

NESTOR is published by the Program in Classical Archaeology
Indiana University, Bloomington, Indiana 47401, U.S.A.
Editors: T.W. Jacobsen and W.W. Rudolph ISSN 0228-2812
Volume 8:6 1542 September 1981

FROM THE EDITORS

After a year abroad, the editors are pleased to be back in Bloomington and once again "in harness". We welcome the assistance of Ms. Margaret Milhous and Mr. Constantine Gianikos of the Program in Classical Archaeology and remind you that all correspondence for the Forum section of Nestor should be addressed to Dr. Karl Petruso, Archaeological Studies Program, Boston University, 232 Bay State Road, Boston, MA 02215.

COMMUNICATIONS

A "table ronde" focusing on the transition from the Neolithic to the Bronze Age in eastern Europe was held at Sarajevo from 21-24 September. It was sponsored by the Center of Balkan Studies of the Academy of Arts and Sciences of Bosnia and Herzegovina and the Archaeological Commission of the Polish Academy of Sciences (Krakow Section). Details about the proceedings can be procured by writing the following address:

Centar za balkanološka ispitivanja Akademije nauka i
umjetnosti Bosne i Hercegovine
7100 Sarajevo
ul. 6. novembra 7

FORUM

The editors of Minos are pleased to announce that recent improvements in typesetting and printing will result in speedier production of issues of the journal (beginning with vol. 18). Manuscripts submitted before October 1, 1981 will appear in early 1982. For further information, authors may contact Professor J.L. Melena, Facultad de Filología y Letras, Universidad de La Laguna, Tenerife, Spain.

To the Editors:

Homeric πέντε 'four' and "normal Mycenaean"

Thrice in the Iliad (O 680, Ψ 171, Ω 233) and three times in the Odyssey (ε 70, π 249, X 111), Homer uses the curious word πέντε for

the usual τέσσαρες 'four'. This is an Aeolocism, showing p from the labiovelar q^u (preserved in Mycenaean qe-to-ro-) before a front vowel instead of the t of Ionic and most other Greek dialects. The iota is anomalous; Aeolic proper has πέσσαρες (Lesbian) or πέσσαρες. L.R. Palmer, in his new book The Greek Language (Humanities Press: Atlantic Highlands, 1980) attempts (p. 240) to explain this iota as a "postulated anaptyctic vowel" but on p. 290 resigns himself to labeling it "unexplained". Such scholars as Paul Wathelet and Michel Lejeune have seen in it a development of a "zero grade"- but in that case would we not expect zero, not iota?

A better approach is to link this word, showing as it does the development of e to i in the neighborhood of a labial or labiovelar with words exhibiting a similar tendency in Mycenaean Greek. Ernst Risch showed in his essay "Les différences dialectales dans le mycénien" (Cambridge Colloquium on Mycenaean Studies (Cambridge: 1966), pp. 150-157) that a great many scribes, especially at Pylos, write i for e and o for a in the neighborhood of a labial/labiovelar: a-ti-mi-te (Artimitei, dat.) vs. a-te-mi-to (Artemitos, gen.), ti-mi-t. (thimis, thimit-) vs. te-mi(-t.) (themis, themit-), pe-mo (spermo) vs. pe-ma (sperma). Scribes who make these changes retain -ei for the dative/locative, while those retaining e and o in the above words often use -i for the dative/locative. Risch has dubbed the a-ti-mi-te/pe-mo/ei-dative variant of Mycenaean mycénien normal and the other-less common at Pylos-tendency mycénien spécial. He ascribes two words in Homer and later Greek, ἴππος and ὄμιος (which both also show unetymological h's) to the influence of mycénien normal, which he regards as the language of the Mycenaean courts. For these words Mycenaean has i-qa, a-mo 'wheel' and a-ra-ro-mo-te-me-na/no 'fitted out' vel sim.

I would like to suggest that πένταρες belongs with these words as a legacy of mycénien normal, a court speech which disappeared after the fall of the palaces, while spécial became the ancestor of Arcadian and Cyprian. The why's and wherefore's of this I intend to explore in the near future and therefore invite comment from NESTOR'S readers.

