, 525, 573, 574, 576, 591, 640, 655,
657, 658, 702, 715, 721, 764, 831, 842,
850, 866, 867, 877, 880, 882, 917, 986,
987, 988, 992, 993, 994, 995, 1012, 1014,
1030, 1047, 1074, 1105, 1106, 1107, 1108,
1123, 1166, 1246, 1278, 1306, 1346, 1351,
1375, 1408, 1422, 1435

Μίλητος: Miletus, Milawanda

525

βλ. και Μικρά Ασία

Μιοθώσις: louage, lease, rent

852

βλ. και Πληρωμές

πρβλ. Αξία, Τιμές, Ακίνητη Ιδιοκτησία, Αγροτεμάχια, Γάιδαροι, Πλοία

Μιττάνι: Mittani-an

599, 970

βλ. και Μεσοποταμία, Arrapha, Nuzi, Χουρράτες

Μνα: mina

156, 1014, 1489

βλ. και Μετρολογία, Βάρος
πρβλ. Μονάδα

Μόλυβδος: lead, Blei

395, 622, 856, 922, 968, 976

βλ. και Μέταλλα
πρβλ. Άργυρος

Μονάδα: unit, unità, norme, standard, standardize, measure, τυποποίηση

31, 53, 92, 95, 96, 97, 232, 262, 354, 394,
553, 775, 1012, 1015, 1017, 1019, 1020,
1024, 1052, 1054, 1089, 1117, 1150, 1152,
1339, 1360, 1370, 1384, 1457, 1468, 1479
βλ. και Μετρολογία, Ιοστιμίες, Imerum
πρβλ. Μνα, Σίκλος, Τάλαντον, Μίνος, Χωρητικότητα, Επιφάνεια, Βάρος, Σταθμά, Αξία,
Τιμές

Μουσεία: museum, musée, Academy of Arts, συλλογές, collection, collezione, Sammlung
24, 103, 121, 161, 163, 234, 254, 266, 395,
403, 413, 431, 490, 491, 497, 527, 623,
689, 700, 715, 799, 824, 837, 843, 866,
867, 980, 1034, 1058, 1074, 1113, 1146,
1183, 1220, 1246, 1381

βλ. και Λούβρο, Βρετανικό

Μουσική: music, musician-s, singer-s

βλ. και Καλλιτεχνία, Τελετουργία, Χορός
πρβλ. Προσωπικό, Επαγγέλματα, Πληρωμές, Οργάνα

Μόχλος: Mochlos, Mokhlos

144, 976

βλ. και Αιγαίο, Κρήτη

Μπαχαρικά: spice, condiments

667, 1188

βλ. και Διατροφή, Φυτά, Πολύτιμα
πρβλ. Κρόκος, Αρόματα, Κνήκος, Σέλινο,
Φάρμακα

Μπαχρέιν: Bahrain

411, 582, 957, 1152, 1468

βλ. και Dilmun, Πέρσες (Περσικός κόλπος)

Μπύρα: beer, βύνη, malt

πρβλ. Σιτηρά, Μερίδες, Παραγωγή, Πληρωμές

Μυθολογία: myth, mythology, mito

500, 1160, 1238, 1432

πρβλ. *Ιδεολογία, Θρησκεία, Φιλολογία*

Μυκηναίοι: Mycenae, mycenaean, mykenische, miceneo, μυκηναϊκός πολιτισμός
 15, 26, 45, 80, 90, 97, 98, 171, 190, 202, 223, 225, 226, 246, 270, 271, 289, 363, 364, 396, 459, 512, 561, 565, 567, 569, 590, 617, 646, 647, 678, 704, 719, 781, 793, 813, 814, 815, 902, 937, 956, 977, 999, 1002, 1004, 1005, 1010, 1019, 1021, 1023, 1025, 1054, 1123, 1158, 1160, 1174, 1179, 1201, 1224, 1225, 1288, 1300, 1301, 1383, 1385, 1446, 1498, 1499, 1504, 1518

Ναυάγια: shipwreck-s

81, 82, 85, 521, 1105, 1106, 1107, 1108
 βλ. και *Πλοία, Κουπιά, Αγκυρες, Ιστία*
 πρβλ. *Λιμάνια, Εμπόριο, Δρόμοι, Μεταφορές*

Ναυτικό: sailor-s, seamanship, batelier-s

106, 225, 1386
 βλ. και *Πλοία, Επαγγέλματα*
 πρβλ. *Θάλασσα, Έμποροι, Ταξίδια, Μετακινήσεις*

Νείλος: Nile, Nilo

420, 461, 558, 899, 948
 βλ. και *Αίγυπτος, Ποτάμια*

Νέο Βασίλειο: New Kingdom, Nouvel Empire, Neues Reich

56, 106, 139, 369, 403, 444, 516, 517, 602, 822, 1163, 1182, 1394
 βλ. και *Αίγυπτος*

Νεολιθικός: Neolithic, néolithique

463, 466, 554, 859

Νερό: water, eau, πηγάδια, υδροδότηση/αποχέτευση

45, 215, 444, 853

πρβλ. *Σκεύη, Δημόσια Έργα*

Νόηση: thought, mind, intellectual, reasoning, notational

137, 245, 482, 1104, 1133, 1404

βλ. και *Γνώση*
 πρβλ. *Θεωρία, Μαθηματικά*

Νομίσματα: coin-s, coinage, coniata, numismatic, numismatica

73, 74, 498, 563, 790, 904, 1092, 1235, 1251, 1342

πρβλ. *Currency, Προνόμισμα, Χρήματα, Θησαυρός*

Νομοθεσία: legislation, law-s, lois, legal, law-suit, code, κώδικας

91, 153, 196, 307, 325, 387, 429, 488, 489, 576, 618, 1150, 1166, 1216, 1283, 1366, 1409, 1410, 1434

βλ. και *Θεομοί, Δίκαιο, Ποινές, Κλοπές*
 πρβλ. *Ιδεολογία, Εξουσία, Διοίκηση*

Νουβία: Nubia

273, 381, 560, 1245, 1295, 1359

βλ. και *Kush, Huy*

Ξύλα: timber, bois, wood, wooden, ξυλοκόπος, carpenter (+Τεχνίτες)

266, 611, 696, 920, 1240, 1266, 1403

βλ. και *Δένδρα, Τεχνίτες*
 πρβλ. *Επιπλα, Κουτιά, Κουπιά, Εργαστήρια*

Οικισμός: settlement

457, 1303

βλ. και *Σπίτια*

πρβλ. *Κοινότητα, Πόλεις, Χωριά, Αρχιτεκτονική*

Οικογένεια: family-ies, famille, familial-e, Familie

205, 285, 302, 380, 740, 762, 767, 769, 1094, 1272

πρβλ. *Οίκος, Γυναίκες, Παιδιά, Οικοοκευνή, Θεσμοί, Δουλεία*

Οικονομία (ΓΕΝΙΚΟΣ ΟΡΟΣ): economy, economics, economia, économie, economische, Wirtschaft, fiscal

4, 23, 38, 100, 119, 135, 136, 203, 244,

245, 258, 264, 290, 299, 314, 341, 345, 346, 355, 396, 397, 402, 409, 438, 451, 452, 489, 516, 532, 540, 555, 596, 601, 602, 603, 633, 640, 652, 655, 668, 670, 679, 738, 740, 755, 763, 771, 773, 780, 782, 788, 798, 843, 844, 862, 863, 870, 902, 906, 926, 929, 940, 959, 960, 1013, 1055, 1078, 1079, 1081, 1083, 1094, 1102, 1134, 1137, 1138, 1140, 1144, 1163, 1171, 1187, 1198, 1200, 1230, 1233, 1238, 1249, 1253, 1265, 1274, 1288, 1295, 1313, 1315, 1319, 1336, 1377, 1383, 1390, 1394, 1395, 1396, 1397, 1398, 1399, 1437, 1485, 1488, 1493, 1504, 1509
 βλ. και Χρηματοδότης, Επιχειρίσεις, Επενδύσεις, Αναδιανομή, Επιβίωση, Πληρωμές, Πλοτώση, Χρέον, Πρόσοδοι, Τιμές, Αξία, Αγορά, Αγοραπολοσία, Κέρδος, Κεφάλαιο, Ανταλλαγές, Έμποροι, Εμπόριο

