## John Chadwick

## THE CLASSIFICATION OF THE KNOSSOS TABLETS

The first editors of the Linear B tablets realised the need for a classification which would bring together like documents. This was admirably achieved by E. L. Bennett for Pylos, but J. L. Myres kept the selection of tablets published in Scripta Minoa II in Evans's rather arbitrary order, and appended only the complicated classification of A. E. Kober. Bennett subsequently extended his Pylos system to the Knossos material, and this has been applied likewise to Mycenae.

The early classification, however, was undertaken in advance of the decipherment, and was based primarily upon the presence of ideograms. In some cases incomplete tablets could be assigned to classes on the basis of similar formulas, but a great many were left in the limbo of the X class, simply designated as unclassifiable. The decipherment changed very little in this system, but some tablets that had been separated were now seen to belong together, and the system has been slowly modified to take account of new discoveries. It is a proof of the soundness of the system that so little has needed to be changed.

One of the basic principles, however, can now be challenged. Since the classification was based upon the ideograms, a separate category (V) had to be established for tablets without ideograms, i. e. where the numeral immediately follows the syllabic text. This could occur simply because there was no accepted ideogram available; thus in the Pylos furniture tablets neither tables nor chairs are represented ideographically, though footstools are. But now that we understand better the contents of the tablets, a difficult question arises.

There are numerous V tablets which are exactly parallel to A tablets, in that they consist of a list of personal names with the numeral 1 after each, whereas the corresponding A types insert the classifiers vir or mulier before each numeral. In theory the

V type might be distinct, if they record not a number of persons, but the fact that each person possesses, has received or has contributed one of a specified object. In such cases the object would need to be named in the preamble, at least on the first tablet of a set, but all too often this is where the tablet is damaged. But in some cases it is likely that no preamble existed, and a list of names such as PY Vn 865 is very difficult to separate from lists with the ideogram VIR such as An 192.

MY V 659 is another such example, for apart from the omission of mulier, it closely parallels the structure of Au 102 , a list of men. It might seem desirable to bring these tablets together; but in view of the difficulty of distinguishing such lists of persons from lists where the persons are merely possessors, recipients or contributors, it seems best at present to retain this mechanical separation.

Thus the changes that are being made in the new edition of the Pylos Tablets (The Pylos Tablets in Transcription by E. L. Bennett and J.-P. Olivier) are minor and superficial. Sn 64 and An 218, which have long been recognised as forming a diptych, have been brought together under the new class Aq. The three tablets listing deer (cervus) have been collected in a new class (Cr). The four Eb tablets $(236,317,847,901)$ which clearly make an abstract of the series and are in a different hand have been re-classed Ed, as proposed by M. Lejeune. Xb and Xc have been abandoned, and Xn is used for all unassignable fragments which have more than one line. For the rest the classification of PT I and subsequent publications by Bennett and Miss Lang has been followed with minor modifications.

The situation with regard to the Knossos tablets is more complex, and the problem of arranging the material so as to present the most coherent grouping is extremely difficult. Whereas at Pylos the vast majority of tablets was clearly stored in the Archive Room and its Annexe, with only small groups in other parts of the buildings, at Knossos five main centres of archives can be distinguished, with still other groups scattered about the Palace. These main centres are:
(1) The North Entrance Area, hereafter referred to as the North Archive.
(2) The Western Wing, mainly consisting of tablets from the West Magazines, but also including some from the rooms between the long corridor of the magazines and the Central Court; some of these must have fallen from an upper storey, and it is not unlikely that we have here two archives which have become superimposed as the result of the destruction.
(3) The Room of the Chariot Tablets, a large and peculiar group displaying remarkable similarities of handwriting.
(4) The East Wing, where the office mainly concerned in the management of flocks of sheep seems to have been located.
(5) The Arsenal, containing, as might be expected, records of chariot-frames, wheels, and other military equipment, though the swords belong to (4).

But an arrangement of the edition based on find-spots, so far as these can be determined, would lead to inconvenient separations of tablets. For instance the chariot and wheel tablets wouldbe divided between (1) and (5) ; the women and children series ( Ak ) between (1) and (2). And in all cases there are inevitably tablets of uncertain provenance. Hence location had to be abandoned as the leading criterion of arrangement, though it has an important part to play in the scheme finally adopted.

A much more reliable criterion is the scribal hand, which we now know thanks to the excellent analysis of J.-P. Olivier (Les scribes de Cnossos, Rome 1967). Here too there are many unclassifiable fragments, but the authorship of the main classes is usually easy to see, and this criterion has the advantage of allowing a more detailed division than location. Two sets written by different hands but filed in the same office were doubtless often two separate files relating to different situations. All the same, cases occur when a single tablet by another hand obtrudes into an otherwise homogeneous set. Thus a new classification needs to reconcile the various claims and can at best be only partially successful. Fortunately many sets are easily identifiable.

A further problem is the method of presentation to be adopted in a new edition. It is my intention, with the assistance of J. T. Killen and J.-P. Olivier, to put in hand during 1970 a fourth edition of the Knossos Tablets in Transcription. Apart from the numerous joins, many improvements in readings have been made
and it seems to us important to make these available without waiting for the major edition which remains our long-term aim. Dr. Olivier has been able to work for considerable periods in Iraklion Museum, and much of the epigraphic work is his.

For the purpose of $K T^{4}$ we have drawn up a revised classification. This starts from the premise that the present system is now familiar to all scholars working in the field and ought not to be scrapped, but rather modified. Hence the new scheme is something of a compromise. The main structure of letter prefixes is retained, with some transfers of tablets from one class to another, and in particular a large reduction in the formerly unclassified residue ( X ). A few new classes have been created for special purposes. It is intended that tablet references should continue to be given in the same form, and the new edition will follow the practice of its predecessors in arranging the texts in serial order under each prefix. But to assist those who wish to study the grouping of tablets within the series, a small numeral will be added to the prefix to indicate membership of a set. Thus the Ak tablets will be designated as $\mathrm{Ak}^{1}, \mathrm{Ak}^{2}$ or $\mathrm{Ak}^{3}$ if assigned to a set; texts of the same type which cannot be assigned to sets will bear the plain Ak prefix. It has been agreed that to avoid confusion or in typescript these numerals may be shown in parentheses, thus: $\mathrm{Ak}(1)$.

In preparation for $K T^{4}$ the editors have drawn up a list of tablets arranged by sets, which is printed as part of this contribution to the Fifth International Colloquium. It must be emphasised that this is not the order in which the texts will be printed, and further modifications may become necessary as the work proceeds; but those who wish to work on this material will find it useful to have the relevant numbers for each set collected together. Brief notes are added to some sets to indicate obvious features; and in all cases the find-spot and hand, if readily ascertainable, is given according to the system used by Olivier in Les scribes de Cnossos. It should be noted that the sets regularly include tablets whose attribution to the relevant hand is doubtful; these will easily be found by reference to Olivier's list, and the same information will be repeated in the edition.

In two cases the principle of making scribal hand the main criterion has been abandoned for special reasons. All sheep tablets
classified as Da through to Df are in the same hand (117) and come from the East Archive. Yet they fall into such obviously different types that it would be unhelpful to destroy the division started by Bennett and already improved by Killen in $\kappa T^{3}$. We ought of course to remember that all sheep tablets in this hand were probably meant to make up a single set of documents. It is possible that for filing purposes they were broken down into geographical or other groups which are not now recoverable. There are thus no set numbers in this section, and the prefix Dv has been assigned to fragments of this type which cannot be further classified.

The other difficult group is that of textile tablets ( $\mathbf{L}$ ). So many scribes are involved here that classification on this basis would lead to a great number of sets, and these would obscure more important likenesses in subject matter. There is even a group with the verso inscribed in a different hand from the recto. Here therefore a division has been attempted into stock records, disbursements of wool to weavers and finished goods received from weavers. Since this is the subject of a separate communication from J. T. Killen, no more will be said on this subject here.

The treatment of tablets made up by the joining of a number of fragments requires a comment. The basic principle is that the lowest number among those involved in a join is selected as the reference for the whole text. This sometimes leads to a change of category, as for instance X 1495 joined to Da $5175+5563$; the complete tablet now becomes Da 1495. The numbers of fragments contributing to a text will be printed in the edition, but in quoting references only the first should be cited.

The following are some of the major changes. Ge has been revised to include all records of livestock in hand 124; 902 is therefore moved to the general C class, and a number of scattered tablets are assembled here. $\mathrm{C}(3)$ contains the group of tablets which list places, official titles and sus 1 . The D section has not been extensively revised, but a number of changes are due to joins. A striking feature which emerges from the division of Dk into hands 120 and 119 is that the latter group consists exclusively of tablets bearing the place name $k u$-ta-to and the associated name da-mi-ni-jo. Do is a closed group for sheep at se-to-i-ja. Here
at last is evidence for a geographical basis for the arrangement of the archive; but the majority of sets bring together sheep in many different parts of the island. Fragments dealing with sheep in hands others than 117 are now listed as D. A new series Dq has been created.