Yours, &c.

Jon-Christian Billigmeier
Department of Classics
The Johns Hopkins University
Baltimore, MD 21218

Dear Sirs:

It might be interesting for your readers to know about an important new project, namely the systematic study of Bronze Age Aegean seals through standardized descriptions. Recently in Paris,

under the auspices of the Centre Nationale de la Recherche Scientifique (CNRS), an international group of 15 experts met to discuss the use of the computer in more accurately arriving at typologies for seal motifs, forms and syntactic schemes as necessary steps in a more certain chronology for the ca. 7500 known examples. Although the literature on Aegean seals has grown prodigiously since the turn of the century, suprisingly little systematic work has thus far appeared. And only since the first volumes of the Corpus of Minoan and Mycenaean Seals (CMS) appeared in the mid 1960's was a comparative and systematic treatment possible.

In 1971, called together at the home of the CMS in Marburg, Germany by its founder, Friedrich Matz, specialists discussed problems with regard to the typology, chronology, foreign relations and falsification of Aegean seals. Matz's successor as editor of the CMS, Ingo Pini, conducted a second similar symposium in 1978 which led to the Paris meeting in 1980, with its goal of discussing and implementing the normalization of the descriptions of seals so that they can be studied more effectively with the help of a computer. The results of the first two symposia are available in print.

The driving force behind the use of computers to study seals are the French scholars R. Ginovès and A.M. Guimier-Sorbets (with regard to the programming system) and H. and M. van Effenterre (for the actual typologizing of the individual motifs and syntactic schemes).

With each of the three succeeding symposia increasingly observable has been a rapid maturing in the study of Aegean seals and a clearer appreciation among students of the problems involved. Whereas the previous generation, for instance on the basis of a scanty and, in some ways, unrepresentative sampling of the material, made exaggerated claims for stylistic and typological similarities with objects from Southeast Europe and Western Asia for various purposes, we are now in a position to ask more productive questions owing to a better overview of the material.

Under the leadership of Mssrs. John Betts, Henri van Effenterre and Ingo Pini a fourth symposium is to take place in England which will address itself even more directly to the typology and programmed study of seal shapes, materials, motifs and syntactic schemes. In the meantime, individual seal experts have been assigned the preparation of the various component topics involved; for example, the nomenclature for seal materials and their colors, the typology of seal shapes, typologies for motifs such as humans, marine animals, other animals, plants, ornaments, etc. At the forthcoming meeting this "homework" will be studied, discussed and applied toward the final goal of a systematic study of Bronze Age Aegean seals.

Yours, &c., Paul Yule
DAI, Königstr. 73
53 Bonn West Germany

WORK IN PROGRESS

Ms. Silvia Damiani Indelicato has presented the thesis, "L'Urbanisme dans la Crète Minoenne", directed by Professor H. van Effenterre, at the University of Paris I (Panthéon-Sorbonne).

Mr. William C. Chrisant, Department of Classics, The University of Akron, Akron, Ohio 44325, is preparing a "Comprehensive Bibliography on the Island of Thera". Interested readers may write Mr. Chrisant for further details.

BIBLIOGRAPHY

- Baltes, M., Die Kataloge im homerischen Apollonhymnus, Philologus 125:1 (1981) 25-43. \$810534
- Beck, C.W., Minimum requirements for animal bone reports in archaeology; I.C.A.Z. Conference, Journal of Field Archaeology 8:3 (1981) 363-366. \$810535
- Betts, J.H., Corpus der minoischen und mykenischen Siegel. X. Die schweizer Sammlungen. Berlin: Gebr. Mann Verlag, 1980. (Akademie der Wissenschaften und der Literatur, Mainz). \$810536
- Reviewed by J.M. Hurwit, American Journal of Archaeology 85:3 (1981) 343-344. \$810537
- Braidwood, R.J., H. Cambel, W. Schirmer, et. al., Beginnings of village-farming communities in southeastern Turkey: Cayönü Tepesi, 1978 and 1979, Journal of Field Archaeology 8:3 (1981) 249-258. \$810538
- Burleigh, R., W.F. Libby and the development of radiocarbon dating, Antiquity 55:214 (1981) 96-98. \$810539
- Byrd, B.F., A standardized system for recording survey-project information, Journal of Field Archaeology 8:3 (1981) 381-383. \$810540
- Camera, C., Il mare nei documenti micenei, Kadmos 20:1 (1981) 26-37. \$810541
- Catling, H.W., J.F. Cherry, R.E. Jones, and J.T. Killen, The Linear B inscribed stirrup jars in west Crete, Annual of the British School at Athens 75 (1980) 49-113. \$810542
- Ceruti, M.L.F., Ceramica micenea in Sardegna (Notizia preliminare), Revista di Scienze Preistoriche 34:1-2 (1979) 242-253. \$810543