Οίκος: household, νοικοκυριά

457, 610

βλ. και Σπίτια, Βιοτεχνία, Παραγωγή, Επιχειρίσεις
 πρβλ. Οικοσκευή, Οικογένεια, Κοινότητα, Οικισμός, Δουλεία

Οικοσκευή: household objects, Hausgeräte

70, 528, 802, 920, 1185

βλ. και Οίκος, Σπίτια, Επιπλα
 πρβλ. Διαθήκες, Κινητή Ιδιοκτησία, Προϊκα, Λίστες

Οίνος: wine, vin, κρασί, fruit of the vine

95, 98, 224, 388, 389, 507, 550, 718, 838, 839, 886, 974, 979, 1006, 1100, 1393, 1505, 1507, 1512, 1514, 1517

βλ. και Αμπελουργία, Διατροφή
 πρβλ. Σκεύη, Αμφορείς

Ομπρος: Homer-ic

183, 797

βλ. και Έλληνες

Οπλα: weapon-s, arm-s, ξίφη, εγχειρίδια, δόρατα, ασπίδες, sword-s

226, 645, 810, 822, 932, 1419

βλ. και Άμαξα
 πρβλ. Πόλεμος, Μεταλλοτεχνία, Μέταλλα, Κύρος, Δώρα, Εξαγωγές, Εισαγωγές

Οπωροκηπευτικά: fruit, καρποί (π.χ. αμύγδαλα, καρύδια, ρόδια), λαχανικά, φρούτα, garden, gardener

βλ. και Γεωργία, Σύκα, Ελιές, Διατροφή, Φυτά πρβλ. Αγροτεμάχια, Οσπρια

Οργανικά ίχλα (ΓΕΝΙΚΟΣ ΟΡΟΣ): organic

63, 109

Ορολογία: term-s, terminology, terminologia, vocabulaire

100, 208, 310, 331, 352, 434, 442, 622, 768, 868, 1078, 1079, 1089, 1126, 1145, 1282, 1343, 1354, 1394, 1451, 1472

βλ. και Λεξικά, Γλωσσάρια, Γλωσσολογία, Karum, Kaspu, Misarum, Ilku, Imerum

Οσιρις: Osiris

261

βλ. και Αίγυπτος, Θροποκεία

Οσπρια: pulse, legumes, lentils, beans, μπιζέλια

βλ. και Φυτά, Διατροφή, Γεωργία
 πρβλ. Οπωροκηπευτικά, Επιβίωση, Διανομή

Οστά: bones

βλ. και Ελεφαντόδοντο, Ζώα, Υλες
 πρβλ. Εργαλεία, Τένοντες, Κέρατα

Οστρακα: ostraca, ostracon, Bildostraca

161, 195, 274, 292, 294, 465, 610, 835, 1333

βλ. και Κείμενα, Εικονογραφία, Γραφείς,

- Ταυτόπτη, Εργασία, Deir el-Medina**
πρβλ. Συμβόλαια, Ανταλλαγές, Αγοραπωλησία, Αξία, Λίστες, Πάπυροι, Πινακίδες, Επικέτες, Μάρκες, Γνώση, Εκπαίδευση, Φιλολογία
- Οστρεα:** murex, φίλυντοι
βλ. και Πορφύρα
- Οχυρώσεις:** fortification-s
1302
βλ. και Αρχιτεκτονική, Δημόσια Έργα
πρβλ. Εργασία, Κράτος, Πλίνθοι
- Παιδιά:** children, Kind, υιοθεσία
380, 612
βλ. και Οικογένεια, Εκπαίδευση
πρβλ. Δουλεία, Οίκος, Εργασία, Τεχνίτες, Γυναίκες
- Πακιστάν:** Pakistan
14
- Παλαιό Βασίλειο:** Old Kingdom, Altes Reich, Ancien Empire
102, 121, 236, 370, 518, 533, 851, 889, 898, 909, 923, 1076, 1181, 1421, 1426
βλ. και Αίγυπτος
- Παλαιογραφία:** paleography
391
βλ. και Γραφείς, Ταυτόπτη
- Παλαιαπαφος-Σκάλες:** Palaepaphos-Skales
237, 631
βλ. και Κύπρος
- Παλαιστίνη:** Palestine, Palaestinian, Palestina, Levant (+Συρία)
20, 22, 77, 92, 110, 139, 248, 268, 468, 469, 474, 549, 552, 554, 661, 668, 716, 749, 775, 807, 895, 914, 930, 947, 952, 1116, 1167, 1269, 1293, 1386, 1414, 1433
βλ. και Εγγύς Ανατολή
πρβλ. Εβραίοι, Ιαρανίλ
- Πάπυροι:** papyrus-i
197, 230, 368, 476, 527, 604, 843, 950, 1034, 1156, 1176, 1182, 1210, 1239, 1241, 1384
βλ. και Κείμενα, Φυτά, Γραφική Ύλη
πρβλ. Σχοινιά, Πλοία, Υποδήματα, Επιστολές, Δέματα, Σκεύη, καλάθια, Βιβλίο των Νεκρών, Βιβλιοθίκες
- Παραγωγή:** production, product, produzione, Produktion, mise en oeuvre
21, 40, 120, 171, 246, 373, 451, 452, 589, 594, 607, 664, 674, 777, 857, 939, 1008, 1141, 1192, 1237, 1290, 1453, 1462, 1474, 1500, 1508
βλ. και Αγαθά
πρβλ. Βιοτεχνία, Γεωργία
- Πελέκεις:** axe, axehead
331, 715, 806, 830, 862, 1074, 1362
βλ. και Εργαλεία
- Περιφέρεια:** periphery
961, 1172, 1265
βλ. και Χωριά
πρβλ. Διοίκηση, Αστικοποίηση, Κέντρο
- Πέρσες:** Perse, Persian, persischen, Περσικός κόλπος, Αχαιμενίδες, Achaemenid, achéménide
51, 117, 151, 184, 251, 287, 288, 308, 406, 410, 624, 677, 732, 958, 1042, 1124, 1192, 1202, 1309, 1310, 1340, 1477, 1496, 1497
βλ. και Δαρείος, Ιράν
- ΠΙΕΧ:** Early Bronze Age, Early Aegean, Early Helladic
144, 178, 1120
- Πηλός:** clay, earth
464, 1202, 1209, 1316
βλ. και Αρχιτεκτονική, Κεραμική
πρβλ. Πλίνθοι

Πίθοι: pithoi

133, 507

βλ. και Κεραμική, Σκεύη
πρβλ. Αμφορείς, Ψευδόστομοι

Πινακίδες: tablets, tablettes, série

41, 152, 271, 310, 431, 458, 462, 485, 512,
561, 565, 569, 616, 623, 645, 707, 824,
866, 867, 868, 870, 871, 873, 975, 980,
1000, 1040, 1056, 1072, 1144, 1179, 1186,
1227, 1246, 1259, 1285, 1306, 1310, 1427,
1517

βλ. και Κείμενα, Γραμμική A, Γραμμική B,
Σχημοειδής

Πίσσα: bitumen, βιτούμιον, άσφαλτος

πρβλ. Τεχνολογία, Καλάμια (έλον)