The E tablets are too mixed a group to fall easily into sets. Nor does there seem to be any point in breaking the unity of the Fh class, all in hand 141 and located in the Room of the Column Bases ( $E 1$ ), despite the fact that a few tablets are reported as coming from other parts of the Palace. 462 from the West Magazines could be a stray; but I am not sure what to make of 1056 , 1057 and 1059, which are supposed to be from the Room of the Clay Signet to the south of the Central Court ( $K 1$ ).

The Fp series can be divided into two types, answering to a difference of hand: the main group in hand 138 and found in the Room of the Clay Chest, the others in hand 222 and found in the Room of the Column Bases.

Some general reorganisation has been necessary in F and G. As far as possible without disturbing well-known series, an attempt has been made to bring the tablets dealing with spices into G, the remainder into F. Unfortunately this principle has not been followed logically at Pylos, and it seemed best in creating a new prefix for wine tablets $(840,5788)$ to select Gm , to stand with Gn at Pylos. F(1) belongs to the Room of the Chariot Tablets and lists barley and other rations. $\mathrm{F}(2)$ is perhaps not a true set, but brings together tablets from the North Archive listing various grains and fruits.

The division of the Ga series on the basis of hand leads to interesting results. $\mathrm{Ga}(1)$, hand 135, is a group of spices from the West Magazines. $\mathrm{Ga}(2)$, hand 136, lists deliveries of coriander, which is measured, and of $p o-n i-k i-j o$, which is weighed. $\mathrm{Ga}(3)$ concerns $k u$-pa-ro or ideogram $* 124$, both implying the same commodity, cyperus. $\mathrm{Ga}(4)$, hand 137, further deliveries of po-ni$k i-j o$; these are closely connected with $\mathrm{B}(2)$, sharing both the hand and the location. $\mathrm{Ga}(5)$, hand 221, lists deliveries of $k i-t a-n o$. Is it possible that these sets correspond to the different areas or different transactions by which these goods reached the Palace?

The area covered by the Gg tablets is not very large, though they lay on both sides of the major wall bounding on the east
the corridor giving access to the West Magazines. They may all have fallen from an upper storey. $\mathrm{Gg}(1)$ is in the same hand as $\mathrm{Ak}(1)$ and there may be a connexion; see below on $\operatorname{Od}(2)$.

The J class has been limited to two tablets in hand 124.693 is now reclassified as $L$, since its subject is connected with textiles, despite the ideogram aEs, and hand and find-spot connect it with, e. g., 695 and 698. The K class divides into two clear sets; hand 102 recording various vessels, and hand 224 listing buckets (situla $+U$ ): three tablets do not belong to either of these sets.

The Mc set remains largely the same apart from joins and the addition of fragments. It should, however, be noticed that despite the fact that this set is located in the Arsenal, two tablets are alleged to have been found in the East Wing. Mc 1508 (headed $d a$-*22-ti-jo) may be in some sense a duplicate of Mc 4456 ( $d a$ -*22-to), though the figures do not exactly agree. Could these be relics of another annual series of the same returns?

The Nc set was the subject of a paper by J. T. Killen (Cambridge Colloquium, pp. 33-38).

The «saffron» tablets ( Np ) divide clearly into two sets; one from the Room of the Chariot Tablets, the work of hand «124»e, the other from the North Archive in hand 134, a scribe who seems to have written nothing else. It is remarkable, but possible, that Knossos possessed an official whose sole duty was to oversee the supply and use of saffron; and perhaps this kind of organisation would explain some of the more obscure titles of officials which we find, such as o-pi-su-ko «overseer of figs?», me-ri-du-ma(-te) «superintendant of honey».

In Od there is a clear set (1) in hand 103, located in the west Magazines, and associated with $\mathrm{Ak}(1)$ and $\mathrm{Ap}(1)$, the women textile workers, $\operatorname{Am}(1)$ and $\mathrm{As}(1)$ the men textile workers, and $\mathrm{Lc}(1)$, Le, $\mathrm{Ln} 1568, \mathrm{~L}(1)$ and $\mathrm{L}(2)$, the cloth produced by them. Od (2) is an interesting small group, recording offerings of wool for Eleuthia at Amnisos, which associates with offerings of honey in $\operatorname{Gg}(1)$, as well as the textile workers of the preceding set. Dr Killen has made the interesting suggestion that these are possibly thank-offerings for child-birth, sent on behalf of the women in the textile labour force.

The nucleus of the Pp tablets (493-499) were found in such close association that it is even possible to deduce that they were
originally stored in this order, though we cannot be sure whether 493 or 499 stood first. The other three tablets which have been previously classified with them differ in many respects, and have now been banished to U . But the interpretation of Pp , found in West Magazine VIII, remains obscure, and is not much helped by the discovery that its hand is shared only with $\mathrm{Dk}(2)$ from the North Archive, the record of the ku-ta-to/da-mi-ni-jo wool-clip.

The sword tablets ( Ra ) have been divided into two sets as the result of the identification of the same ideogram in inverted position on other tablets. 1562 has been moved to $R$, since it is not clear that this ideogram is a kind of sword, though its associations suggest a weapon or tool.

The Sc series is a coherent set, now augmented by the attribution of some new fragments. It remains remarkable that here alone do we find chariots fully equipped with wheels. The chariotframes divide into Arsenal ( $\mathrm{Sd}, \mathrm{Sf}$ ) and North Archive records ( $\mathrm{Se}, \mathrm{Sg}$ ) ; Sf is further divided between hands 128 and 129. The provenance of Sk is still obscure, though it appears to be a coherent set. 789 is said to come from the North Archive, 8149 came definitely from the Arsenal area, while 8100 was found in a box marked «Little Palace». Possibly there was originally a similar distribution to the chariot-frame tablets. On the other hand the wheels appear to be all recorded in the Arsenal with the exception of So 894 and Sg 1811, which as the result of joins lists wheels as well as chariot-frames, both from the North Archive. Differences of spelling can be seen to correlate with scribal hand: e. g. o-da$k u-w e-t a$ hand 128, o-da-*87-ta hand 130, o-da-ke-we-ta hand 131. A new set Sp has been created for two tablets formerly classified as M.

778 has been moved to K , since it begins with a vessel entry, leaving two Uc tablets as a set (160, 161). In Uf three sets can be distinguished: (1) Room of the Chariot Tablets, (2) North Archive, hand 122, (3) North Archive, hand 123.

Vc can be separated into the large set from the Room of the Chariot Tablets and a small set from the West Magazines in hand 115. This scribe's activity seems to be confined to wool or cloth records, and it is tempting to assume that these isolated names and the longer lists of names in $\mathrm{V}(3)$ are persons employed in this trade. It is possible that the name of each man was recorded
on a small tablet as he made his contribution (or received his pensum), and these were then copied out on to larger tablets containing a number of names (e. g. $d a-* 83-j 0$ Vc 7517 is repeated on V 479).

A noteworthy set in the V series is $\mathrm{V}(5)$ in hand 125. This can ncw be seen to have a consistent formula (a) a feminine ethnic, $(b)$ the word $p o-t i-r o$ in the upper rogister and raised above the line, $(c)$ two men's names, each followed by the numeral 1 , the second having the suffix -qe. Since the places indicated by the ethnic adjectives are not the principal towns, several being otherwise unknown, perhaps these are groups of slave-women (cf. Pylos Aa, Ab) to which two men are allocated as supervisors; but this does not lead to any interpretation of po-ti-ro.

On the Ws tablets (sealings), see now J.-P. Olivier, Minos 9, 1968, pp. 173-183.

It seems worth while distinguishing among the unassigned fragments those in hands of the 124 type, and a new prefix Xd has been allocated to them. Similarly the fragments in hand 103 are listed as Xe. The fragments not otherwise listed or joined will be simply classified as X , and there is no point in supplying here the list of their numbers.

One interesting possibility opened up by the grouping into sets is that it may make it easier to deduce facts about the geography of Crete. The Co set already contains six place names which are elsewhere rare; of these two, $k u-d o-n i-j a$ and $a-p a-t a-w a$, are located in the far west of the island (Kydonia $=$ Khania, Aptera). Two more, wa-to and [ $0-] d u-r u-w o$, are names found on the inscribed jars from Thebes and associated by the analysis of their clay with the products of Palaikastro and Zakro respectively; both these sites are in the far east of the island. This means that si-ra-ro and $k a-t a-r a-i$ are also likely to belong to the remote parts of the island. Now the place names of $\operatorname{Lc}(1)$ are the normal type; but those of $\operatorname{Lc}(2)$ seem to fit those of the Co group: $k u$-do$n i-j a$, si-ra-ri-ja. But C 902 is a warning against seeing this as a major administrative division, since it associates five of the six Co names with others which belong to the regular list. It is perhaps permissible to speculate whether the control of Knossos over the far ends of the island was as direct as over the central areas. There
may well be more geographical information to be gleaned in this way.