- Davaras, C., A Minoan pottery kiln at Palaikastro, Annual of the British School at Athens 75 (1980) 115-126. \$810544
- Davaras, C., Three new Linear A libation vessel fragments from Petsophas, Kadmos 20:1 (1981) 1-6. \$810545
- Duban, J.M., Les duels majeurs de l'Illiade et le langage d'Hector, Les Études Classiques 49:2 (1981) 97-124. \$810546
- Evely, R.D.G., Some manufacturing processes in a Knossian stone vase workshop, Annual of the British School at Athens 75 (1980) 127-137. \$810547
- Forsyth, P.Y., Atlantis: the making of myth. Montreal: McGill-Queens University Press or Croom Helm, London, 1980. \$810548
- Reviewed by R.F. Willetts, American Historical Review 86:3 (1981) 575-576. \$810549
- Friedrich, R., On the compositional use of similes in the Odyssey, American Journal of Philology 102:2 (1981) 120-137. \$810550
- Gardin, J.-Cl., Une archéologie théorique. Paris: Hachette, 1979. 339 p. \$810551
- Reviewed by P. Périn, Revue Historique 537 (1981) 169-172. \$810552
- Gerstenblith, P., A reassessment of the beginning of the Middle Bronze Age in Syria-Palestine, American Schools of Oriental Research, Bulletin 237 (1980) 65-84. \$810553
- Havelock, C.M., Cycladic sculpture: a prelude to Greek art?, Archaeology 34:4 (1981) 29-36. \$810554
- Heubeck, A., Zum Problem der homerischen Kunstsprache, Museum Helveticum 83:2 (1981) 65-80. \$810555
- Hoekstra, A., Epic verse before Homer. Three studies. Amsterdam: North-Holland Publishing Co., 1981. 224 p. \$810556
- Janko, R., The structure of the Homeric hymns: a study in genre, Hermes 109:1 (1981) 9-24. \$810557
- Kaiser, B., Mykenische Steingefässe und Verwandtes im Magazin zu Nauplia, Mitteilungen des Deutschen Archäologischen Instituts, Athenische Abteilung 95 (1980) 1-19. \$810558