Πίστωση: credit

1356

βλ. και Χρέος

πρβλ. Έμποροι, Επιχειρίσεις, Κέρδος, Κε-
φάλαιο, Χρηματοδότηση

Πληρωμές: μιθός, Löhne, wage-s, compen-
sation, salaire-salarial, salaries, payments, wage
labor, means of payment, αμοιβή, ανταμοιβή
36, 198, 238, 375, 494, 533, 605, 610, 657,
759, 1180, 1389, 1471

βλ. και Επαγγέλματα, Εργασία, Προσωπικό,
Αξία, Μισθώσεις
πρβλ. Μερίδες, Επιβίωση, Διανομή, Χρήματα

Πλίνθοι: bricks, bricque

1159, 1192

βλ. και Αρχιτεκτονική, Σπίτια

Πλοιά: ship-s, marine, sailing, seafaring, sea-
going, shipping

81, 82, 84, 85, 106, 188, 225, 521, 569, 600,
707, 822, 950, 953, 981, 1105, 1106, 1107,
1108, 1109, 1116, 1154, 1241, 1297, 1386,
1405, 1419, 1515

βλ. και Κουπιά, Ιστία, Αγκυρες
πρβλ. Ναυάγια, Ναυτικοί, Θάλασσα, Μετα-

φορές, Μετακινήσεις, Δρόμοι, Ταξίδια, Έμ-
ποροι, Λιμάνια, Ποτάμια

Πλυντήρια: laundry-ies, washing places, washer-
man, laundryman

610, 1359

πρβλ. Μέταλλα, Εκκαμίνευση, Υφάσματα,
Ιματισμός, Εξόρυξη, Προσωπικό

Ποίηση: poetry, songs

836, 1137, 1291, 1303, 1334, 1363

βλ. και Φιλολογία, Κείμενα, Έπος
πρβλ. Καλλιτεχνία

Ποινές: penalty-ies

196

βλ. και Νομοθεσία, Δίκαιο
πρβλ. Κλοπές

Πόλεις: city-ies, cite, città, ville, town

4, 173, 256, 414, 587, 712, 723, 780, 942,
1027, 1033, 1080, 1160, 1317, 1400, 1440,
1443

βλ. και Αστικοπόλη

πρβλ. Κέντρο, Περιφέρεια, Χωριά, Οικισμοί

Πόλεμος: war, polemos, military, soldier, guerrier,
στρατιώτης, στρατός

225, 706, 956, 1419

πρβλ. Όπλα, Διπλωματία, Αγγελιοφόροι,
Επεκταπόμος

Πολιτική: politics, politica, politique, political

61, 341, 391, 405, 456, 459, 668, 781, 1037,
1165, 1383, 1397

Πολυτελείς: luxuries

1228

βλ. και Πολύτιμα

πρβλ. Κύρος, Αγαθά (+Εμπόριο), Κινητή
Ιδιοκτησία

Πολύτιμα: precious, precious metals, metaux
précieux, οπάνια, εξωτικά, exotic

31, 218

βλ. και Μέταλλα, Πολυτελές, Χρυσός, Άργυρος, Ελεφαντόδοντο, Κέδρος, Πορφύρα πρβλ. Κοσμήματα, Θοοαυρός, Κύρος

Πορφύρα: πορφυρό χρώμα, purple, purple-dye, pourpre, murex industry, madder, ριζάρι, kermes
172, 619, 1285

βλ. και Βαφές, Οστρεα, Βιοτεχνία πρβλ. Υφάσματα, Ιματισμός, Πολύτιμα

Ποτάμια: river-s

51, 106, 386, 420, 461, 522, 557, 558, 800, 802, 821, 888, 899, 948, 1049, 1468

βλ. και Νείλος, Ινδός, Ευφράτης

Πρακτικά: proceedings, atti, Akten, actes, essays

2, 4, 18, 28, 45, 74, 86, 111, 120, 128, 151, 170, 210, 227, 246, 250, 251, 258, 288, 289, 297, 330, 376, 377, 383, 390, 416, 437, 451, 452, 471, 480, 496, 500, 501, 515, 520, 523, 536, 555, 561, 563, 575, 584, 590, 632, 683, 698, 703, 706, 707, 708, 709, 763, 771, 772, 774, 793, 815, 829, 882, 883, 895, 977, 998, 1002, 1008, 1041, 1104, 1128, 1183, 1193, 1211, 1236, 1348, 1355, 1390, 1391, 1422, 1445, 1449, 1450, 1492, 1494, 1506

βλ. και Συνέδρια, Τιμπτικός Τόμος

Πριόνια: saw-s

890

βλ. και Εργαλεία, Ξύλα πρβλ. Τεχνίτες

Προελληνες: prehellenic, préhellènnes
1358, 1361

Προίκα: dowry

1352

βλ. και Γάμος πρβλ. Συμβόλαια, Δώρα, Αξία, Λίστες, Επιστολές, Πολύτιμα, Σκεύη, Υφάσματα, Ιματισμός

Προμηθευτές: Liefer-, providers, supply, suppliers, προέλευση

1008, 1237, 1493

βλ. και Πρόσοδοι

πρβλ. Επιχειρήσεις, Λίστες, Ακίνητη Ιδιοκτησία, Έμποροι, Φορολογία, Προσφορές, Αξιώματα

Προ-νόμισμα: pre-coinage, prior to coinage

73, 364, 1024, 1092, 1342

βλ. και Προ-χρήμα, Πρωτο-χρήμα

πρβλ. Currency, Αξία

Πρόσοδοι: resources, έσοδα

1230

βλ. και Οικονομία, Προμηθευτές

Προσφορές: offering-s

564, 953, 1311

πρβλ. Θρησκεία, Θυσίες, Τελετουργία, Φορολογία, Λίστες, Προμηθευτές, Πρόσοδοι

Προσωπικό: personnel, lavoranti (ενίστε), service system, παροχή υπηρεσιών, dependent, non-dependent

546, 565, 611, 617, 961

πρβλ. Αξιώματα, Επόπτες, Επαγγέλματα, Τεχνίτες, Εργασία (corvée), Δουλεία, Λίστες, Μερίδες, Πληρωμές, Γυναίκες, Γραφείς, Κναφείς, Διανομή, Ιεραρχία, Τάξεις, Επόπτες

