L2/05-313

CATALOGUE OF THE EGYPTIAN HIEROGLYPHIC PRINTING TYPE

FROM MATRICES OWNED AND CONTROLLED BY DR. ALAN H. GARDINER

IN TWO SIZES
18 POINT: 12 POINT
WITH INTERMEDIATE
FORMS

OXFORD AT THE UNIVERSITY PRESS 1928

PREFACE

THE FORMS are mainly derived from Eighteenth Dynasty originals copied in the tombs of Thebes by Mr. and Mrs. de Garis Davies. The matrices have been cut by Mr. W. J. Bilton of Messrs. Bannerman & Son, Ltd., with whom they are deposited by Dr. Alan H. Gardiner, their owner and editor. The type for this catalogue has been cast, composed, arranged, and printed at the University Press, Oxford.

CONTENTS

| INTRODUCTION | pages 9–12 |
|---|------------|
| THE EGYPTIAN ALPHABET | 13 |
| SAMPLES OF HIEROGLYPHIC PRINTING | 13 |
| THE CATALOGUE: | |
| SECTION | |
| A Man and his Occupations | 17–18 |
| B Woman and her Occupations | 19 |
| C Anthropomorphic Deities | 19 |
| D Parts of the Human Body | 20-21 |
| E Mammals | 22 |
| F Parts of Mammals | 23-24 |
| G Birds | 25-26 |
| H Parts of Birds | 27 |
| I Amphibious Animals, Reptiles, &c. | 27 |
| K Fishes and Parts of Fishes | 28 |
| L Invertebrata and Lesser Animals | 28 |
| M Trees and Plants | 29-30 |
| N Sky, Earth, Water | 31 |
| O Buildings, Parts of Buildings, &c. | 32-33 |
| P Ships and Parts of Ships | 34 |
| Q Domestic and Funerary Furniture | 34 |
| R Temple Furniture and Sacred Emblems | 35 |
| S Crowns, Dress, Staves, &c. | 36 |
| T Warfare, Hunting, Butchery | 37 |
| U Agriculture, Crafts, and Professions | 38 |
| V Rope, Fibre, Baskets, Bags, &c. | 39 |
| W Vessels of Stone and Earthenware | 40 |
| X Loaves and Cakes | 41 |
| Y Writings, Games, Music | 41 |
| Z Strokes, Signs derived from Hieratic, Geometrical Figures | 42 |
| Aa Unclassified | 43 |
| Bb Erasure Signs | 44 |
| Cc A Selection of Signs grouped according to Shape | 44 |
| Dd Symbols used in transcribing Hieroglyphic Words | 44 |
| Ee Superseded Sorts | 45 |
| | Г. 3 |

INTRODUCTION

The genesis of the present fount of Egyptian hieroglyphs is explained in the following extracts from the Preface to the earlier and far less complete Synopsis issued in December 1925:

'The hieroglyphs contained in this synopsis were primarily designed for use in the present writer's Egyptian Grammar, shortly to be issued by the Clarendon Press, but it is hoped that the new fount, the result of an amount of labour and research which few would accurately gauge, may come to be widely used by students of Egyptian philology. The services rendered by the Theinhardt fount, of which the catalogue, with a preface by Richard Lepsius, was published at Berlin in 1875, have been inestimable; but in two important respects, namely the size and the degree of palaeographical accuracy, the new Bannerman fount claims to possess important superior advantages. Take any book in which the Theinhardt hieroglyphs and European type are used side by side; so disproportionate are these to one another that unsightly blank spaces necessarily occur whenever two lines succeed one another with adjacent hieroglyphs. This defect could only be obviated by the employment of hieroglyphic type on the same-sized bodies as the romans chosen for use alongside them, as is the case with our new fount. Then again, the Theinhardt fount was avowedly based upon Twenty-sixth Dynasty originals. At the present day it is rightly felt that in printing Egyptian texts a less debased series of forms ought to be available, and the Eighteenth Dynasty tombs of Thebes seemed to offer the best and richest materials. The drawings for the matrices are the work of Mr. and Mrs. de Garis Davies, whose names are by-words for accuracy and skill in draughtsmanship. With unwearying perseverance they have sought for good originals amid the Theban necropolis, and it is upon these that, with few exceptions, the new types have been modelled. It is not to be denied that in a few cases, like the striking man, the frog, and the head-rest, other sources, or even the memory, have had to be depended upon, but such instances are fortunately few, and, on the whole, the forms shown in our type can be conscientiously recommended to the student as exact reproductions of Eighteenth Dynasty originals, modified only to that small extent which reduction to a small size rendered imperative. Should the new fount receive the welcome which is expected, we shall seek to supplement it from time to time by the addition of new signs; for the moment the 630 and more separate sorts will serve all ordinary needs.