A more complete understanding of the Archives is undoubtedly possible, though many problems are probably insoluble. We may be sure that the North Archive is analogous to the Archive Room at Pylos, situated similarly at the main entrance. But whereas Pylos had only minor groups of tablets outside this area, Knossos has several subsidiary archives. It is remarkable how little specialised these other archives are, though this may be an erroneous impression due to our imperfect understanding of the texts. The Room of the Chariot Tablets continues to offer a major problem, both in regard to the diversity of subjects covered and the laconic style adopted. The hypothesis of a scribal school which I advanced earlier (Studia Mycenaea, pp. 11-21) is only one suggestion, and I am willing to abandon it as soon as a better one can be found. What I will not accept is emotional pleas not to tamper with the evidence (as by C. Camera, SMEA 7, 1968, pp. 116-128); the truth will emerge from deeper understanding of the archives. In the meantime, the peculiarities I have demonstrated are enough to call for the exercise of caution in the deductions to be drawn from such evidence. Until a satisfactory explanation of these peculiarites can be given, we must continue to explore the possible explanations.

I have little doubt that research into sets, especially the connexions between sets of different classes, will lead to advances in the understanding of the archives. It is our hope that the presentation of this list of sets will enable others to contribute to that advance.

Ag C h «124» a
Man's name vir (*101) 1, optionally women and children $\begin{array}{llllll}87 & 88 & 89 & 90 & 91 & 1654\end{array}$ 7000

Ai (1) C h «124» b
Formula ends: mul nn ko-wa nn ko-wo nn
$\begin{array}{llllll}63 & 115 & 190 & 194 & 321 & 7023\end{array}$

Ai (2) I 1 h 102?, 205
MUL nn ko-wa nn ko-wo nn GRA...

| 750 | 751 | 752 | 754 | 762 | 5543 |
| ---: | ---: | ---: | ---: | ---: | ---: |
| 7014 | 7017 | 7026 | 7027 | 7883 | 7890 |
| 7952 | 7962 |  |  |  |  |

Ai (3) I 3 h 204
Women and sub-divided children, probably slaves, often with qi-ri-ja-to

| 824 | 825 | 966 | 982 | 1012 | 1036 |
| ---: | ---: | ---: | ---: | ---: | ---: |
| 1037 | 5976 | 7745 | 7867 |  |  |

Ai

| 338 | 632 | 739 | 1805 | 5849 |
| :--- | :--- | :--- | :--- | :--- |

Ak (1) F 14 h $103 \quad 2-4$ lines (divided at right)
Women and sub-divided children with abbreviated annotations

| 610 | 611 | 612 | 614 | 619 | 620 |
| ---: | ---: | ---: | ---: | ---: | ---: |
| 624 | 626 | 630 | 634 | 638 | 643 |
| 5009 | 5553 | 5604 | 5611 | 5648 | 5655 |
| 5741 | 5876 | 5884 | 5893 | 5896 | 5907 |
| 5918 | 5926 | 5940 | 5948 | 8218 | 8334 |
| 8338 | 8341 | 8441 |  |  |  |

Ak (2) F 7 (F 14?, M?) h 108 2-3 lines (divided at right) As Ak (1)

| 613 | 615 | 616 | 617 | 621 | 622 |
| ---: | ---: | ---: | ---: | ---: | ---: |
| 627 | 631 | 636 | 1807 | 2126 | 5879 |
| 7002 | 7009 | 7010 | 7012 | 7013 | 7020 |
| 7021 | 7022 | 7024 | 7028 | 7030 |  |

Ak (3) I 2,3 h 1023 lines (not divided at right only) As Ak (1)

| 780 | 781 | 782 | 783 | 784 | 828 |
| ---: | ---: | ---: | ---: | ---: | ---: |
| 830 | 7001 | 7003 | 7005 | 7007 |  |

Ak

| 640 | 6048 | 7006 | 7008 | 7015 | 7016 |
| ---: | ---: | ---: | ---: | ---: | ---: |
| 7018 | 7019 | 7031 | 7858 | 8337 | 8340 |

Am (1) F 13, 14 h 103 1-2 lines
Lists of men Cf. As (1)
$\begin{array}{llllll}568 & 597 & 600 & 601 & 2009 & 5755\end{array}$
5882
Am (2) I 3 2-3 lines
Lists of men
$\begin{array}{llll}819 & 821 & 826 & 827\end{array}$

| Ap (1) | F 14 (F 19) | h 103 | Groups of women |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 618 | 628 | 629 | 637 | 639 | 694 |
| 5748 | 5864 | 5868 |  |  |  |

## Ap

$769 \quad 5077 \quad 5547$
As (1) F 13, 14 h 103
Men and textiles (cf. Am (1))

| 566 | 602 | 603 | 604 | 605 | 607 |
| ---: | ---: | ---: | ---: | ---: | ---: |
| 608 | 609 | 625 | 645 | 5542 | 5549 |
| 5557 | 5605 | 5609 | 5719 | 5880 | 5888 |
| 5908 | 5932 | 5941 | 5944 | 5956 | 5981 |
| 6038 | 8161 | 8342 |  |  |  |

As (2) J2, J3 h 101, h 102?, h 105 Page shape
$\begin{array}{lllll}1516 & 1517 & 1518 & 1519 & 1520\end{array}$
As
$40 \quad 4493$
B (1) I 1, I 2, I 3, I 4 1-2 lines Men

| 755 | 772 | 779 | 809 | 811 | 812 |
| ---: | ---: | :---: | ---: | ---: | ---: |
| 822 | 823 | $988[+] 5761$ | 1025 | 5984 | 7034 |
| 7036 | 7037 | 7041 | 7044 |  |  |

B (2) I 3 h 137 1-2 lines Men and deliveries of spice cf. $\mathrm{Ga}(4)$ $\begin{array}{lllll}810 & 813 & 817 & 818 & 5584\end{array}$

B (3) I 3 (F 18?) h 106 po(-ku-ta)

| 808 | 814 | 815 | 816 | 985 | 5749 |
| :--- | :--- | :--- | :--- | :--- | :--- | $57527035[+] 7704 \quad 7042 \quad 7043 \quad 8006$

B (4) C h «124»
101164213

B (5) I 3 h 104 Large vir not followed by 1

| 799 | 800 | 801 | 802 | 803 | 804 |
| ---: | ---: | ---: | ---: | ---: | ---: |
| 805 | 806 | 5025 | 5026 | 5028 | 5029 |
| 5132 | 5133 | 5134 | 5172 | 5799 | 7859 |

8206
B

| 41 | 798 | 807 | 1055 | 6042 |
| :--- | :--- | :--- | :--- | :--- |

Ca I 3 Horses and asses $895 \quad 7788$

Ce C h 124 Livestock

| 50 | 59 | 61 | 76 | 113 | 139 |
| ---: | ---: | ---: | ---: | ---: | :---: |
| 144 | 152 | 156 | 162 | 163 | $283[+] 7250$ |
| 7061 | 8345 | 8346 |  |  |  |

Ch I 3 h 110 I line
Named yokes of oxen

| 896 | 897 | 898 | 899 | 900 | 972 |
| ---: | ---: | ---: | ---: | ---: | ---: |
| 1015 | 1029 | 1034 | 5724 | 5728 | 5754 |

$\begin{array}{llllll}5938 & 7047 & 7065 & 7066 & 7100 & 7937\end{array}$ 8222

Co I 3 h 107 lines $a-k o-r a-j a(-j o)$

| 903 | 904 | 906 | 907 | 909 | 910 |
| :--- | :--- | :--- | :--- | :--- | :--- | $7056 \quad 8347$

C (1) I 3 h 107 line 1 Cows
$901 \quad 989 \quad 5544 \quad 5753$
C (2) I 3 h 112 l-2 lines

|  | Sheep and goats pa-ro |  |  |  |  | (person) |
| ---: | ---: | :---: | :---: | ---: | ---: | :--- |
| 908 | 913 | 914 | 915 | 922 | 941 |  |
| 5765 | 7064 | 8225 | 8578 |  |  |  |

C (3) I 3 h 109 line
Place name(s), official, l pig.
$\begin{array}{llllll}905 & 967 & 979 & 1030 & 1039 & 7057\end{array}$
7058

| C (4) | I 3 | h 111 | Page tablets |
| :---: | :---: | :---: | :---: |
| 911 |  | 912 | $917[+] 918$ |