Προ-χρήμα: premonetary, premonetari

451, 452, 1013, 1026, 1274

βλ. και Πρωτο-χρήμα, Προ-νόμισμα

πρβλ. Currency, Χρήματα, Νομίσματα, Αξία, Τιμές

Πρωτο-χρήμα: proto-monetary

1274

βλ. και Προ-χρήμα, Προ-νόμισμα

πρβλ. Currency, Χρήματα, Νομίσματα

Πύλος: Pylos, Pilō

512, 569, 617, 646, 719, 902, 1004, 1158,

- 1224, 1299, 1301
 βλ. και *Αιγαίο, Μυκηναίοι*
- Πυραμίδες:** pyramid-s
 265, 1364
 βλ. και *Αίγυπτος, Φαραώ*
- Ραμσής:** Rameses, Ramsès, Ramesside
 188, 196, 198, 200, 215, 292, 532, 601,
 650, 651, 817, 1308
 βλ. και *Αίγυπτος, Φαραώ*
- Ράφτες:** tailor
 225
 βλ. και *Επαγγέλματα, Υφαντουργία, Ιματισμός*
 πρβλ. *Υφάσματα, Προσωπικό*
- Ράσεις:** ξόρκια, incantations, spells, συνταγές,
 παροιμίες, αινίγματα
 1126
 βλ. και *Κείμενα, Φιλολογία, Βιβλίο των Νε-
 κρών*
 πρβλ. *Ιεσολογία, Θρησκεία, Ιατρική, Εκπαί-
 δευση, Τεχνολογία, Τεχνικές, Διατροφή*
- Ρητίνη:** resin
 718, 1109
 βλ. και *Τεχνολογία, Εμπόριο*
 πρβλ. *Πλοία, Χαναάν (+Αμφορείς)*
- Ρωμαϊκός:** Rome, Roman, Augst
 146, 203, 415, 598, 928, 1110, 1447, 1507
- Σαργών:** sargonic, sargonico, présargonigue
 407, 408, 410, 804, 1257, 1370, 1411, 1430
 βλ. και *Βασιλιάς, Μεσοποταμία*
- Σαρδηνία:** Sardinia
 1482
 βλ. και *Nuragic*
- Σέλινο:** celery
 βλ. και *Μπαχαρικά*
 πρβλ. *Διατροφή*
- Σέσωστρις:** Sesostris, Senusret
 1241
 βλ. και *Αίγυπτος, Φαραώ*
- Σημεία:** signs (+Κεραμική), potter's marks
 (marks on pottery, marks on ware, marques
 sur poterie)
 93, 308, 566, 567, 1084, 1114
 πρβλ. *Εγχάρακτα, Σύμβολα*
- Σημίτες:** semitic, sémitique
 9, 806, 825, 1210
 βλ. και *Εγγύς Ανατολί*
 πρβλ. *Έμποροι*
- Σίκλος:** shekel, siqlu
 634, 662, 1164, 1342
 βλ. και *Μετρολογία*
 πρβλ. *Μονάδα, Βάρος, Χωρητικότητα, Ios-
 τιμίες*
- Σιτηρά:** cereal, grain, cereali, wheat, barley,
 orzo, Getreide, οιτάρι, κριθάρι
 15, 502, 667, 785, 1003, 1005, 1338, 1475,
 1493
 βλ. και *Γεωργία, Διατροφή, Φυτά*
 πρβλ. *Αγροτεμάχια, Πληρωμές, Διανομή,
 Αναδιανομή, Μερίδες, Επιβίωση, Αξία, Χρή-
 ματα*
- Σκεύη:** αγγεία, vessel-s, vase-s, cup-s, coppere
 109, 133, 139, 361, 474, 507, 514, 838, 930,
 937, 1115, 1117, 1399, 1400, 1413, 1459,
 1480, 1481, 1497, 1514
 βλ. και *Πίθοι, Αμφορείς, Ψευδόστομοι, Μο-
 νάδα, Χαναάν (+Αμφορείς)*
 πρβλ. *Καλάθια, Κεραμική, Μέταλλα, Πολύ-
 τιμα, Λίθος, Χωρητικότητα, Λίστες, Δώρα,
 Βιοτεχνία, Προσφορές, Αξία, Φορολογία,
 Currency*
- Σολομών:** Solomon
 914
 βλ. και *Εβραίοι*

- Σουμέριοι:** Sumer, Sumerian-s, neosumerian, Sumeri, neosumerici, sumérien-nne, néo-sumérien, sumerisch, neosumerischen 44, 217, 242, 244, 350, 408, 411, 470, 491, 499, 511, 583, 684, 685, 686, 687, 712, 752, 754, 755, 759, 784, 864, 939, 1057, 1072, 1088, 1091, 1094, 1126, 1185, 1253, 1284, 1313, 1387, 1448
βλ. και Μεσοποταμία πρβλ. Ακκαδίοι, Σφρνοειδής, Ορολογία, Λεξικά
- Σούσα:** Susa, Shush, susiane, susienne 51, 308, 406, 410, 1042, 1310
βλ. και Elam, Πέροες
- Σουσάμι:** sesame
βλ. και Λάδι, Φυτά πρβλ. Διατροφή
- Σπίτια:** house-s, home-s, maison-s, οικία, κατοικία, dwelling 16, 175, 176, 177, 483, 612, 765, 851, 1272, 1355
βλ. και Αρχιτεκτονική πρβλ. Οίκος, Οικοσευπί, Οικισμόι, Πόλεις, Χωριά, Πλάνθοι, Θύρες
- Σταθμά:** weight-s, poids-s, peso, pesi, Gewichte, σταθμία 5, 6, 7, 13, 51, 52, 53, 54, 103, 115, 140, 189, 233, 234, 235, 236, 237, 238, 264, 356, 364, 395, 439, 562, 568, 622, 629, 649, 659, 660, 661, 717, 742, 764, 856, 863, 885, 928, 976, 987, 1016, 1047, 1048, 1049, 1053, 1054, 1090, 1097, 1106, 1108, 1110, 1120, 1130, 1152, 1164, 1244, 1307, 1360, 1376, 1406, 1490, 1499, 1509, 1513
βλ. και Μετρολογία, Βάρος πρβλ. Ζύγισμα, Ζυγαριές, Οργανά, Μέτρηση, Αιματίτης
- Στατιστική:** statistics, statistical, quantitative approach 51, 457, 562
- Σπίλες:** stele-ae, stèle 699, 1029, 1242
πρβλ. Ανάγλυφα, Γραφή (επιγραφή), Εικονογραφία, Κείμενα
- Στρώματα:** mattresses 1264
βλ. και Υφαντουργία πρβλ. Κετοές, Βιοτεχνία, Οικοσκευή
- Στυπτηρία:** alum πρβλ. Ύλες, Υφαντουργία, Δέρματα
- Σύκα:** fig-s
βλ. και Δένδρα, Οποροκηπευτικά, Διατροφή πρβλ. Μερίδες, Διανομή, Πληρωμές, Επιβίωση, Προσωπικό
- Συλλαβογράμματα:** syllabogram-s 849
πρβλ. Κείμενα, Γραμμικά A, Γραμμικά B
- Σύμβολα:** symbol-s, Kultsymbols, (όχι κεραμέων), συμβολισμός 166, 214, 218, 636, 731, 1212
πρβλ. Σημεία, Εγχάρακτα
- Συμβόλαια:** contract-s, contrat-s, trattato, receipt-s 122, 179, 765, 826, 975, 1352
βλ. και Κείμενα πρβλ. Προίκα, Διαθήκες, Αγοραπωλοία, Μισθώσεις, Ιδιοκτησία, Ακίνητη Ιδιοκτησία, Χρέος, Πίστωση, Επενδύσεις, Παιδιά (υιοθεσία), Δουλεία, Ανταλλαγές
- Συνάρεια:** context-s, contexte-s 5, 7, 8, 52, 53, 510, 1378, 1379
- Συνέδρια:** colloquium-s, conference-s 2, 3, 4, 18, 28, 45, 74, 86, 102, 104, 111, 120, 151, 170, 182, 183, 209, 210, 227, 250, 251, 258, 260, 288, 289, 297, 317, 330, 340, 358, 376, 377, 383, 390, 416, 437, 447, 451, 471, 473, 477, 480, 496, 500, 501, 520, 523,

536, 555, 561, 563, 575, 586, 590, 620, 632, 647, 683, 698, 703, 706, 707, 708, 709, 710, 734, 763, 771, 772, 774, 791, 792, 815, 829, 882, 883, 887, 895, 905, 911, 977, 988, 990, 998, 1002, 1008, 1041, 1072, 1103, 1104, 1128, 1161, 1183, 1193, 1211, 1236, 1260, 1321, 1326, 1348, 1355, 1368, 1390, 1391, 1407, 1422, 1423, 1445, 1449, 1450, 1492, 1494, 1506

