## COMMUNICATIONS

The University of London Institute of Classical Studies announces that the Michael Ventris Memorial Award for Mycenaean Studies has been made to Mr Karl M. Petruso (Indiana University and American School of Classical Studies, Athens). Mr Petruso is working on Mycenaean balance weights. A Supplementary Award has been made to Mr J. S. Hutchinson (University of London) to help with his project of making a full-scale reconstruction of a Mycenaean dual chariot.

Nestor has been informed that there was organized on December 13, 1976 a limited partnership (of which this note is in no way to be taken as an advertisment or any other legal complication, especially since I take care to conceal their whereabouts) by the name of Nestor Partners. Nestor is further informed that the second-mentioned Nestor does indeed have specific reference to the first-mentioned Nestor, for which honor I am duly grateful.

Papers to be presented at the Meeting of the American Oriental Society, Ithaca, N.Y., 26-28 April, 1977, include: M. A. Powell, Jr., "Lingua sumerica, obiit anno..." D. Pardee, "A new Ugaritic letter (RS 32.124): historical and philological considerations." J. D. Schmidt, "Ramesses II and the Exodus." S. Levin, "Egypt as the place of origin of the Hebrews." T. L. McClellan, "Chronology of the late bronze age pottery in Palestine." D. Schmandt-Besserat, "A recording system ancestral to writing." W. I. Horwitz, "The origin of the small vertical wedge in Ugaritic." E. R. Jewell, "The Hittite political term kuriwana-." J. Puhvel, "'Basket' in Hittite." C. Carter, "The Hittite treatment of Indo-European initial \*sr- and \*wr-." H. A. Hoffner, Jr., "The Chicago Hittite Dictionary: an interim report." C. C. Forman, "The scribe as transmitter of Mesopotamian culture."

Miss P.-A. Mountjoy (British School at Athens) is carrying out a study of Mycenaean pottery from Boeotia with special reference to settlement material including that from Eutresis. She has been unable to locate the original Eutresis notebooks to which she would welcome access since the sherds are individually numbered. She would welcome any information on this subject.

## CORRESPONDENCE

To the Editor: - Food rations for men and boys. My suggestion (Nestor 1031) that the equation presented by KN Am 819 (18 men and 8 boys receiving HORD 9/7/3/-) could be solved not only in the way indicated by Chadwick (equal treatment with a monthly ration of 90 Z, involving a ratio HORD/GRA of 15:8, Nestor 1011), but also by a standard allocation of 96 Z to the men and—as in Hagia Triada—of four-fifths thereof to the boys (= 76.8 rounded off to 76 1/2), has been rejected by Duhoux (Nestor 1065, 1087) in view of the 'oddity' of the figures, the Mycenaeans having had no fraction signs in their script. As I still maintain that the Chadwick ratio cannot be substantiated, I may try to explain the reason for the alleged odd figures.

NESTOR is published monthly by the Institute for Research in the Humanities University of Wisconsin, Madison, Wisconsin 53706, U.S.A.

Editor: Emmett L. Bennett, Jr.

ISSN 0228-2812

No. 233

- 1132 -

1 May 1977

In a paper to be published in Kadmos 15:2, I will show that the Mycenaean 'medimnos' had five-sixths of the capacity of the Minoan 'medimnos' (of 120 khoinikes). Expressed in khoinikes GRA per month the HT rations were 30 - 24 - 15, whereas we have Mycenaean rations of 20 khoinikes for adults and of 10 for children, or two-thirds of the former (20 khoinikes = 48 Z). Two-thirds of the intermediate figure of 24 is 16 khoinikes GRA p/m, a simple figure in the Minoan system, but not in that of the Mycenaeans (38.4). Rationing in HORD at the rate of HORD/GRA = 2, would give for the boys—as distinct from the 'children boys and girls' of the other texts a monthly ration of 3 1/5 T or 19 1/5 V or 76 4/5 Z, and as Z was the smallest unit of measure, these amounts were awkward. However, it should have been possible to hand out one-half of a Z, for which purpose no fraction sign was needed. The difference between their due—28.8 liters, taking the khoinix at 0.9 liters, and the actual amount—28.6875 liters, was that small that the boys would not have noticed it.

Consequently, the 'oddity' may have been due to the cumulative effect of a 50 percent inflation and the introduction of a smaller unit of dry capacity. It seems not excluded that the latter at one time absorbed an earlier inflation of 20 percent. Such gradual inflationary reduction of the measures would lead to the following sizes: Minoan 120 khoinikes; 20 percent inflation: Mycenaean 100 kh; 25 percent next: 80 kh. = 72 liters (Aigina 72.74); next 25 percent: 64 kh. = 57.6 liters (Sparta 57.98, Aigina 57.65 liters); next 33 1/3 percent: 48 kh. = 43.2 liters (Athens 43.49 liters = 48 kh. of 0.906 liters, cf. Viedebandt).