C

| 33 | 394 | 767 | 902 | 954 | 973 |
| ---: | ---: | ---: | ---: | ---: | ---: |
| 1044 | 1561 | 1582 | 1902 | 5089 | 5669 |
| 5734 | 5985 | 6021 | 7048 | 7054 | 7059 |
| 7060 | 7062 | 7067 | 7088 | 7515 | 7516 |

7698

Da | J | l | h 117 | Rams |  |  |
| ---: | :---: | :---: | :---: | :---: | :---: |
| 1078 | 1079 | 1080 | 1081 | 1082 | 1083 |
| 1087 | 1091 | 1098 | 1108 | 1114 | 1116 |
| 1123 | 1127 | 1132 | 1134 | 1135 | 1137 |
| 1143 | 1147 | 1156 | 1161 | 1162 | 1163 |
| 1164 | 1170 | 1172 | 1173 | 1189 | 1194 |
| 1195 | 1197 | 1202 | 1221 | 1238 | 1253 |
| 1268 | 1273 | 1275 | 1276 | 1277 | 1288 |
| 1289 | 1293 | 1299 | 1313 | 1314 | 1315 |
| 1317 | 1321 | 1323 | 1333 | 1338 | 1339 |
| 1341 | 1343 | 1350 | 1351 | 1352 | 1353 |
| 1355 | 1363 | 1365 | 1378 | 1379 | 1382 |
| 1384 | 1390 | 1392 | 1396 | 1401 | 1415 |
| 1435 | 1445 | 1461 | 1485 | 1495 | 1509 |
| 1588 | 2005 | 2027 | 5038 | 5179 | 5192 |
| 5195 | $5204[+] 5345$ | 5205 | 5214 | 5217 | 5218 |
| 5220 | 5223 | 5225 | 5234 | 5244 | 5245 |
| 5251 | 5270 | 5295 | 5308 | 5317 | 5354 |
| 5356 | 5427 | 5576 | 5709 | 6061 | 7080 |
| 7081 | 7090 | 7109 | 7165 | 7185 | 7186 |
| 7213 | 8201 | 8228 | 8355 | 8377 | 8400 |

| Db Jl | h 117 | Rams and ewes |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1097 | 1099 | 1105 | 1110 | 1115 | 1126 |
| 1140 | 1155 | 1159 | 1160 | 1165 | 1166 |
| 1168 | 1185 | 1186 | 1196 | 1198 | 1204 |
| 1208 | 1211 | 1212 | 1225 | 1227 | 1232 |
| 1236 | 1241 | 1242 | 1245 | 1246 | 1247 |
| 1250 | 1261 | 1262 | 1263 | 1265 | 1274 |

JOHN CHADWICK

| 1279 | 1282 | 1295 | 1297 | 1302 | 1304 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 1305 | 1324 | 1327 | 1329 | 1340 | 1344 |
| 1367 | 1368 | 1372 | 1373 | 1389 | 1423 |
| 1426 | 1464 | 1507 | 1610 | 2020 | 5041 |
| 5212 | 5231 | 5272 | 5274 | 5310 | 5352 |
| 5359 | 5367 | 5385 | 5390 | 5399 | 5680 |
| 5714 | 5715 | 7107 | 7108 | 7118 | 7164 |
| 7172 | 7211 | 8352 | 8360 |  |  |


| Dc | J l | h 117 | Rams with | $0, p a$ | and pe entries |  |
| ---: | ---: | :--- | :---: | :---: | :---: | :---: |
| 926 | 1117 | 1118 | 1122 | 1129 | 1130 |  |
| 1148 | 1154 | 1167 | 1203 | 1220 | 1228 |  |
| 1270 | 1298 | 1303 | 1337 | 1359 | 1364 |  |
| 1369 | 1419 | 1515 | 5030 | 5190 | 5228 |  |
| 5250 | 5392 | 5587 | 5677 | 5687 | 5771 |  |
| 7161 | 7163 | 8080 | 8354 |  |  |  |

Dd J 1 h 117 Rams and ewes with pa entries.

| 659 | 1106 | 1144 | 1149 | 1150 | 1157 |
| :--- | :--- | :--- | :--- | :--- | :--- |

$\begin{array}{llllll}1171 & 1193 & 1201 & 1207 & 1218 & 1244\end{array}$
$\begin{array}{llllll}1271 & 1281 & 1283 & 1284 & 1286 & 1291\end{array}$
$\begin{array}{llllll}1296 & 1300 & 1306 & 1342 & 1366 & 1374\end{array}$

| 1376 | 1380 | 1402 | 1425 | 1429 | 1468 |
| :--- | :--- | :--- | :--- | :--- | :--- |

$\begin{array}{llllll}1579 & 1592 & 2010 & 5012 & 5174 & 5262\end{array}$
$\begin{array}{llllll}5268 & 5344 & 5383 & 5692 & 7105 & 7106\end{array}$
7170

De J 1 h 117 Rams and ewes with o entries

| 1084 | 1109 | 1112 | 1136 | 1138 | 1141 |
| :--- | :--- | :--- | :--- | :--- | :--- |

$\begin{array}{llllll}1151 & 1152 & 1153 & 1231 & 1254 & 1260\end{array}$

| 1264 | 1269 | 1287 | 1294 | 1301 | 1307 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 1329 | 1361 | 1362 | 1371 | 1381 | 1383 |


| 1322 | 1361 | 1362 | 1371 | 1381 | 1383 |
| :--- | :--- | :--- | :--- | :--- | :--- |


| 1398 | 1409 | 1424 | 1510 | 1585 | 1618 |
| :--- | :--- | :--- | :--- | :--- | :--- |


| 1648 | 5018 | 5032 | 5336 | 5353 | 5405 |
| :--- | :--- | :--- | :--- | :--- | :--- |

$60607096 \quad 7203$

Df J l h 117 Rams and ewes with pe entries $\begin{array}{llllll}1119 & 1120 & 1121 & 1187 & 1210 & 1219\end{array}$ $\begin{array}{llllll}1222 & 1223 & 1229 & 1230 & 1233 & 1285\end{array}$



Dv | J l | h 117 | Fragments |  |  |  |
| ---: | :--- | :--- | :--- | :--- | :--- |
| 1085 | 1086 | 1100 | 1103 | 1104 | 1111 |
| 1113 | 1124 | 1125 | 1128 | 1133 | 1139 |
| 1142 | 1145 | 1146 | 1169 | 1188 | 1190 |
| 1191 | 1192 | 1199 | 1205 | 1206 | 1213 |
| 1214 | 1215 | 1216 | 1217 | 1226 | 1237 |
| 1239 | 1248 | 1249 | 1255 | 1266 | 1267 |
| 1272 | 1292 | 1308 | 1309 | 1310 | 1312 |
| 1328 | 1330 | 1331 | 1332 | 1334 | 1370 |
| 1386 | 1388 | 1394 | 1403 | 1410 | 1411 |
| 1412 | 1416 | 1417 | 1418 | 1420 | 1422 |
| 1427 | 1428 | 1430 | 1434 | 1436 | 1439 |
| 1441 | 1442 | 1443 | 1447 | 1449 | 1450 |
| 1451 | 1454 | 1457 | 1459 | 1460 | 1462 |
| 1465 | 1466 | 1470 | 1471 | 1472 | 1478 |
| 1479 | 1487 | 1490 | 1492 | 1493 | 1496 |
| 1500 | 1501 | 1502 | 1503 | 1504 | 1505 |
| 1506 | 1511 | 1601 | 1607 | 1621 | 2019 |
| 5049 | 5052 | 5054 | 5075 | 5178 | 5193 |
| 5197 | 5198 | 5200 | 5203 | 5209 | 5213 |
| 5219 | 5224 | 5232 | 5235 | 5236 | 5241 |
| 5248 | 5252 | 5253 | 5256 | 5258 | 5259 |
| 5271 | 5278 | 5279 | 5285 | 5287 | 5291 |
| 5294 | 5296 | 5297 | 5301 | 5302 | 5312 |
| 5315 | 5322 | 5328 | 5335 | 5346 | 5349 |
| 5350 | 5357 | 5368 | 5372 | 5398 | 5407 |
| 5412 | 5413 | 5414 | 5416 | 5512 | 5517 |
| 5579 | 5580 | 5593 | 5603 | 5618 | 5640 |
| 5663 | 5667 | 5675 | 5689 | 5690 | 5694 |
| 5696 | 5704 | 5735 | 5775 | 5812 | 5826 |
| 5839 | 5841 | 5843 | 5934 | 5989 | 6018 |
| 6022 | 6025 | 6045 | 6054 | 6056 | 6057 |
| 6059 | 7098 | 7124 | 7140 | 7142 | 7149 |
| 7152 | 7167 | 7176 | 7181 | 7190 | 7195 |
| 7200 | 7202 | 7223 | 7240 | 7245 | 7246 |
| 7248 | 7262 | 7267 | 7269 | 7270 | 7272 |
| 7617 | 7678 | 7690 | 7694 | 7697 | 7736 |
| 7777 | 7785 | 7863 | 7904 | 7908 | 7911 |
| 7934 | 8111 | 8151 | 8193 | 8197 | 8203 |
|  |  |  |  |  |  |

| 8232 | 8236 | 8239 | 8241 | 8278 | 8280 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 8287 | 8288 | 8289 | 8290 | 8294 | 8302 |
| 8308 | 8332 | 8356 | 8357 | 8361 | 8362 |
| 8363 | 8366 | 8367 | 8368 | 8369 | 8370 |
| 8381 | 8382 | 8383 | 8384 | 8385 | 8387 |
| 8391 | 8392 | 8394 | 8395 | 8396 | 8398 |
| 8401 | 8404 | 8405 | 8406 | 8409 | 8410 |
| 8413 | 8419 | 8420 | 8421 | 8422 | 8423 |
| 8429 | 8432 | 8433 | 8434 | 8585 | 8636 |
| 8637 | 8715 | 8716 | 8717 | 8742 |  |