βλ. και *Πρακτικά, Τιμπτικός τόμος*

Συνεταιρισμός: partnerships, συντεχνίες, co-operations

724

βλ. και *Επιχειρήσεις, Οίκος*
πρβλ. *Κεφάλαιο, Πίστωση, Επενδύσεις, Κέρδος, Εμποροι, Τεχνίτες*

Σύνολα: assemblage-s, accumulo

1106, 1475

πρβλ. *Θουσαυρός, Αποθήκευση*

Συντήρηση: conservation

730

Συρία: Syria, Syrie, Siria, Levant (+Παλαιοτίνη), syrien-nne, Altsyrien
20, 27, 30, 31, 32, 33, 35, 36, 37, 39, 40, 41, 42, 43, 47, 48, 53, 54, 58, 59, 79, 91, 92, 112, 131, 132, 134, 152, 175, 176, 177, 192, 193, 204, 211, 238, 253, 268, 280, 286, 290, 303, 304, 351, 421, 468, 471, 513, 537, 538, 539, 540, 542, 543, 544, 545, 548, 549, 550, 552, 554, 592, 619, 663, 668, 702, 711, 716, 749, 770, 773, 779, 780, 792, 807, 811, 820, 827, 844, 886, 888, 895, 911, 952, 963, 964, 965, 966, 1011, 1014, 1015, 1055, 1056, 1066, 1071, 1116, 1121, 1145, 1186, 1187, 1194, 1195, 1196, 1210, 1258, 1270, 1277, 1278, 1280, 1281, 1285, 1327, 1328, 1329, 1330, 1331, 1332, 1335, 1337, 1339, 1365, 1367, 1369, 1386, 1390, 1392, 1414, 1427, 1433, 1439, 1440, 1441, 1442, 1443, 1445, 1446, 1451, 1457, 1458, 1463, 1472, 1480, 1489, 1493

βλ. και *Εγγύης Ανατολή*

Σφρινοειδής: cuneiform, cunéiforme, cuneiformi

2, 44, 304, 413, 524, 630, 685, 934, 965, 980, 985, 1058, 1100, 1206, 1246, 1347, 1348

πρβλ. *Γραφή, Πινακίδες, Κείμενα*

Σφραγίδες: seal-s, sealing-s, οφράγιομα

13, 264, 381, 506, 525, 998, 1408

πρβλ. *Διοίκηση, Γραφειοκρατία, Ανάκτορα, Ιδιοκτησία*

Σχέσεις: contact-s, relation-s, relationship-s, relazioni, communication-s, affinity-ies, links, δεσμοί

51, 60, 143, 219, 220, 221, 223, 226, 228, 270, 280, 319, 355, 392, 416, 530, 545, 549, 571, 628, 666, 705, 707, 756, 783, 842, 880, 929, 1047, 1129, 1218, 1247, 1281, 1300, 1361, 1408, 1414, 1432, 1468, 1487, 1503

βλ. και *Επιδράσεις, Διάδοση, Κυκλοφορία*
πρβλ. *Δηλωματία, Μεταφορές, Επιστολές, Εμπόριο, Αποκίνηση, Εμπορεία, Μετακινήσεις*

Σχοινιά: rope-s

1282

βλ. και *Γιδότριχες, Πάπυροι, Δέρμα, Λινάρι, Τνές, Καλάμια*
πρβλ. *Έπιπλα, Πλοία, Καλάθια*

Τάλαντα: ingot-s, ράβδοι, bar-s, bun-ingots, πλινθώματα

117, 425, 521, 912, 945, 946, 969, 1419

βλ. και *Μέταλλα, Μεταλλουργία, Μεταφορές, Μονάδα (τυποποίηση)*
πρβλ. *Χαλκός, Κασσίτερος, Γυαλί, Εκκαμψευση, Θοναυρός, Δακτύλιοι*

Τάλαντο: talent, talento, Talanton

92, 354, 775, 1339, 1457

βλ. και *Μετρολογία, Βάρος, Μονάδα (μετρικό σύστημα)*

- Τάξεις:** stratification, class-es, classi
805, 833, 1337, 1400, 1483
βλ. και *Iεραρχία*, *Αξιώματα*, *Επαγγέλματα*
πρβλ. *Κοινωνία*
- Ταξίδια:** journey-s, periplus, venture-s
187, 280, 378
βλ. και *Μετακινήσεις*, *Μεταφορές*
πρβλ. *Σχέσεις*, *Κυκλοφορία*, *Διάδοση*, *Δρόμοι*, *Πλοΐα*, *Αγγελιοφόροι*, *Έμποροι*
- Ταρσός:** Tarsus
466
βλ. και *Μικρά Ασία*
- Ταυροκαθάψια:** bull leaping
1221
βλ. και *Εικονογραφία*
πρβλ. *Τοιχογραφίες*
- Ταυτότητα:** identity, prosopography, αυτοβιογραφία, ανθρωπονύμια
1003, 1229, 1234
πρβλ. *Εθνικότητα*, *Παλαιογραφία*, *Γραφείς*, *Αξιώματα*, *Φαράω*
- Τάφοι:** tomb-s, tombe-aux, graves, Grab-äber, funeralary, νεκροταφεία, νεκροταφείο-α, νεκρόπολη, -όλεις, necropolis, nécropole, cemetery, Τυμβωρυχία, tomb robberies (+*Κλοπές*)
19, 55, 78, 80, 88, 102, 142, 164, 263, 272, 273, 275, 276, 277, 279, 281, 282, 283, 342, 343, 344, 362, 379, 398, 475, 484, 518, 572, 601, 613, 631, 691, 704, 729, 822, 823, 828, 838, 846, 889, 908, 909, 910, 920, 946, 1035, 1043, 1059, 1070, 1075, 1162, 1181, 1222, 1223, 1308, 1364, 1385, 1421, 1426, 1430, 1447
βλ. και *Λακκοειδείς*, *Θολωτοί*, *Θύβαι*
- Τελετουργία:** ceremony, ceremonial
160, 1463, 1470
βλ. και *Θρησκεία*, *Προσφορές*, *Θυσίες*, *Χορός*, *Μουσική*
πρβλ. *Θάνατος*, *Ιερατείο*
- Τένοντες:** tendon-s
βλ. και *Ζώα*, *Δέρμα*
πρβλ. *Υλες*, *Βιοτεχνία*, *Κέρατα*, *Κόλλα*, *Λίπος*
- Τεχνικές:** technique-s, κοκκίδωση, granulation
366, 1069, 1282
βλ. και *Τεχνολογία*
πρβλ. *Ειδίκευση*, *Τεχνίτες*, *Πολύτιμα*, *Κοσμήματα*, *Σκεύη*, *Τοιχογραφίες*, *Βαφές*, *Αρώματα*, *Ρίσεις*
- Τεχνίτες:** craftsman-en, craftswoman-en, artisan-s, Handworker, forgerons, glassmakers, silversmith, coppersmith, metalworker, smith, craftworkers, orfèvre, goldsmith, tinker, weaver, υφαντές, testuti
49, 118, 120, 225, 318, 324, 451, 611, 658, 712, 859, 894, 903, 941, 961, 985, 1001, 1037, 1125, 1142, 1145, 1157, 1162, 1189, 1242, 1268, 1288, 1289, 1301, 1389, 1465, 1516
βλ. και *Ξύλα*, *Μέταλλα*, *Γυαλί*, *Κεραμική*, *Δένδρα*, *Υφάσματα*, *Λινάρι*, *Μαλλί*, *Δέρμα*, *Επαγγέλματα*, *Ειδίκευση*, *Τεχνικές*, *Καλλιτεχνία*
πρβλ. *Βιοτεχνία*, *Παραγωγή*, *Εργασία*, *Συνεταιρισμοί*
- Τεχνολογία:** technology, technological
13, 239, 401, 648, 894, 955, 1069, 1204, 1230, 1236, 1243, 1255, 1506
βλ. και *Τεχνικές*, *Τεχνίτες*, *Βιοτεχνία*
πρβλ. *Μεταλλουργία*, *Πλυντήρια*, *Γυαλί*, *Κεραμική*, *Δέρμα*
- Τιμές:** price-s, prix, Preistarife, Preis, tariff
23, 36, 198, 238, 374, 375, 494, 533, 539, 601, 604, 605, 657, 693, 943, 1098, 1249, 1270, 1335, 1338, 1341, 1350, 1471
βλ. και *Αξία*, *Πληρωμές*
πρβλ. *Αγοραπλησία*, *Ανταλλαγές*, *Χρήματα*, *Προ-χρήμα*, *Currency*, *Αγορά*, *Συμβέλαια*, *Νομοθεσία*, *Ισοτιμίες*