'My indebtedness to my collaborators in this task is enormous. Without the help vouchsafed by Mr. and Mrs. de Garis Davies it could not have been accomplished at all; indeed, my own functions have been simply those of general supervision, criticism, and, I fear, an importunate exaction of the time and skill of others. Messrs. Bannerman have dealt with the undertaking in a spirit quite different from that of mere commercial enterprise, and the skill and care exerted by their very able assistant Mr. W. J. Bilton have been altogether beyond praise. Obviously it lay in the hands of the craftsman who was actually to cut the matrices whether these should turn out a success or not, and Mr. Bilton has never been content with anything short of perfection, so far as his models enabled him to achieve it.'

The Synopsis from which the above extracts are derived exhibited only those sorts which were to be used when printing in 12-point (pica). That size of type is, however, desirable

only in books where hieroglyphs are being employed amidst European characters, as in grammatical or lexicographic treatises, in commentaries on Egyptian texts and the like. For the publication of hieroglyphic texts a larger size seems likely to prove less fatiguing to the eyes, and for this reason all the sorts have been cut in 18-point (3-line nonpareil) as well. The present Catalogue comprises all the matrices, both 18-point and 12-point, comprised in the fount down to the end of 1927. It is proposed to send out lists of additional matrices at the beginning of every year to all printing firms and institutions that have acquired the right to use the fount, so that they may be able to purchase type cast in these matrices from Messrs. Bannerman & Son, Ltd., with whom the matrices are deposited by Dr. Alan H. Gardiner, their owner. Printers who have Egyptological manuscripts to print are advised to examine them early so as to find out what additional sorts will be required. If these represent signs of sufficient frequency to justify the cutting of special matrices, a list of desiderata should be sent to Dr. Gardiner at 9 Lansdowne Road, London, W. 11, together with such drawings or other information as may be available. Every effort will then be made to adapt the drawings, or to produce new ones, so as to meet special requirements, and since the additional matrices will go to enrich the fount as a whole, their cost will be borne by its owner. It must be made clear, however, that the production of new matrices, involving research into the most suitable forms, &c., demands considerable time, so that the longest possible period should be allowed to the editor and to Messrs. Bannerman by the printer who prefers the request.

The various sizes contained in the following Catalogue are arranged so that those marked a are the normal full size to be used when printing in 18-point, and c the normal full size to be used when printing in 12-point.

Examples: $\$ V 28, a in $\$ \odot $\$; $\$ V 28, c in $\$ \odot $\$

The sorts marked c are in all cases two-thirds the size of those marked a, in accordance with the general relation of 12-point to 18-point. The c-size as a rule provides a satisfactory smaller size to be employed in 18-point when building up is necessary.

Example: | V 28, c in | | | | |

It sometimes happens, however, that a size intermediate between a and c is required for 18-point printing, and a size intermediate between c and e for 12-point printing. Such intermediate sizes are labelled b and d respectively, and always agree in their proportions; in the majority of cases b is three-quarters size of a, and d three-quarters size of c.