D Sheep fragments other than h 117

| 411 | 747 | 1615 | 1650 | 2130 | 5094 |
| ---: | ---: | ---: | ---: | ---: | ---: |
| 5519 | 5520 | 5545 | 5810 | 5919 | 5954 |
| 7101 | 7102 | 7103 | 7122 | 7127 | 7130 |
| 7134 | 7146 | 7242 | 7243 | 7251 | 7252 |
| 7254 | 7334 | 7541 | 7727 | 8174 | 8333 |
| 8349 | 8350 |  |  |  |  |

E (1) C h《124» Wheat
$\begin{array}{llllll}71 & 132 & 165 & 288 & 8122 & 8435\end{array}$
E(2) F 14 h 103 Masc. ethnics, rations of wheat and olives $668 \quad 669 \quad 670$
E

| 36 | 749 | 777 | 842 | 843 | 845 |
| ---: | ---: | ---: | ---: | ---: | ---: |
| 846 | 847 | 848 | 849 | 850 | 971 |
| 1035 | 1569 | 1574 | 4466 | 5000 | 5556 |
| 7338 | 7339 | 7340 | 7350 | 7354 | 8040 |

Fh E 1 (odd tablets alleged to have other locations; 462 F 3; 1056, 1057, 1059 K 1) h 141 Olive oil

| 339 | 340 | 341 | 342 | 343 | 344 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 345 | 346 | 347 | 348 | 349 | 350 |
| 351 | 352 | 353 | 355 | 356 | 357 |
| 358 | 359 | 360 | 361 | 362 | 364 |
| 365 | 366 | 367 | 368 | 369 | 370 |
| 371 | 372 | 373 | 374 | 375 | 376 |
| 377 | 378 | 379 | 380 | 381 | 382 |
| 383 | 384 | 385 | 386 | 387 | 388 |

THE CLASSIFICATION OF THE KNOSSOS TABLETS

| 389 | 390 | 391 | 392 | 393 | 462 |
| ---: | ---: | ---: | ---: | ---: | ---: |
| 1056 | 1057 | 1059 | 2013 | 2014 | 5246 |
| 5337 | 5428 | 5429 | 5430 | 5431 | 5432 |
| 5434 | 5435 | 5436 | 5437 | 5440 | 5442 |
| 5443 | 5444 | 5446 | 5447 | 5449 | 5450 |
| 5451 | 5452 | 5453 | 5455 | 5456 | 5457 |
| 5458 | 5459 | 5463 | 5465 | 5466 | 5467 |
| 5468 | 5471 | 5473 | 5475 | 5476 | 5477 |
| 5479 | 5481 | 5483 | 5486 | 5487 | 5490 |
| 5493 | 5494 | 5497 | 5498 | 5501 | 5502 |
| 5503 | 5505 | 5506 | 5614 | 5722 | 5723 |
| 5970 | 6001 | 7336 | 7571 | 8297 | 8299 |
| 8436 | 8504 | 8646 |  |  |  |
| N. B. | Sub-set | 1056 | 1057 | 1059 | 7571 |

Fp (1) A (48 alleged to be C) h 138 1-3 lines, (except 1) Olive oil, usually with me-no

| 1 | 5 | 6 | 7 | 13 | 14 |
| ---: | ---: | ---: | ---: | ---: | ---: |
| 15 | 16 | 18 | 30 | 48 |  |

Fp(2) E 1 h 222 2.4 lines Perhaps closer to Fh than Fp (1) $354 \quad 363 \quad 5472 \quad 5504$
Fs A h 139 (3 has different hand) Mixed offerings

| 2 | 3 | 4 | 8 | 9 | 11 |
| ---: | ---: | ---: | ---: | ---: | ---: |
| 12 | 17 | 19 | 20 | 21 | 22 |
| 23 | 24 | 25 | 26 | 29 | 32 |

F (1) $\mathrm{C} \quad \mathrm{h}$ «124» Barley and other rations

| 51 | 153 | 157 | 193 | 5079 | 7356 |
| ---: | ---: | ---: | ---: | ---: | ---: |
| 359 | 7360 | 7362 | 7748 | 8437 |  |

$\mathbf{F}$ (2) I $3 \quad$ Various grains and fruits; probably not a true set

| 841 | 844 | 851 | 852 | 853 | 854 |
| ---: | ---: | ---: | ---: | ---: | ---: |
| 866 | 5001 | 5005 | 5043 | 7050 | 7343 |
| 7345 | 7346 | 7357 |  |  |  |

F(3) H 3
$741 \quad 8242$
F Oil (and liquids generally)
$\begin{array}{llll}452 & 726 & 7337 & 7542\end{array}$

| Ga (1) | F | 8, F | 17, | F | 18 | h 135 | $1-3$ lines, often a/b |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | ---: |
| 517 | 518 | 519 | 674 | 675 | Spices |  |  |
| 677 | 678 | 679 | 680 | 685 | 7365 |  |  |
| 7594 |  |  |  |  |  |  |  |

Ga (2) E 5 (also G 2, F 15) h 136 1-2 lines
Masc. ethnic or man's name; deliveries of ko-ri-ja-do-no (measured) and po-ni-ki-jo (weighed) [N.B. former Og tablets here] $\begin{array}{llllll}34 & 415 & 416 & 417 & 418 & 419\end{array}$

| 420 | 421 | 422 | 423 | 424 | 425 |
| :--- | :--- | :--- | :--- | :--- | :--- |


| 426 | 427 | 428 | 673 | 1335 | 7286 |
| :--- | :--- | :--- | :--- | :--- | :--- |

$\begin{array}{llllll}7367[+] 7368 & 7425 & 7426 & 7429 & 7431 & 7446\end{array}$ 8439

Ga (3) F 3 h 223 ku-pa-ro/*124 $\begin{array}{lllll}454 & 456 & 464 & 465 & 8005\end{array}$

Ga (4) I 3 h 137 Deliveries of po-ni-ki-jo (weighed) $834 \quad 992 \quad 1020 \quad 1021 \quad 1040 \quad 5736$ 8438

Ga (5) J 4 h 221 Deliveries of ki-ta-no
$\begin{array}{lllll}1530 & 1532 & 1533 & 1534 & 1535\end{array}$
1536
$5020 \quad 5021 \quad 5780$
Ga

| 461 | 738 | $953[+] 955$ | 1058 | 5088 | 5672 |
| ---: | ---: | :---: | :---: | :---: | :---: |
| 7344 | 7347 | 7358 | 7496 |  |  |

Gg (1) G 1 h 103 Offerings of honey, cf. $\mathrm{Od}(2)$. $\begin{array}{lllll}702 & 704 & 5552 & 7369 & 8053\end{array}$

Gg (2) F 18 h 135
$\begin{array}{lllll}713 & 995 & 5184 & 7371 & 7372\end{array}$
Gg (3) G 1 h 140
$705 \quad 717 \quad 5185$
Gg (4) F 7 h 220
$\begin{array}{llll}706 & 707 & 708 & 7232\end{array}$

## Gg

| 10 | 521 | 701 | 703 | 709 | 710 |
| ---: | ---: | ---: | ---: | ---: | ---: |
| 711 | 5007 | 5548 | 5637 |  |  |

$\operatorname{Gmm}_{840}$ Wine 5788

## Gv

$862 \quad 863 \quad 864$

G Spices, barley, etc.