Τιμητικός Τόμος: studies presented, studies in honour, studies in memory, mélanges offerts, Festschrift

3, 48, 76, 102, 104, 123, 131, 176, 177, 182, 183, 204, 209, 251, 253, 258, 260, 317, 330, 340, 358, 447, 473, 477, 563, 575, 586, 620, 647, 702, 710, 734, 791, 792, 811, 820, 827, 887, 895, 905, 911, 988, 990, 1063, 1072, 1103, 1161, 1186, 1260, 1321, 1326, 1368, 1407, 1423, 1441, 1442, 1443

βλ. και *Πρακτικά, Συνέδρια*

Τίρυνθα: Tiryns

223, 1201

βλ. και *Αιγαίο, Μυκηναίοι*

Τοιχογραφίες: wall painting-s, Wandmaleien, peintures murales, fresco-es

19, 55, 78, 164, 273, 275, 276, 279, 282, 283, 291, 321, 343, 344, 362, 379, 398, 518, 572, 613, 691, 730, 828, 900, 1070, 1221, 1222, 1515

βλ. και *Εικονογραφία, Τάφοι*
πρβλ. *Καλλιτεχνία, Τεχνικές, Τεχνίτες, Ανάγλυφα, Βαφές*

Τοπογραφία: topography, topographical, landscape, χάρτες, τοπωνύμια, γεωγραφία
226, 445, 670, 957, 1075

Τουθμωσίς: Tuthmosis, Thutmosis, Thouthmosis

281, 595

βλ. και *Αίγυπτος, Φαραώ*

Τουρκία: Turkey

80, 81, 85, 521, 850, 917, 1105, 1106, 1107, 1108, 1375

βλ. και *Μικρά Ασία*

Τουταγχαμών: Tut' anhamun

273

βλ. και *Αίγυπτος, Φαραώ*

Τροία: Troia, Trojan

764, 1047

βλ. και *Μικρά Ασία*

Τυπολογία: typology, typological

51, 916

Τύρος: tyrien, Tyros

79, 619

βλ. και *Συρία, Εγγύς Ανατολή, Λίβανος*

ΥΕΧ: LB, LBA, Late Bronze Age, Late Cyriopter, tarda età del Bronzo, Tardo Bronzo, Late Mycenaean, Bronze récent, Late Minoan

8, 20, 221, 224, 409, 425, 503, 546, 569, 644, 666, 703, 705, 778, 797, 828, 842, 857, 894, 902, 913, 1050, 1106, 1108, 1213, 1278, 1292, 1298, 1320, 1382, 1412, 1414, 1478, 1481, 1508

Υλες: material-s, raw materials, πρώται ύλαι (περιλαμβάνει όλες τις Ύλες οι οποίες δεν ονοματίζονται χωριστά στη βάση)

8, 83, 452, 704, 794, 796, 892, 893, 955, 1085, 1290, 1502

βλ. και *Ζώα, Φυτά*

πρβλ. *Κόλλα, Τένοντες, Λίπος, Μαλλί*

Υξώς: Hyksos

111

βλ. και *Αίγυπτος*

Υποδήματα: shoe-s, σανδάλια, chaussures

βλ. και *Δέρμα, Πλάπυροι, Καλάμια (ψάθα), Ινες*

πρβλ. *Ιματισμός, Πληρωμές, Αγορά, Δώρα, Γρούκα, Διανομή, Ανταλλαγές*

Υφαντουργία: weaving, textile industry, Textil-industrie, υφαντουργία

264, 357, 639, 645, 1296, 1297, 1387, 1502, 1516

βλ. και *Κναφείς, Υφάσματα, Ιστία, Τεχνίτες (+Υφάδοματα, + Μαλλί)*

πρβλ. Λινάρι, Μαλλί, Μετάξι, Ιματισμός, Ράφτες, Γυναίκες, Ειδίκευση, Βαφές, Στυπτρία, Πορφύρα

Υφάσματα: textile-s, cloth-s, fabrics, étoffes, Stoffen, tessuti, tessili

30, 108, 172, 255, 362, 437, 505, 594, 701, 789, 833, 859, 1001, 1019, 1076, 1145, 1158, 1235, 1258, 1279, 1298, 1325, 1329, 1373, 1374, 1447, 1461, 1484, 1500

βλ. και Τεχνίτες, Υφαντουργία, Ιματισμός, Ιστία

πρβλ. Δάρωα, Ανταλλαγές, Λινάρι, Μαλλί, Μετάξι, Πληρωμές, Λίστες, Μεταφορές

Φαγιεντιανά: faience

223, 1237

βλ. και Τεχνολογία

πρβλ. Γυαλί, Κορμήματα, Καλλιτεχνία, Πολύτιμα

Φαιστός: Phaistos

1408

βλ. και Κρήτη, Αιγαίο

Φαραώ: Pharaoh, pharaonique, pharaonischen

24, 71, 188, 196, 198, 200, 215, 219, 223, 232, 265, 273, 281, 292, 371, 414, 446, 492, 532, 595, 597, 601, 618, 650, 651, 747, 770, 817, 896, 898, 921, 1032, 1033, 1162, 1222, 1241, 1242, 1308, 1325, 1373, 1374

βλ. και Αίγυπτος, Βασιλιάς

Φάρμακα: drugs

667

βλ. και Ιατρική, Ρίσεις, Φυτά

πρβλ. Αρόματα, Μπαχαρικά, Πολύτιμα

Φιλισταίοι: Philistine

92

βλ. και Συρία, Παλαιοτίνη, Εγγύς Ανατολή

Φιλολογία: literature, literary, philological, filologias, wisdom

48, 424, 470, 490, 574, 685, 687, 748, 751, 836, 848, 973, 1161, 1331, 1334, 1363, 1420

βλ. και Κείμενα, Έπος, Ποίηση, Ρίσεις πρβλ. Γνώση, Εκπαίδευση, Γλώσσα

Φοίνικες: Phoenicia-n, Phoenikeia, phénicien, fenici

61, 86, 248, 356, 462, 496, 549, 552, 660, 682, 774, 840, 903, 919, 1403

βλ. και Συρία, Παλαιοτίνη, Φοινίκιο

Φοινίκιο: po-ni-ki-jo

463, 927

πρβλ. Βαφές, Φοίνικες, Πορφύρα, Φυτά, Πολύτιμα

Φοινικοειδή: palm-trees

βλ. και Δένδρα

πρβλ. Ινες

Φορολογία: tax-es, taxation, tribute, tributary system, Tribut, tribute, εισφορές