Examples: $\[\] M \text{ with } M \text{ 17, } b \text{ and } M \text{ 25\, } b \text{ looks better than } M \text{ with } M \text{ 17, } c \text{ and } M \text{ 25\, } c. Similarly in 12-point <math>\[\] M \text{ with } d \text{-forms for } M \text{ and } M \text{ looks better than } M \text{ with } d \text{-forms.}$

Only in a very few cases, e.g. \Leftrightarrow G 54 (c) and \Rightarrow Aa 1 (c), are the b and d forms (\Leftrightarrow G 54, d; \Rightarrow Aa 1, d) to be generally used in preference to the a and c forms. These exceptions are due to later revision, the normal forms having originally been made too large. The remarks

appended in the Catalogue to these signs and to any others of the same kind that there may be ought to be sufficient guide to the printer.

Our fount has been devised with the deliberate intention of setting a higher standard in the printing of hieroglyphs. For this reason some remarks on the main principles to be observed will not be out of place.

though not bad, would be improved by more space in the full parts, thus:

Note that where a low sign stands alone, or else separates two other low signs at top and bottom, it must stand exactly central. So - in - and - or - in the above sentence.

The only common exception to the rule of ranging to top and bottom is in cases like have where the lower straight surface of a provides a better line to range to than its curved upper part; have does not look well. Combinations with the common sign e are peculiar. At the top of a line, as in he central looks better than ho or hough at the bottom of the line has should range to bottom, as in he.

As explained above, the forms of the signs chosen to be the staple of the new fount are taken from the Eighteenth Dynasty tombs at Thebes. These are admirably fitted for reproducing texts in Middle Egyptian, the classical period of the language ranging from Dyn. XI down to the end of Dyn. XVIII. The propriety of using these forms for Old Egyptian or for texts of the latest period is far more questionable, and we have even heard seriously canvassed the advantages of a fount so palaeographically untrue to any particular epoch that it is exactly equally suited to all periods alike! To this thesis we cannot, of course, subscribe, and hold that it is best, since a special fount cannot be devised for each separate period, to employ a fount which shows great accuracy for the central and most important stage, and a larger or smaller degree of distortion for the other periods. To mitigate this distortion, however, alternative Old Kingdom forms will often be observed in our Catalogue, where they are always noted as such in the accompanying remarks. The printer should not employ these O.K. (Old Kingdom) forms unless explicitly instructed by the author to do so. It is intended, at a later date, to add N.K. (New Kingdom) forms and Gr.-R. (Graeco-Roman) forms where these prove requisite.

The list is classified in accordance with the sign-list in my Egyptian Grammar (Oxford 1927), pp. 432-531. A section at the end showing a number of signs grouped according to their shape ought to make the finding of any given sign comparatively easy.

Signs marked with an asterisk * are additions to the list included in my grammar, when these additions seemed to demand a position within, and not at the end of, the signs already numbered. A few new signs, e.g. \(\frac{1}{2} \) E 35, have been placed at the end of their respective sections; in such cases the asterisk was naturally not required.

Signs marked with an *obelus* \uparrow are replacements of signs from earlier cut matrices which appeared to need improvement in one way or another. To render these improvements unmistakable to readers of my *Egyptian Grammar* a list of the rejected signs is appended at the end of the Catalogue. Authors should, for example, not accept D 4 \rightleftharpoons as a rendering of the eye, but should demand D 4 \uparrow \rightleftharpoons with a smaller and rounder pupil.

In conclusion, let it be emphasized that Mr. and Mrs. Davies who drew the signs, Mr. Bilton who cut them, and the present writer who edits the fount, are all conscious that results very far short of perfection have been obtained, and they would welcome any new fount which would really carry the knowledge of Egyptian palaeography and the printing of hieroglyphic texts yet farther forward. But until such a fount be organized, they would be grateful for any hints or suggestions which their colleagues might be disposed to offer to them. It is our intention to make the present fount a progressive thing, responsive to new needs or to the fresh recognition of palaeographic facts hitherto overlooked or ignored. Readers are requested to direct criticisms or materials for new signs to the undersigned at 9 Lansdowne Road, London, W. 11.