- Kilian, K., Zur Darstellung eines Wagenrennens aus spätmykenischer Zeit, Mitteilungen des Deutschen Archäologischen Instituts, Athenische Abteilung 95 (1980) 21-31. \$810559
- Liebowitz, H., Military and feast scenes on Late Bronze Palestinian ivories, Israel Exploration Journal 30:3-4 (1980) 162-173. \$810560
- Loptson, P., Pelasgikon Argos in the catalogue of ships (681), Mnemosyne 34:1-2 (1981) 137-138. \$810561
- Maier, F.G., Alt-Paphos 1980, Antike Kunst 24 (1981) 94-96. \$810562
- Makkay, J., The Late Neolithic male statuette of Szegvár and the ancient myth of the "Separation of Heaven and Earth", Acta Antiqua 27:1-3 (1979) 1-38. \$810563
- Matthäus, H., Italien und Griechenland in der ausgehenden Bronzezeit. Studien zu einigen Formen der Metallindustrie beider Gebiete, Jahrbuch des Deutschen Archäologischen Instituts 95 (1980) 109-139. \$810564
- Matthäus, H., Zwei mykenische Bronzen in schweizer Privatbesitz, Kleine Schriften aus dem Vorgeschichtlichen Seminar Marburg, Heft 5 (1979) 1-39. \$810565
- Mellaart, J., Anatolia and the Indo-Europeans, The Journal of Indo-European Studies 9:1-2 (1981) 135-149. \$810566
- Mossé, C., La femme dans la société homérique, Klio 63:1 (1981) 149-157. \$810567
- Mountjoy, P.A., Some Early and Middle Helladic pottery from Boeotia, Annual of the British School at Athens 75 (1980) 139-150. \$810568
- Muhly, J.D., Bronze figurines and Near Eastern metalwork, Israel Exploration Journal 30:3-4 (1980) 148-161. \$810569
- Müller-Karpe, H., Einführung in die Vorgeschichte. München: C.H. Beck Verlag, 1975. \$810570
- Müller-Karpe, H., Geschichte der Steinzeit. München: C.H. Beck Verlag, 1976. \$810571
- Müller-Karpe, H., Handbuch der Vorgeschichte, Band IV: Bronzezeit. München: C.H. Beck Verlag, 1981. \$810572

- Murray, O., Early Greece. Atlantic Highlands, N.J.: Humanities Press or Harvester Press, Brighton, Sussex, 1980. (Fontana History of the Ancient World). \$810573
- Reviewed by C.G. Thomas, American Historical Review 86:2 (1981) 377-378. \$810574
- Murray, P. and C. Chang, An ethnoarchaeological study of a contemporary herder's site, Journal of Field Archaeology 8:3 (1981) 372-381. \$810575
- Mycenaean Geography. Proceedings of the Cambridge Colloquium, September 1976, J. Bintliff, ed. Cambridge, 1977, second impression, 1979. \$810576
- Reviewed by R. Bosteels, Onoma 24:1-3 (1980) 272-274. \$810577
- Nahm, W., Studien zur kypro-minoischen Schrift, Kadmos 20:1 (1981) 52-63. \$810578
- Olivier, J.-P., L. Godart and R. Laffineur, Une épingle minoenne en or avec inscription en linéaire A, Bulletin de Correspondance Hellénique 105 (1981) 3-25. \$810579
- Palaima, T.G., On the painted linear sign from a wall at Knossos, Kadmos 20:1 (1981) 79-82. \$810580
- Perpillou, J.-L., Vinealia 1. Vignes mycéniennes, homériques, historiques: permanence de formules?, Revue de Philologie 55:1 (1981) 41-55. \$810581
- Petersen, E., Auf den Spuren Homers im Axiostal, Kieler Nachrichten no. 168, 23. Juli 1981, p. 9. \$810582
- Pini, I., Kypro-ägäische Rollsiegel. Ein Beitrag zur Definition und zum Ursprung der Gruppe, Jahrbuch des Deutschen Archäologischen Instituts 95 (1980) 77-108. \$810583
- Popham, M., Cretan sites occupied between c. 1450 and 1400 B.C., Annual of the British School at Athens 75 (1980) 163-167. \$810584
- Popham, M., A Late Minoan tomb on Lower Gypsadhes, Annual of the British School at Athens 75 (1980) 169-173. \$810585
- Popham, M., H. Hatcher, and A.M. Pollard, Al Mina and Euboea, Annual of the British School at Athens 75 (1980) 151-161. \$810586
- Postletwaite, N., The continuation of the Odyssey: some formulaic evidence, Classical Philology 76:3 (1981) 177-187. \$810587