151, 238, 778, 1225, 1477, 1478, 1496, 1497

πρβλ. Διοίκηση, Προσφορές, Δάρωα, Διπλωματία, Γραφειοκρατία, Επόπεις

Φορτία: cargo-es

503, 1109

βλ. και Μεταφορές, Γάιδαροι, Πλοία, Δέματα, Καλάθια, Κουτά, Αμφορεῖς, Χανάάν

πρβλ. Αιγαίνια, Εμπορεία, Βάρος, Χωροποκόπια, Μονάδα, Σκεύη

Φυσερά: bellow-s, ακροφύσια, tuyère-s

239, 945, 949

βλ. και Μεταλλοτεχνία, Μεταλλουργία, Εκκαμίνευση

πρβλ. Χοάνες, Κλίβανοι, Μήτρες, Εστίες

Φυτά: plant-s, flora

40, 50, 150, 171, 374, 446, 463, 554, 859, 951, 952, 1158, 1188, 1240, 1266, 1297, 1403, 1415

βλ. και Δένδρα, Οπωροκηπευτικά, Μπαχαρικά, Αρώματα, Κρόκος, Φάρμακα, Φοινίκιο, Καλάμια, Λινάρι, Σιγηρά, Όσπρια, Αμπελουργία
πρβλ. Γεωργία, Αγροτεμάχια, Υλες

Χαλέπι: Aleppo, Halaf

211, 1339

βλ. και Εγγύς Ανατολί, Συρία

Χαλκός: copper, Kupfer, coppersmith (+ Τεχνίτες), cuivre, smith (+ Τεχνίτες), bronze, bronze-work, arsenbronzen, pane

156, 157, 169, 190, 295, 331, 332, 425, 521, 731, 757, 859, 912, 969, 1112, 1163, 1168, 1169, 1242, 1301, 1360, 1392, 1412, 1435, 1469, 1472, 1475

βλ. και Μέταλλα

πρβλ. Τάλαντα, Αξία, Τιμές, Πληρωμές, Αρσενικό, Κασσίτερος

Χαμουραμ्पί: Hammurabi

387, 621, 1067

βλ. και Μεσοποταμία, Βαβυλώνιοι, Βασιλιάς πρβλ. Νομοθεσία

Χαναάν: Canaan, Canaanite

110, 139, 248, 474, 930, 947, 1293

βλ. και Παλαιοτίνη, Συρία, Αμφορείς, Σκεύη πρβλ. Μεταφορές, Χωρητικότητα, Ναυάγια, Σχέσεις, Δρόμοι, Λάδι, Ρπτίνη

Χελιδονία Άκρα: Cape Gelidonya

1012, 1106

βλ. και Μικρά Ασία, Τουρκία, Ναυάγια, Τάλαντα, Σταθμά

Χετταίοι: Hittite, Hatti, hethitischen, ittita, Khatti

38, 87, 116, 123, 222, 226, 402, 453, 472, 524, 525, 573, 574, 576, 591, 640, 655, 657, 658, 702, 721, 956, 987, 988, 1014, 1030, 1306, 1422, 1435

βλ. και Μικρά Ασία

Χοάνες: crucible-s

239

βλ. και Μεταλλοτεχνία, Μεταλλουργία πρβλ. Εκκαμίνευση, Κλίβανοι, Φυσερά, Μάτρες

Χοίροι: pig-s, cochon

βλ. και Ζώα, Κτηνοτροφία, Λίπος πρβλ. Οπλα

Χορός: dance, Tanz

160

βλ. και Τελετουργία, Καλλιτεχνία, Μουσική πρβλ. Προσωπικό, Επαγγέλματα, Πληρωμές

Χουρρίτες: Hurrians, Hourrites

338, 905, 963, 966

βλ. και Εγγύς Ανατολί, Μεσοποταμία, Nuzi, Arrapha, Mittáni

Χρέον: debt-s, prêteurs, loan-s, δάνειο, τόκος, interest

208, 618, 1346, 1356, 1398, 1410

βλ. και Πίστωση, Misarum

πρβλ. Κεφάλαιο, Χρηματοδότηση, Επενδύσεις, Συμβόλαια, Δουλεία, Ποινές, Νομοθεσία

Χρήματα: money, monetary, monnaie, monétaire, moneta, Monies, Geld

124, 126, 252, 352, 353, 588, 642, 725, 732, 733, 790, 924, 1007, 1026, 1028, 1092, 1098, 1101, 1102, 1118, 1141, 1163, 1198, 1200, 1340, 1342, 1346, 1377, 1428, 1459

βλ. και Νομίσματα, Προ-νόμισμα, Currency, Προ-χρήμα, Πρωτο-χρήμα, Kasru

πρβλ. Αγοραπωλοία, Αγορά, Αξία, Τιμές, Πληρωμές, Κεφάλαιο, Χρηματοδότηση, Επενδύσεις

Χρηματοδότηση: finance, financière, financiers, financing, dotazione

296, 297, 767, 779, 1007

βλ. και Επενδύσεις, Επιχειρήσεις, Πίστωση,

- Κεφάλαιο**
πρβλ. *Χρήματα, Χρέον*
- Χρονολόγηση:** chronology, dating
394, 828, 1330, 1424
- Χρυσός:** gold, goldsmith (+Τεχνίτες), gold-standard, or, oro, orfèvre (+Τεχνίτες), χρυσόφι, χρυσοχόιδα, rotes Gold
21, 31, 49, 118, 354, 439, 468, 469, 622, 859, 921, 922, 1069, 1163, 1311, 1320, 1359, 1362, 1388, 1448, 1459, 1480, 1481, 1496, 1501, 1519
βλ. και Μέταλλα, Πολύτιμα
πρβλ. *Κορυφήματα, Πληρωμές, Κύρος*
- Χωροτικότητα:** measures of capacity
133, 719, 795, 1096, 1117, 1150, 1384
βλ. και Μετρολογία
πρβλ. *Μονάδα, Επιφάνεια, Μέτρηση, Σκεύη, Μεταφορές*
- Χωριά:** village-s, villager-s, campagne, rural
311, 537, 601, 609, 747, 780, 832, 836
βλ. και Περιφέρεια, Διοίκηση, Προμηθευτές
πρβλ. *Κέντρο, Αστικοπόλη, Πόλεις, Οικισμός, Σπίτια, Αγρότες*
- Χώρος:** space
457, 1060
- Ψάρια:** fish, fishing, αλιεία, ψαράδες (+Εργασία)
6, 149, 290, 558, 1029
βλ. και Διατροφή
πρβλ. *Προμηθευτές, Επαγγέλματα, Μερίδες, Διανομή*
- Ψείρα:** Pseira
105
βλ. και Αιγαίο, Κρήτη
- Ψευδόστορομος:** stirrup jars
514, 930
- βλ. και *Σκεύη, Κεραμική, Αμφορείς*
πρβλ. *Πίθοι, Χαναάν, Μεταφορές, Χωροπικότητα, Σχέσεις, Δρόμοι, Λάδι, Οίνος*
- Ψωμί:** bread, loaves, cakes, αλεύρι
564, 745, 953
βλ. και *Σιτηρά, Διατροφή*
πρβλ. *Διανομή, Μερίδες, Επιβίωση*
- Abu Habba**
16, 127, 285, 1136, 1349, 1353
βλ. και *Μεσοποταμία, Sippar*
- Ahijawa**
181, 525
βλ. και *Μυκηναίοι*
- Ahmose**
1242
βλ. και *Αίγυπτος, Φαραώ*
- Al Hiba**
713, 714, 804, 1257, 1299
βλ. και *Μεσοποταμία, Lagash*
- Alalakh**
421, 1427, 1457, 1458, 1493
βλ. και *Εγγύς Ανατολή, Συρία, Tell Atchana*
- Alishar Hüyük**
1375
βλ. και *Μικρά Ασία, Τουρκία*
- Amenemtore**
55
βλ. και *Αίγυπτος, Τάφοι*
- Amenhotep:** Amenophis
219, 223, 770, 1222
βλ. και *Αίγυπτος, Φαραώ*
- Amenose**
282
βλ. και *Αίγυπτος, Τάφοι*