ALAN H. GARDINER.

THE EGYPTIAN ALPHABET IN 18-POINT

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$$w \geqslant (G_{43}, a) \text{ or } (Z_{7}, a)$$

$$b$$
 (D 58, a)

$$f \ll (I_9, a)$$

$$h \square (O_4, a)$$

$$h \qquad \begin{cases} & \text{(V 28, a)} \end{cases}$$

$$s$$
 (s) (S 29, a) or $----$ (z) (O 34, a)

$$k \triangle (N29, a)$$

$$g \longrightarrow (W_{11}, a) \text{ or } (V_{33}, a)$$

$$\underline{t} = (V_{13}, a) \text{ or } = (V_{14}, a)$$

$$d = (D_46, a)$$

$$\underline{d}$$
 (I 10, a)

SAMPLES OF HIEROGLYPHIC PRINTING

18-POINT

12-POINT

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THE CATALOGUE

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SECTION B

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SECTION D

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PAGE TWENTY-TWO

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SECTION I

AMPHIBIOUS ANIMALS, REPTILES, ETC.

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SECTION P

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SECTION Q

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TEMPLE FURNITURE AND SACRED EMBLEMS

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Sources for the Gardiner set of Egyptian Hieroglyphs. Scanned by Michael Everson, Dublin, 2001-07-28. G1928: 28 of 59.

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Sources for the Gardiner set of Egyptian Hieroglyphs. Scanned by Michael Everson, Dublin, 2001-07-28. G1928: 31 of 59.

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| 4 | A | | A | ક્ત | ક્ષ | | 24 | þ | | þ | | | wd, O.K. and M.K. form |
| 5 | ® | | | | | | 25 | ď | | Ÿ | | | wd, Dyn. XVIII form |
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| 7 | X | | Σ | | | šn | 27 | - | | | | | O.K. form of \sim V 26. Also verti- |
| 8 | Ž | | 2 | | | Alternative form of | 28 | 8 | 8 | 8 | 8 | 8 | cally |
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| 11 | | | r | | | dni, ph; | 30 | | A.L | 0 | | | |
| 11* | | | c c' | | () | Used for building up cartouches | 30* |) | | \rightarrow | | | Lower form of V 30 used in building up |
| 12 | 2 | | 2 | | | | 31 | \bigcirc | | \supset | | - | |
| 13 | | | = | | | | 31* | | | ~ | | | Reversed form of V 31, rare in hieroglyphic |
| 14 | = | | === | | | | 32 | æ ĭ | | sedffær | | | mśn, gw |
| 15 | 江 | | 7 | | | | 33 | 8 | | ક | | | śśr, g, 'tie' |
| 16 | -8888 | | - 8888- | | | s; (z;) | 34 | ₽ | | ð | | | Less useful form of $\Im V 33$ |
| 17 | X | | X | | R | s; (z;) | 35 | A | | A | | | O.K. form of & V 33 |
| 18 | 8 | | Q | | | O. K. form of V17 | 36 | ď | | ď | | | ḥn |
| 19 | f | | fl | | | mdt, 'sack' | 37 | σ | | U | | 9 | idr |
| 20 | Ω | | n | | | '10'. Also sideways | 38 | 0 | | 0 | | | O.K. det. of tet |
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VESSELS OF STONE AND EARTHENWARE