- Problèmes de la neolithisation dans certaines régions de l'Europe, Actes du Colloque International. Wrocław: Polska Akademia Nauk, 1980. (Prace Komisji Archeologicznej, 21). \$810588
- Richard, S., Toward a consensus of opinion on the end of the Early Bronze Age in Palestine-Transjordan, American Schools of Oriental Research, Bulletin 237 (1980) 5-34. \$810589
- Rutkowski, B. Arta egeeană. Bucarest: Editura Meridiane, 1980. \$810590
- Schmidt, E.G., Himmel-Meer-Erde im frühgriechischen Epos und im Alten Orient, Philologus 125:1 (1981) 1-24. \$810591
- Shaw, M.C., Sir Arthur Evans at Kommos, Expedition, The University Museum Magazine of Archaeology/Anthropology, University of Pennsylvania 23:3 (1981) 4-12. \$810592
- Shelmerdine, C.W., Nichoria in context: a major town in the Pylos kingdom, American Journal of Archaeology 85:3 (1981) 319-325. \$810593
- Singer, I., Hittites and Hattians in Anatolia at the beginning of the second millennium B.C., The Journal of Indo-European Studies 9:1-2 (1981) 119-134. \$810594
- Śliwa, J., Ed., Ancient pottery in Polish collections. Warszawa: Państwowe Wydawnictwo Naukowe, 1980. \$810595
- Snodgrass, A., Archaic Greece: the age of experiment. London: J.M. Dent and Sons, 1980. \$810596
- Reviewed by C.G. Thomas, American Historical Review 86:2 (1981) 377-378. \$810597
- Snodgrass, A.M., Towards the interpretation of the Geometric figure scenes, Mitteilungen des Deutschen Archäologischen Instituts, Athenische Abteilung 95 (1980) 51-58. \$810598
- Stech-Wheeler, T., J.D. Muhly, K.R. Maxwell-Hyslop, and R. Maddin, Iron at Taanach and early iron metallurgy in the eastern Mediterranean, American Journal of Archaeology 85:3 (1981) 245-268. \$810599
- Steiner, G., The role of the Hittites in ancient Anatolia, The Journal of Indo-European Studies 9:1-2 (1981) 150-173. \$810600

- Sullivan, W., The telltale cores, International Herald Tribune, Saturday-Sunday, September 5-6, 1981, p. 14. \$810603
- Sussman, V., A relief of a bull from the Early Bronze Age, American Schools of Oriental Research, Bulletin 238 (1980) 75-77. \$810604
- Taillardt, J., Homère, K 408, et mycénien O-DA-A₂, Revue de Philologie 55:1 (1981) 33-35. \$810605
- Todd, I.A., Excavations in the Vasilikos Valley Cyprus, 1976-1980, American Schools of Oriental Research, Newsletter 5 (1981) 8-11. \$810606
- Tvedtnes, J.A., The origin of the name "Syria", Journal of Near Eastern Studies 40:2 (1981) 139-140. \$810607
- van Soesbergen, P.G., The coming of the Dorians, Kadmos 20:1 (1981) 38-51. \$810608
- von Bülow, G., Die Welt der Thraker, Das Altertum 27:2 (1981) 102-109. \$810609
- Wace, A.J.B. and others, Excavations at Mycenae, 1939-1955 (Reprinted from the Annual of the British School at Athens, vols. 45-56). London: Thames and Hudson, 1980. (Supplementary paper no. 12, the British School of Archaeology at Athens). \$810610
- Reviewed by A.M. Snodgrass, Antiquity 55:214 (1981) 154-155. \$810611
- Wardle, K.A., Excavations at Assiros, 1975-9, Annual of the British School at Athens 75 (1980) 221-227. \$810612
- Watrous, L.V., J.D.S. Pendlebury's excavations in the Plain of Lasithi. The Iron Age sites, Annual of the British School at Athens 75 (1980) 269-283. \$810613
- Weisshaar, H.-J., Ägäische Tonanker, Mitteilungen des Deutschen Archäologischen Instituts, Athenische Abteilung 95 (1980) 33-49. \$810614
- Winn, S.M.M., Burial evidence and the Kurgan culture in eastern Anatolia c. 3000 B.C.: an interpretation, The Journal of Indo-European Studies 9:1-2 (1981) 113-118. \$810615
- Wright, J.C., Mycenaean palatial terraces, Mitteilungen des Deutschen Archäologischen Instituts, Athenische Abteilung 95 (1980) 59-86. \$810616