| | |
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| <i>Arrapha / Arraphe</i> | βλ. και <i>Προνόμιομα</i> |
| 385, 599, 766, 767, 931 | |
| βλ. και <i>Μεσοποταμία, Kirkuk, Μιττάνι, Xouppíteς, Nuzi</i> | |
| <i>Ashanti</i> | |
| 562 | |
| βλ. και <i>Μετρολογία</i> | |
| <i>Ashdod</i> | |
| 92, 775 | |
| βλ. και <i>Εγγύς Ανατολή, Παλαιοτίνη</i> | |
| <i>Assur</i> | |
| 1080 | |
| βλ. και <i>Μεσοποταμία, Qalat Sharqat, Ασσύριοι</i> | |
| <i>Beni Hasan</i> | |
| 479, 944, 1223 | |
| βλ. και <i>Αίγυπτος, Τάφοι</i> | |
| <i>Benja</i> | |
| 484 | |
| βλ. και <i>Αίγυπτος, Τάφοι</i> | |
| <i>Boğazköy</i> : Χατούσα, Hattusas | |
| 123, 1422 | |
| βλ. και <i>Μικρά Ασία, Χετταίοι</i> | |
| <i>Burushatum</i> | |
| 435 | |
| βλ. και <i>Kanesh</i> | |
| <i>Cayönü Tepesi</i> | |
| 917 | |
| βλ. και <i>Μικρά Ασία, Τουρκία, Μέταλλα</i> | |
| <i>Chnumhotep</i> | |
| 398, 910 | |
| βλ. και <i>Αίγυπτος, Saqqara, Τάφοι</i> | |
| <i>Currency</i> | |
| 117, 364, 841, 863, 1024, 1124 | |
| | βλ. και <i>Αίγυπτος</i> |
| | βλ. και <i>Dakhla</i> |
| | 1245 |
| | βλ. και <i>Αίγυπτος</i> |
| | |
| | <i>Deir el-Medina</i> |
| | 24, 90, 164, 195, 215, 608, 609, 611, 747, 834, 852, 943, 1197, 1307, 1308, 1333 |
| | βλ. και <i>Αίγυπτος, Όστρακα</i> |
| | |
| | <i>Dilmun</i> |
| | 411, 582, 957, 1152, 1468 |
| | βλ. και <i>Μπαχρέιν, Μετρολογία</i> |
| | |
| | <i>Ebla</i> |
| | 27, 30, 31, 32, 33, 35, 36, 37, 39, 40, 41, 42, 43, 52, 54, 338, 351, 471, 1055, 1056, 1066, 1071, 1258, 1367, 1390, 1392, 1472 |
| | βλ. και <i>Συρία, Εγγύς Ανατολή, Tell Mardikh</i> |
| | |
| | <i>Elam</i> |
| | 51, 288, 308, 406, 410, 624, 1042, 1309, |
| | 1310 |
| | βλ. και <i>Πέρσες, Iράν, Zagros</i> |
| | |
| | <i>Emar</i> |
| | 91, 1463, 1480 |
| | βλ. και <i>Συρία, Εγγύς Ανατολή, Tell Meskene</i> |
| | |
| | <i>Eshnunna</i> |
| | 1434 |
| | βλ. και <i>Μεσοποταμία, Tell Asmar</i> |
| | |
| | <i>Girsu</i> |
| | 712, 804, 941 |
| | βλ. και <i>Μεσοποταμία, Tello</i> |
| | |
| | <i>Graffiti</i> |
| | 133, 1032, 1306 |
| | βλ. και <i>Σημεία</i> |
| | |
| | <i>Haremheb</i> |
| | 142 |
| | βλ. και <i>Αίγυπτος</i> |

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|---|---|
| <i>Hekanakhte</i> | <i>Kanesh</i> |
| 596 | 485, 877, 880, 992, 993, 994, 995, 1351 |
| βλ. και Αίγυπτος | βλ. και Μικρά Ασία, <i>Kültepe, Aosúrioi, Buru-shatum</i> |
| <i>Hui</i> | <i>Karahoyük</i> |
| 1070 | 1408 |
| βλ. και Αίγυπτος, <i>Táφοι</i> | βλ. και <i>Μικρά Ασία</i> |
| <i>Huy</i> | <i>Karana</i> |
| 273 | 255, 256 |
| βλ. και Αίγυπτος, <i>Táφοι</i> | βλ. και <i>Μεσοποταμία, Tell al Rimah, Mari</i> |
| <i>Ilku</i> | <i>Karataş Semayük</i> |
| 1078, 1079 | 850 |
| βλ. και <i>Oroλογία, Aγροτεμάχια</i> | βλ. και <i>Μικρά Ασία, Τουρκία</i> |
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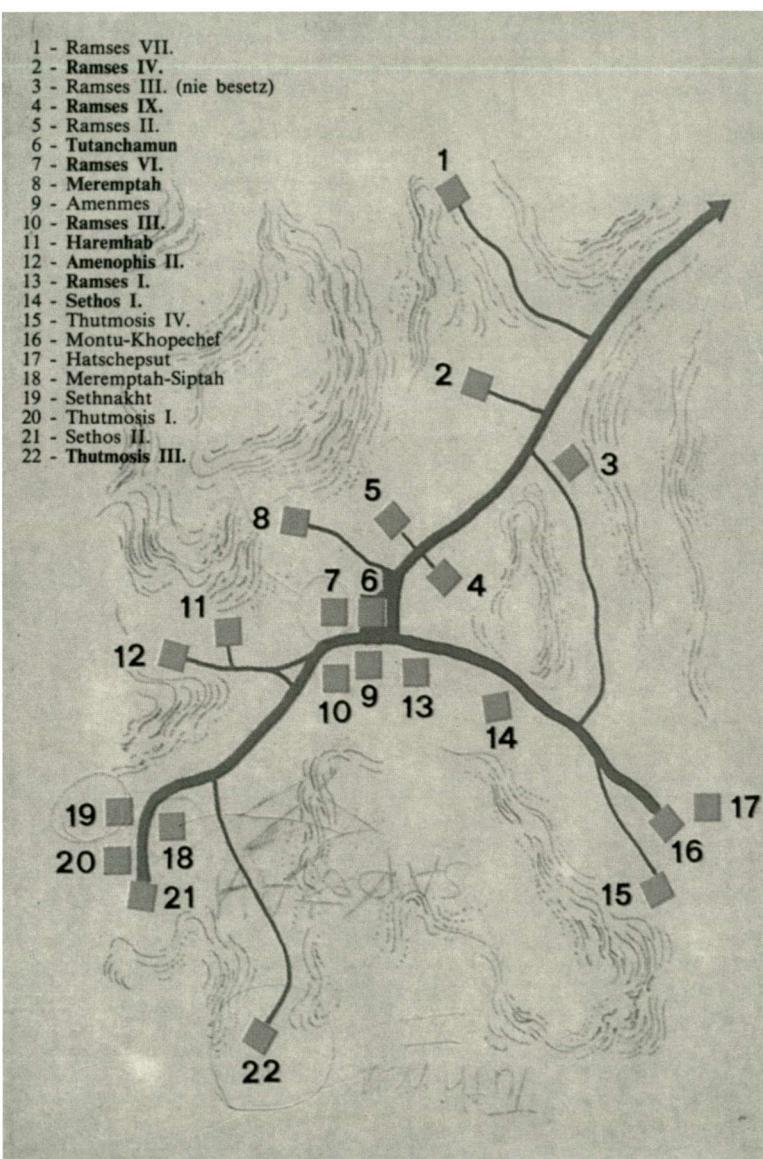
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