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| 2 | Î | | Ī | | | biś. Also horizon- tally | 14*† | <u>* </u> | | <u> </u> | | | |
| 3 | igotimes | | 9 | | | | 15 | | | Ñ | | | |
| 3* | | | • | | | W 3, for use in building up | 16 | | | M. | | | |
| 4 | | | | | | | 17 | ſΪΪΪ | | í šš i | | | Ordinary Dyn. XVIII form |
| 5 | | | ₩ | | | | 18 | | | (ŽŽŽ) | | | O.K. form of (M) W 17, common in M.K. |
| 6 | \Diamond | | 0 | | | O.K. sign for wht | 19 | ₽ | | § | | §. | |
| 7 | \bigcirc | | ♡ | | | mit, 'granite' M.K. substitute for | 20 | ∯ | | ₽ | | | 'milk' |
| 8 | \approx | | 8 | | | \bigcirc W 7. Also used as M.K. form of $\rightleftharpoons \bowtie V$ 32 | 21 | ₩ | | ₩ | | | 'wine' |
| 9 | Ø. | | Ø. | | g. | <u>h</u> nm | 22 | ℧ | | ₽ | | | |
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| 12 | □ | | ᆈ | | | O.K. form of A W 11, g, nst | 24* | 000 | | 000 | | | |
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SECTION X

LOAVES AND CAKES

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| 3 | ٥ | | 0 | | | Alternative, less useful form of $\theta \ge 3$ | 6* | Q | | | | | More detailed form of © X 6 |
| 4 | | | 8 | | | | 7 | Δ | | Δ | | | O.K. sign for half- loaf |
| 4* | | | Ø | | | Exceptional form of W 4 | 8 | \triangle | | Δ | | ۵ | |
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SECTION Y

WRITINGS, GAMES, MUSIC

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Sources for the Gardiner set of Egyptian Hieroglyphs. Scanned by Michael Everson, Dublin, 2001-07-28. G1928: 34 of 59.

SECTION Z STROKES, SIGNS DERIVED FROM HIERATIC, GEOMETRICAL FIGURES

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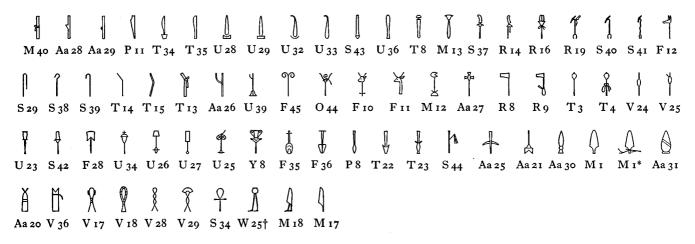
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| 14 | _ | | = | | | O.K. form of $ \stackrel{\longleftarrow}{}$ Aa 13 | | <u> </u> | | ٨ | | | hkr. Also horizon- |
| 15 | | | _ | | | Later form of $=$ Aa 13, to be used for Dyn. XVIII- | 30 | | | \ | | | tally ← of Λ |
| 16 | | | _ | | | XX m | 31 | | | 0 | | | O.K. form of Aa 30 |
| 17 | 4 | | 4 | | | O.K. and M.K. form of 🗂 Aa 18 | 32 | | | [| | | Also horizontally and reversed |
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Bb. ERASURE SIGNS

N.B. These are employed to mark lacunae in the originals. They should always slope from top right to bottom left, thus:—

Cc. A SELECTION OF SIGNS GROUPED ACCORDING TO SHAPE

TALL NARROW SIGNS



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LOW NARROW SIGNS

Dd. SYMBOLS USED IN TRANSCRIBING HIEROGLYPHIC WORDS

PAGE FORTY-FOUR

Ee. SUPERSEDED SORTS

N.B. These are signs previously used in the fount but subsequently replaced by others more satisfactory in drawing, thickness of line, or size. The sorts enumerated below should be carefully eliminated from the fount in favour of their substitutes, which in the above Catalogue are signalized as such by an *obelus* †

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VOLUME XV

PUBLISHED BY THE EGYPT EXPLORATION SOCIETY

13 TAVISTOCK SQUARE, W.C. 1

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LONDON

1929

ADDITIONS TO THE NEW HIEROGLYPHIC FOUNT¹ (1928)