| 760 | 820 | 5528 | 7352 | 7355 | 7364 |
| ---: | ---: | ---: | ---: | ---: | ---: |
| 7509 | 7525 |  |  |  |  |


| K (1) | I 3 | h 102 | Various vessels |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 740 |  | 829 | 872 | 873 | 875 | 877 |


| K (2) | I 4, I 5 | h 224 | Mainly 1-line sit + U |  |  |
| ---: | ---: | ---: | ---: | ---: | ---: |
| 773 | 774 | 775 | 776 | 778 | 1810 |
| 5526 | 7353 | 7363 | 8440 |  |  |

K

| 93 | 434 | 700 | 8244 |
| :--- | :--- | :--- | :--- |

Lc (1) F 10 h 103

| 525 | 526 | 527 | 528 | 529 | 530 |
| ---: | ---: | ---: | ---: | :---: | ---: |
| 531 | 532 | 533 | 534 | 535 | $536[+] 7383$ |
| 540 | 541 | 543 | 546 | 547 | 548 |
| 549 | 550 | 551 | 552 | 553 | 555 |
| 557 | 558 | 560 | 561 | 582 | 646 |
| 1580 | 5053 | 5612 | 5746 | 7285 | 7289 |
| 7318 | 7321 | 7376 | 7392 | 7394 | 7549 |
| 7901 | 8572 |  |  |  |  |

The following show certain abnormalities:

| 525 | 557 | 558 | 561 | 646 | 7549 |
| :--- | :--- | :--- | :--- | :--- | :--- |

Lc (2) F 6, F 7 h $113 / 115$ to-u-ka

| 446 | 481 | 483 | 504 | 512 | 581 |
| ---: | ---: | ---: | ---: | ---: | ---: |
| 7319 | 7377 | 7433 | 7438 |  |  |

Ld (1) F 14, F 19 h 116

| 571 | 572 | 573 | 574 | 575 | 576 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 577 | 579 | 583 | 584 | 585 | 587 |


| 591 | 595 | 598 | 599 | 649 | 656 |
| ---: | ---: | ---: | ---: | ---: | ---: |
| 5601 | 5615 | 5647 | 5845 | 5894 | 5916 |
| 5955 | 8245 |  |  |  |  |

(N.B. sub-sets: (a) 571-579, 583, 585, 649, 5601, 5647; (b) 587,598 ; (c) $584,591,5615,5845,5894,5916$, 8245).

| Ld (2) | I 2, I 3 bis | h 114 |  |  |
| :---: | :---: | :---: | :---: | :---: |
| 785 | 786 | 787 | 788 | 8192 |

Le F 14 h 103 Receipts

| 641 | 642 | 654 | 5629 | 5646 | 5903 |
| :--- | :--- | :--- | :--- | :--- | :--- |

$5930 \quad 6014$
$\operatorname{Ln}$ F 14 h 103 Large tablet 1568
$\mathbf{L}(1) \quad$ F 13, F 14 h 103 ri-ta $\begin{array}{llllll}567 & 594 & 648 & 5927 & 5949 & 8159\end{array}$

| $\mathbf{L}(2)$ | F 14 | h 103 | e-ni-qe |  |  |  |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| 593 | 647 | 5108 | 5909 | 5910 | 5924 |  |
| 5961 | 5998 |  |  |  |  |  |


| $\mathbf{L}(3)$ | $\mathrm{F} 3,(869 \mathrm{I} 3)$ | h 207 | $o-p e-r o$, tela $+P C$ |
| :---: | :---: | :---: | :---: |
| 455 | 473 | 869 | 1616 |


| $\mathbf{L}(4)$ | F 4, F 6, F 7 | h 208 | TELA + PU, KU |  |  |
| ---: | :---: | :---: | :---: | :---: | :---: |
| 475 | 480 | 484 | 489 | 515 | 516 |
| 7413 | 7415 | 7416 | 7578 |  |  |


| L (5) | F 7 | h 209 | بe-te-o |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 513 |  | 5092 | 7380 | 7393 | 7834 | 8441 |


| L (6) | F 3 | h 210 |
| :---: | :---: | :---: |
| 460 |  | 469 |


| L (7) | F 3, F 14 | h 211 |
| ---: | ---: | ---: | ---: |
| 471 | 474 | 592 |

$\mathbf{L}(8) \quad$ h 212 TELA $+K U, P U$
$1647 \quad 7404 \quad 7411$
$\mathbb{L}(9) \quad$ I 1 h 213 to-mi-ka $\begin{array}{lll}761 & 764 & 7400\end{array}$

L (10) H 2? h 214 a-ro $\mathbf{2}^{-\bullet}$ $735 \quad 7409$

L

| 104 | 178 | 192 | 433 | 470 | 491 |
| ---: | ---: | ---: | ---: | ---: | ---: |
| 501 | 514 | 520 | 523 | 564 | 565 |
| 578 | 586 | 588 | 590 | 651 | 693 |
| 695 | 698 | 758 | 759 | 771 | 868 |
| 870 | 871 | 1599 | 1649 | 2127 | 5090 |
| 5284 | 5561 | 5569 | 5582 | 5599 | 5607 |
| 5660 | 5745 | 5757 | 5805 | 5914 | 5917 |
| 5987 | 6002 | 7382 | 7387 | 7389 | 7390 |
| 7391 | 7396 | 7399 | 7401 | 7403 | 7405 |
| 7406 | 7407 | 7408 | 7410 | 7414 | 7497 |
| 7514 | 7833 | 7866 | 8058 | 8105 | 8160 |
| 8163 | 8246 | 8443 | 8503 |  |  |

Mc L (1508 and 5187 alleged to be from East wing) h 132

| 1508 | 4453 | 4454 | 4455 | 4456 | 4457 |
| :--- | :--- | :--- | :--- | :---: | ---: |
| 4459 | 4460 | 4461 | 4462 | 4463 | $4464[+] 8305$ |
| 5107 | 5118 | 5187 | 5809 | 5818 | 5820 |
| 8447 | 8448 | 8452 | 8705 | 8708 |  |

M(1) F 10, F 18, G 1, G 3 h 103 Wool and * 146

| 559 | 683 | 720 | 729 | 1645 |
| :--- | :--- | :--- | :--- | :--- |

M

| 467 | 719 | 724 | 729 | 757 | 7373 |
| :--- | :--- | :--- | :--- | :--- | :--- |

8170

| Nc L | h 133 | Weighed quantities, some with $S A$ |  |  |  |
| ---: | ---: | :---: | :---: | :---: | :---: |
| 4470 | 4473 | 4474 | 4475 | 4479 | 4480 |
| 4484 | 4485 | 4488 | 4489 | 4490 | 5100 |
| 5103 | 5109 | 5110 | 5112 | 5117 | 5120 |
| 5121 | 5122 | 5126 | 5128 | 5129 | 5130 |
| 5772 | 5787 | 8106 | 8144 | 8145 | 8146 |
| 8172 | 8173 | 8175 | 8176 | 8181 | 8183 |
| 8186 | 8187 | 8188 | 8276 | 8300 | 8309 |
| 8313 | 8315 | 8317 | 8318 | 8453 | 8454 |
| 8455 | 8456 | 8586 | 8728 |  |  |


| $\mathbf{N p}(1)$ | C | $\mathrm{h}<124 » e$ | Saffron |  |  |  |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| 85 | 267 | 268 | 269 | 270 | 271 |  |
| 272 | 273 | 274 | 276 | 277 | 278 |  |
| 286 | 5013 | 7422 | 7423 | 7424 | 7441 |  |
| 7445 | 7508 | 7923 | 7967 | 8059 | 8123 |  |
| 8458 | 8459 | 8462 |  |  |  |  |


| Np (2) | I 3 | h 134 | Saffron |  |  |  |
| ---: | :---: | :---: | :---: | ---: | ---: | ---: |
| 855 | 856 | 857 | 858 | 859 | 860 |  |
| 861 | 1000 | 5002 | 5008 | 5725 | 5945 |  |
| 5980 | 5982 | 7417 | 7418 | 7420 | 7421 |  |
| 7439 | 7442 | 7447 | 8003 | 8249 | 8457 |  |

${ }^{\mathbf{N p}}{ }_{2138}$
Oa $\left.\begin{array}{cccc}\text { H 1 } & \text { Ingots } & & \\ 730 & 731 & 732 & 733 \\ 1808 & 7374 & & \\ & & & 734 \\ \hline\end{array}\right) .878$

| Od (1) | F 8, F 9, F 10, F 11, F 13, F 14, F 18, F 19 | h 103 | Wool |  |  |
| :---: | :---: | :---: | :---: | :---: | ---: |
| 539 | 562 | 563 | 570 | 667 | 681 |
| 682 | 687 | 688 | 689 | 690 | 696 |
| 5511 | 5966 | 7309 | 7310 | 7324 |  |