Divonne les bains, France 15 February 1977 Yours, &c. Daniel A. Was

To the Editor: - In the Knossos Da-Dg series, about one third of the tablets show, in addition to the "shepherd's" name, a second man's name: for example, u-ta-jo, we-we-si-jo. These latter men have been commonly referred to as "collectors," the designation indicating that, in some way, they acted as agents for the king (M. Ventris and J. Chadwick, Documents (1956) 200-201). Professor Palmer suggested (Gnomon 29 (1957) 569ff) that these men were owners of the flocks and that the sheep on the tablets without an owner's name belonged to the king. Dr. J. T. Killen (in Studies in Greek, Italic and Indo-European Linguistics (1976) 117-125) has recently written that this suggestion is the most plausible interpretation, but Drs. L. Godart and J.-P. Olivier (in Tiryns. Forschungen und Berichte VIII (1975) 37-53) and Dr. J. Chadwick (The Mycenaean World (1976) 129-130) feel the exact role of the "collectors" still to be obscure.

One aspect of the occurrences of "collectors'" names appears not to have been discussed, that is, the case in which the names occur. I have counted these occurrences in the Da-Dg and Dv series with the following results for

names whose endings are sure: u-ta-jo 21, u-ta-jo-jo 25; we-we-si-jo 15, we-we-si-jo-jo 14; da-mi-ni-jo 10; pe-ri-qo-te-jo 12; te-ra-po-si-jo 5; a-te-jo 9; a-ka-i-jo 2; pe-ko 3; ko-ma-we-to 3. It seems to me of interest that only u-ta-jo and we-we-si-jo occur in two forms in essentially a 1:1 ratio; all the other names show only one form. Statistical tests show that the different distribution of u-ta-jo and we-we-si-jo compared with the other names has a vanishingly small probability of arising by chance. It appears, therefore, that the scribes regarded these two "collectors" differently. One explanation is that the scribes found difficulty in achieving grammatical consistency for only u-ta-jo and we-we-si-jo, but this seems unlikely. Another possibility is that all flocks were owned by the king who had, however, an agreement to allow the two "collectors" to keep half the flocks with which they were associated. The nominative forms of these "collectors'" names could then signify that the flocks were the king's whilst the genitive means that those flocks were given by the king to the "collector." If this were correct, it would also suggest that the records of all flocks were kept by the Palace so that it could ensure that u-ta-jo and we-we-si-jo received no more than their entitlements. If such a nontrivial explanation applies, further study is clearly required and some lines of enquiry suggest themselves. However, the writer would be interested to know if readers of Nestor find anything of significance in the above observations on the forms of the "collectors'" names.

1, Glenmore Close Flackwell Heath Bucks HP10 9DF, England 27 February 1977 Yours, &c. A. L. Wilson

To the Editor: - On PY Aq 64.7a an obscure word te-ra-ni-ja is written. There is no clear proposal at all for such a form, and its role in the whole entry is obscure. The entry on which te-ra-ni-ja is attested is preceded by two entries which contain a mention of place: line 5 i-te-re-wa ko-re-te "k. at Iterewa," line 6 ti-mi-ti-ja ko-re-te "k. at Ti-mi-ti-ja area" (i.e. the district in which Ti-mi-to-a-ko lies). The writer of Aq 64 seems to have been easily misled from an accurate statement of the record: one can mention in line 14 the doubling of to-to, and the same may be true of a-ke-re-se and o-a-ke-re-se in line 7a (the lack of ZE in 7a, and the occurence of two personal names in the genitive may be explained along the same lines). Therefore, it is not risky to put forward an improvement of this desperate line. I am feeling that the first a-ke-re-se was unconsciously written instead of ko-re-te, namely te-ra-ni-ja should share the status of the previous ti-mi-ti-ja. If my view is not wrong, we can improve further this form as te-\(\ta\)ra-ni-ja, i.e. the district whose inhabitants are named as te-ta-ra-ne on the tablets PY An 1.5, 610.9, cf. pa-ki-ja-ni-ja/pa-ki-ja-ne.

Madrid 12 April 1977 Yours, &c. J. Melena

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The following titles may indicate briefly some items appropriate here, which perhaps should have been noticed years ago. For details of authorship and availability this article should be consulted.

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Recordings. Atlantis, Troy (in series: World of Mythology). — Egypt and Mycenaean Cultures (in series: World History). — Women in Bronze Age Greece (in series: Lectures on Women in Antiquity). — Homer (Life and Times). — The Iliad; The Odyssey; Theseus and the Minotaur (in series: Great Legends of Ancient Greece). —

Slides. 10 slides on Mycenaean Greece; 3 x 10 slides on Crete. - And, especially, the Slide Catalogue of the Archaeological Institute of America (1970, with supplements).

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