- Yakar, J., The Indo-Europeans and their impact on Anatolian cultural development, The Journal of Indo-European Studies 9:1-2 (1981) 94-112. \$810617
- Yule, P., Early Cretan seals: a study of chronology. Mainz am Rhein: Verlag Phillipp von Zabern, 1980. (Marburger Studien zur Vor- und Frühgeschichte, 4). \$810618

REVIEWS

- The Cambridge Encyclopedia of Archaeology (A. Sherrat, ed.), 1980. \$800674 (R.J.C. Atkinson, Antiquity 55: 214 (1981) 148-149). \$810619
- Camps, W.A., An introduction to Homer, 1980. \$800689 (J.V. Luce, Hermathena 129 (1980) 79). \$810620
- Carter, Giles F., ed., Archaeological Chemistry II, 1978. (Advances in Chemistry Series 171). \$800179 (T. Stech, American Journal of Archaeology 85:3 (1981) 341-342). \$810621
- Cartledge, P., Sparta and Lakonia: a regional history, 1300-362 B.C., 1979. (States and Cities of Ancient Greece). \$800181 (C.D. Hamilton, American Historical Review 86:2 (1981) 378-379). \$810622
- Cartledge, P., Sparta and Lakonia: a regional history, 1300-362 B.C., 1979. (States and Cities of Ancient Greece). \$800181 (M.H. Jameson, Archaeology 34:3 (1981) 74-75). \$810623
- Clader, L.L., Helen: the evolution from divine to heroic in Greek epic tradition, 1976. \$780208 (J. Bremmer, Mnemosyne 34:1-2 (1981) 148-149). \$810624
- Dickinson, O.T.P.K., The origins of Mycenaean civilisation, 1977. \$70967 (J. Raison, Revue de Philologie 55:1 (1981) 146-147). \$810625
- Hoddinott, R.F., The Thracians, 1981. (Ancient peoples and places, 98). \$810443 (Choice 18:9 (1981) 1322-1323). \$810626
- Hoddinott, R.F., The Thracians, 1981. (Ancient peoples and places, 98). \$810443 (N.K. Sandars, Antiquity 55:214 (1981) 149-150). \$810627
- Hooker, J.T., The Origin of the Linear B Script, 1979. \$790859 (Y. Duhoux, L'Antiquité Classique 49 (1980) 453-455). \$810628

- Horwitz, S., The find of a lifetime: Sir Arthur Evans and the discovery of Knossos, 1981. \$810165 (Choice 18:10 (1981) 1466). \$810629
- Kanta, A., The Late Minoan III period in Crete. A survey of sites, pottery and their distribution, 1980. (Studies in Mediterranean Archaeology 58). \$810115 (J.C. McEnroe, American Journal of Archaeology 85:3 (1981) 344-345). \$810630
- Milojčić, V., Die deutschen Ausgrabungen auf Magulen um Larisa in Thessalien 1966, 1976. \$70776 (V.S. Titov, Praehistorische Zeitschrift 55:2 (1980) 261-269). \$810631
- Nagy, G., The best of the Achaeans. Concepts of the hero in archaic Greek poetry, 1979. \$810173 (F. Solmsen, American Journal of Philology 102:1 (1981) 81-83). \$810632
- Sakellariou, M.B., Peuples préhelléniques d'origine indo-européenne, 1977. \$780488 (J. Raison, Revue de Philologie 55:1 (1981) 10-11). \$810633
- Trump, D.J., The prehistory of the Mediterranean, 1980. \$800552 (C.N. Runnels, American Journal of Archaeology 85:3 (1981) 342-343). \$810634
- Tsagarakis, O., Nature and background of major concepts of divine power in Homer, 1977. \$780841 (H. Vos, Mnemosyne 34:1-2 (1981) 146-147). \$810635
- Vermeule, E., Aspects of death in early Greek poetry and art, 1979. \$810130 (J.W. Day, American Journal of Philology 102:1 (1981) 110-113). \$810636
- Willetts, R.F., The civilization of ancient Crete, 1977. \$781023 (E. Vermeule, American Journal of Philology 102:1 (1981) 109-110). \$810637