Od (2) G $1 \quad$ h $103 \quad e-r e-u-t i-j a$

Od (3) B 1?, K 1 ? Lana $P E$
10621063
Od

| 485 | 486 | 487 | 502 | 666 | 765 |
| ---: | ---: | ---: | ---: | ---: | ---: |
| 2026 | 5003 | 5082 | 5558 | 5620 | 5711 |
| 5758 | 5846 | 7298 | 7302 | 7305 | 7307 |
| 7312 | 7317 | 7326 | 7388 | 7779 | 7927 |
| 8202 | 8465 | 8722 |  |  |  |

Og (1) Ci h 124 Weighed quantities $\begin{array}{lllll}180 & 1804 & 5095 & 7432 & 8038\end{array}$


| 7467 | 7468 | 7469 | 7470 | 7471 | 7473 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 7474 | 7475 | 7476 | 7478 | 7479 | 7480 |
| 7481 | 7483 | 7772 | 7782 | 7798 | 7821 |
| 7849 | 7882 | 7889 | 8081 | 8124 | 8125 |
| 8253 | 8271 | 8467 | 8468 | 8469 | 8470 |
| 8471 | 8472 | 8474 | 8475 | 8476 | 8478 |
| 8479 | 8480 | 8481 | 8482 | 8483 | 8723 |

Sd L h 128 Chariots

| 4401 | 4402 | 4403 | 4404 | 4405 | 4406 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 4407 | 4408 | 4409 | 4412 | 4413 | 4415 |
| 4416 | 4422 | 4450 | 4468 | 5091 | 8544 |

Se I 3 h 127

| 879 | 880 | 881 | 882 | 883 | 890 |
| ---: | ---: | ---: | ---: | ---: | ---: |
| 891 | 892 | 893 | 965 | 1007 | 1048 |
| 5729 | 7449 | 7920 | 8477 |  |  |

Sf (1) L h $128 \quad$ Chariot-frames

Sf (2) L h 129 Chariot-frames

| 4418 | 4419 | 4420 | 4424 | 4425 | 4426 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 4465 | 4491 | 5106 |  |  |  |

Sf
$7450 \quad 7451 \quad 7723$
Sg I 3 Chariot-frames (as Sf , but from N. Entrance area). $\begin{array}{llllll}884 & 885 & 886 & 887 & 888 & 889\end{array}$ 18118484

Sk I 2 (789) or L (8149)? h 206 (not 7751) Armour $\begin{array}{llllll}789 & 5670 & 7751 & 8100 & 8149 & 8254\end{array}$

So (1) L h 130 Wheels (o-da-*87-ta)

| 4429 | 4430 | 4432 | 4436 | 4437 | 4440 |
| :--- | :--- | :--- | :--- | :--- | :--- |

$4441 \quad 4448 \quad 4449$
So (2) L h 131 Wheels (o-da-ke-we-ta)
$4431 \quad 4433 \quad 4434 \quad 4438 \quad 4439 \quad 4442$ 4443 . 44454446

| So |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 894 |  | 1053 | 4435 | 4447 | 5789 | 8251 |
| Sp L |  |  |  |  |  |  |
| 4451 |  | 4452 |  |  |  |  |
| Uc C |  | h 124 |  |  |  |  |
| 160 |  | 161 |  |  |  |  |
| Uf (1) | C | h «124» | 1 line | DA, PA |  |  |
| 79 |  | 120 | 121 | 198 | 311 | 7488 |
| 7489 |  | 7490 | 7491 | 7492 | 7493 | 7494 |
| 7495 |  | 8141 | 8486 |  |  |  |
| Uf (2) | I 3 | h 122 | DA, PA |  |  |  |
| 836 |  | 837 | 838 | 839 | 980 | 990 |
| 1023 |  | 5721 | 5973 | 7486 | 7487 |  |
| Uf (3) | I 3 | h 123 | DA, PA |  |  |  |
| 835 |  | 970 | 981 | 983 | 987 | 991 |
| 1011 |  | 1022 | 1031 | 1038 |  |  |
| Uf |  |  |  |  |  |  |
| 432 |  | 1522 | 5726 | 8485 |  |  |
| $\mathbf{U}(1)$ | C | h <124» | 1-line | Obscure | Ideograms |  |
| 49 |  | 95 | 96 | 109 | 124 | 172 |
| 7507 |  |  |  |  |  |  |
| $\mathbf{U}$ |  |  |  |  |  |  |
| 436 |  | 437 | 736 | 746 | 797 | 876 |
| 1812 |  | 1813 | 4478 | 5186 | 5592 | 5653 |
| 5717 |  | 7063 | 7501 | 7505 | 8210 |  |
| Vc (1) | C | h «124» | 1-line |  |  |  |
| 53 |  | 54 | 55 | 64 | 65 | 66 |
| 67 |  | 68 | 72 | 73 | 74 | 81 |
| 102 |  | 106 | 108 | 125 | 126 | 129 |
| 171 |  | 173 | 174 | 175 | 176 | 181 |
| 183 |  | 184 | 185 | 188 | 195 | 199 |
| 201 |  | 203 | 205 | 206 | 208 | 211 |
| 212 |  | 215 | 285 | 290 | 291 | 293 |

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| 5665 | 5697 | 5822 | 5824 | 5830 | 5831 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 5835 | 5836 | 5837 | 5857 | 5858 | 5860 |
| 6058 | 7139 | 7713 | 7907 | 8207 | 8488 |
| 8489 | 8490 | 8491 | 8492 | 8711 |  |
| Ws |  |  |  |  |  |
| 1701 | 1703 | 1704 | 1705 | 1707 | 1708 |
| 8152 | 8153 | 8493 | 8494 | 8495 | 8496 |
| 8497 | 8498 | 8499 | 8500 | 8712 | 8713 |
| 8752 | 8753 | 8754 |  |  |  |
| Xd C | h 124 |  |  |  |  |
| 58 | 70 | 75 | 78 | 80 | 82 |
| 83 | 84 | 86 | 92 | 94 | 97 |
| 98 | 99 | 100 | 105 | 107 | 110 |
| 111 | 112 | 116 | 119 | 122 | 123 |
| 127 | 130 | 131 | 133 | 140 | 141 |
| 142 | 143 | 146 | 148 | 149 | 154 |
| 166 | 167 | 168 | 169 | 170 | 177 |
| 179 | 182 | 186 | 189 | 191 | 197 |
| 200 | 202 | 204 | 207 | 209 | 214 |
| 216 | 282 | 287 | 289 | 292 | 294 |
| 296 | 297 | 298 | 299 | 300 | 301 |
| 302 | 304 | 305 | 306 | 307 | 308 |
| 309 | 310 | 313 | 314 | 318 | 319 |
| 320 | 322 | 323 | 324 | 325 | 326 |
| 327 | 328 | 329 | 330 | 331 | 332 |
| 333 | 334 | 335 | 336 | 5074 | 5097 |
| 5838 | 5969 | 7545 | 7547 | 7555 | 7558 |
| 7568 | 7570 | 7586 | 7588 | 7590 | 7595 |
| 7596 | 7597 | 7598 | 7604 | 7606 | 7607 |
| 7609 | 7610 | 7614 | 7615 | 7616 | 7634 |
| 7640 | 7646 | 7648 | 7649 | 7651 | 7654 |
| 7656 | 7658 | 7662 | 7663 | 7664 | 7665 |
| 7667 | 7674 | 7675 | 7676 | 7680 | 7701 |
| 7702 | 7726 | 7733 | 7756 | 7757 | 7761 |
| 7766 | 7780 | 7783 | 7790 | 7802 | 7807 |
| 7808 | 7809 | 7811 | 7813 | 7838 | 7840 |
| 7841 | 7842 | 7906 | 7913 | 7914 | 7933 |
| 7941 | 7943 | 7945 | 7948 | 7949 | 7954 |


| 7956 | 7961 | 7968 | 7970 | 7974 | 7975 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 7978 | 7982 | 7983 | 7986 | 8012 | 8021 |
| 8030 | 8032 | 8034 | 8037 | 8054 | 8056 |
| 8060 | 8061 | 8062 | 8082 | 8127 | 8128 |
| 8129 | 8130 | 8132 | 8134 | 8135 | 8137 |
| 8138 | 8139 | 8279 | 8501 | 8505 | 8508 |
| 8510 | 8511 | 8525 | 8553 | 8566 | 8583 |
| 8594 | 8596 | 8597 | 8605 | 8635 | 8640 |
| 8643 | 8653 | 8732 | 8734 | 8748 |  |

Xe h 103

| 524 | 537 | 544 | 657 | 664 | 691 |
| ---: | ---: | ---: | ---: | ---: | ---: |
| 692 | 5361 | 5540 | 5546 | 5600 | 5630 |
| 5877 | 5887 | 5891 | 5899 | 5900 | 5905 |
| 5913 | 6011 | 6020 | 6026 | 7437 | 7711 |
| 7805 | 7826 | 7850 | 7857 | 7988 | 8260 |
| 8274 | 8291 | 8516 | 8526 | 8537 | 8546 |
| 8563 | 8592 | 8593 | 8598 | 8622 | 8724 |

## DISCUSSION

Prof. Risch acted as Chairman.
Dr Chadwick introduced his report on «The classification of the Knossos tablets".

Prof. Risch opened the discussion.
Killen.-I should like to report the identification of an ideogram on KN 984. This is listed by Chadwick as a Se (chariot) tablet, mainly because of its hand: it is by scribe no. 127, who was also responsible for Se 879, etc. A few days ago, however, I had the opportunity of looking at the tablet again in the Iraklion Museum. There is in fact an ideogram visible at the end of line 2: a curved upper section, and some further traces below this. There is not, I think, much doubt what the sign is: it is the sword ideogram (*233) in the inverted form, with the hilt at the top of the sign rather than at the bottom, that one finds elsewhere on KN 7498. So it looks as if 984 is a record of swords bound $a$ ) with ivory (1), and b) with horn (2), though the form $k e-r a$ is obviouly difficult. And we can probably go on and form a new class of sword tablets around 984: 1028 looks as if it belongs to the same set, as also does 7498: with de-de-me-na on 984.1, 2 compare ]me-na on 7498.2.

Morpurgo Davies.-Most of us who are not involved in direct epigraphical work find it somewhat difficult to follow what has happened. Would it be possible to have it in some circulated sheet? I would think that Nestor is the obvious place. May I suggest that it include a section dedicated regularly to new epigraphical findings such as new inscriptions, new articles concerned with joins, new classifications, etc., so that we could be certain that we have a regular collection of facts known to us, regularly published in the same place, without having to depend on offprints sent to us by the editors or on other pieces of information we can gather.

Bennett.-I am quite willing to do this. So, if any information comes to me, I shall be very happy to include it in Nestor.

Lejeune.-Pour Cnossos, le système de classification avec lequel nous travaillons, comporte des groupes de tablettes, généralement hétérogènes qui sont étiquetés d'une seule lettre (par exemple, les tablettes $L$, les tablettes $F$ ). Ce sont des groupes qu'on n'a pas réussi à différencier, ou bien des groupes résiduels, c'est à dire, des documents qui pour des raisons diverses sont difficilement classables, une fois qu'on a distingué une ou plusieurs séries de deux lettres avec la même initiale. En somme, c'est une sorte de «tiroir de divers», qui n'existe que dans la tradition épigraphique de Cnossos, mais qui est très commode. Dans le travail qui nous est proposé ici, il apparaît par exemple, qu'on a travaillé dans le «tiroir de divers» L , et on y a reconnu une dizaine de «sets», mais il y a toujours un résidu de tablettes $L$ qui échappent à ces classifications plus fines. Je rappelle alors le principe, énoncé par Chadwick, qu'on doit éviter, autant que possible, de créer de nouvelles séries quand ce n'est pas absolument nécessaire, et en particulier, éviter de créer une nouvelle série pour une tablette unique; et ma question est celle-ci: quelle difficulté y avait-il à laisser, par exemple, la tablette 1568 dans le «tiroir» L? Est-ce que ce document est assez extraordinaire, par ses dimensions ou pour d'autres raisons, pour ne pas demeurer dans la classe $L$ non différenciée?

Chadwick.-Inevitably, where we have the single letter prefix, there is, as Lejeune says, a miscellaneous classification. There are a number of reasons for which a tablet may be contributing less information (indistinct ideogram; ideogram preserved on the top only, so that we cannot tell which type it is; ideogram of an unusual type, etc.). In some cases it is even doubtful whether it should be classified, for instance, under $L$ at all. We are fully aware that in classifying the Knossos tablets we may have taken a lot of wrong decisions. As for Ln 1568, I think it is the only case where we have created a new prefix for one tablet, because it is
an important and extraordinary one. One could go on dividing and subdividing, and so we would end with some hundreds of possible classifications, which would be useless. We have to find a balance between the extremes in order to get the maximum of information from the tablets.

Olivier.-Je suis entièrement de l'avis de Chadwick quand il remarque qu'il ne faut pas subdiviser à tort et à travers. Il reste le problème de la classification dans la série D de Cnossos, dans laquelle l'application du principe des «sets» (qui est de remettre les archives dans l'état originel où elles étaient) devrait viser à établir non pas s'il y a des moutons qui manquent ou s'il y a des moutons du type pa, etc., mais où étaient ces moutons et, éventuellement, s'il y avait un collecteur ou pas. Alors je me demande si on ne pourrait pas, dans un but de simplification, regrouper par localités les tablettes du scribe 117 de la série D, avec, en appendice, tous les morceaux où il n'y a pas de localité ou où le nom de la localité n'est pas certain et où l'information primordiale n'existe pas.

Bennett.-The first point I would like to make is that the classification was made before the decipherment. The principal clues were to be found in the ideograms and in their combinations, and secondary clues came from the words which now are often justly used as the principal clues. Many anomalies in the present classification result from this, and can gradually be removed as the interpretation of the text proceeds. As for the several cases in which a unique class is assigned to a single document, Miss Kober's classification, from which the classification of the Knossos tablets began, had many more such unique classes, and it was felt to be a great improvement that so few were left as were eventually accepted. In general the justification for assigning a unique class to a single document was first, that it was unique, and second, that it was of sufficient length and clarity that some pattern could be seen in it, which might be recognized if another such document should turn up. Incomplete and unclear texts regularly were put in the miscellaneous classes.

A second point is that any classification is necessarily arbitrary and probably is poorly representative of the way the scribes themselves would have classified and filed the tablets in their archives. The best classification then is one in the tradition of the original classification. The indication of hands, of find-spots, of sets within larger classes is valuable, but can be accommodated within the classification only by the uneconomical assignment of several layers of classes, genera, and species. It would be a great advantage and preventive of confusion if as much of the original system as possible could be retained, with modifications for the re-inter-
pretation of original texts, and expansion to take care of new texts, and I would classify the tablets in this way for publication.

Lejeune.-Je crains qu'il soit difficile de baser finalement une classification sur les intentions des bureaux de scribes. C'est un objectif souvent trop ambitieux pour nous. Dans la classification traditionnelle, on a procédé empiriquement selon qu'il y avait tels idéogrammes avec tel ou tel déterminatif. Il est vrai que les tablettes peuvent être brisées à droite, et dans ce cas on n'est jamais sûr d'avoir tous les idéogrammes de la tablette. Mais est-ce que cela vaut la peine de tout refaire? On a constaté dans $K T^{3}$ que les tablettes de moutons avaient été rebrassées par les soins de Killen et d'autres, et qu'elles se trouvaient classées différemment. J'avoue que je ne serais pas très partisan qu'on rebrouille à nouveau toutes les cartes pour les redistribuer, sans être absolument sûr d'avoir trouvé la solution idéale. Je suis plutôt conservateur et je trouve qu'il vaut mieux conserver une formule, même imparfaite, à laquelle on commence à s'habituer. Ceci dit, je pense cependant qu'Olivier peut avoir raison sur l'importance des toponymes dans les tablettes de moutons.

Olivier.-Il est très probable que garder l'ancienne classification de la série $D$ de Cnossos est en contradiction avec le reste de la classification faite par le «Cambridge team». C'est le seul endroit où on ne reconstituerait pas les boîtes d'archives. On peut garder les anciens préfixes, mais ils changeront toujours et ils ne vont pas s'arrêter de changer. Il y a encore 200 raccords à faire dans la série D -Godart s'est mis à la tâche- et la classification va encore changer beaucoup. Si on appelait tout D , sans plus, et qu'on les classait par toponymes, elle ne changerait plus.

Godart.-Lorsque l'on classe les tablettes du scribe 117 par localités, on constate que tous les documents concernant un endroit déterminé ( $k u$-ta-to, tu-ni-ja ou pa-i-to, par exemple) présentent les mêmes particularités physiques (même argile, même stylet qui servit à en graver le texte). Cela pourrait signifier que les documents traitant d'une même localité ont été gravés à la même date et qu'ainsi le scribe, lui-même, classait ses tablettes par localités.

Chadwick.-I am quite sure that we could make three or four different classifications of the D-tablets (by the scribal hand, by the place name, by the appearance of the tablet, whether it is black or not, by comparison with the other tablets). I do not think that my solution is the ideal one. In fact, there will be always an objection. I do not quite agree with the suggestion that we should put all the tablets from scribe 117 in one single class.

It would be a very large one and there would not be any value in doing so. Until we are able to put ourselves back into the scribe's mind, we shall never know which would be the right solution to this problem. Whatever we might do, must be always a compromise.

Bennett.-The first classification was indeed a classification by location.