By ALAN H. GARDINER

During the past year (1928) only 10 new signs have been added, each in sizes a and c; accordingly 20 new sorts in all. A new category of signs (Section Ff) has been added in order to provide symbols for the transcription of hieratic, as set forth in my article appearing in the present number of the *Journal*. In the list below, the age, use, and source of the new signs are indicated. It will be remembered, of course, that Mr. and Mrs. Davies' drawings are adaptations, not exact facsimiles, of the models quoted; reduction in size, together with the need for a general conformity of appearance, makes certain modifications inevitable.

| A 59 | $a \not$ | c 🕺 | Det. śhr "drive away." Dyn. XVIII, Urk., IV, 618, 7. |
|-------------|---------------|------------|--|
| A 60 | a | c A | Det. śti (sti) "sow." Dyn. XVIII, Urk., 1v, 615, 14. |
| B 7 | a M | c M | Det. queen. Dyn. XVIII, Thebes, tomb of $\underline{H}riwf$, no. 192. |
| I 5* | a 🖘 | c == | śbk. Dyn. V, Davies, Ptahhetep, 1, Pl. 9, no. 157. |
| Z 12 | ач | <i>c</i> ₹ | In hwi "strike." Ptolemaic, Edfu, Horus myth. |
| Ff 1 | $a \setminus$ | o v | For \bigcirc Z7, \triangle X1 and other signs. |
| Ff 2 | a 🗎 | c | Substitute for \lozenge V7, cf. Möller, Hier. Pal., 11, no. 521. |
| Ff 3 | a 3\(\) | c 33 | Initial △, cf. Möller, Hier. Pal., 11, no. 120. |
| Ff 4 | $a \bowtie$ | c 🕊 | Ear as det., cf. Möller, Hier. Pal., 11, no. 159. |
| Ff 5 | $a \notin$ | c ¶ | Feather šw, cf. Möller, Hier. Pal., 11, no. 237. |

Owners of the Catalogue should add cross-references to the four last signs under $\$ V7, $\$ D54†, $\$ F21 and $\$ H6 respectively.

¹ Catalogue of the Egyptian Hieroglyphic Printing Type from matrices owned and controlled by Dr Alan H. Gardiner. Oxford. At the University Press. 1928.

THE JOURNAL

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ADDITIONS TO THE HIEROGLYPHIC FOUNT¹ (1931)

BY ALAN H. GARDINER

Since the last list was published in this Journal (xv, 95), the actual demand for additional signs has been small. The present series is mainly drawn from the temple of Sethos I at Abydos (Dyn. XIX) and from the temple of Medînet Habu (Dyn. XX). Scholars who employ the fount for their books or articles are reminded that, if suitable material be supplied and reasonable notice given, I am always ready to have new matrices cut, provided that the hieroglyphs in question cannot be adequately represented by existing forms, and that there is likely to be some future use for the signs required.

| ٠ | | • | | |
|----------|-----|--|--------------------|---|
| A | 14* | a 🎇 | c 😭 | Det. death, enemy. Medînet Habu, Dyn. XX. |
| A | 42* | $a \stackrel{\text{\tiny M}}{\longrightarrow}$ | c | Det. king. Abydos, Sethos Temple, Dyn. XIX. |
| A | 61 | a A | c A | Det. (n "turn back1," and msnh "turn away (dazzled)2," Medînet Habu, Dyn. XX. 1 Ex. inscr. year 5, l. 4. 2 Ex. inscr. year 11, ll. 17, 30. |
| A | 62 | a 🛱 | c A | Ideo. wr "Syrian" or "Asiatic prince1," Dyn. XIX. 1 Ex. Hittite Treaty, passim. |
| A | 63 | a 🕍 | c 🗳 | Det. hms "sit," said of king ¹ . Abydos, Sethos Temple, stairway passage, Dyn. XIX. ¹ Also used as det. of sndm "sit," when said of king. The insignia vary in different places. |
| В | 8 | a 🖺 | c A | Det. women's names. Cairo Mus. no. 298, sarcophagus of Takhos. Ptolemaic. |
| C | 12 | a [] | c 14 | Ideo. or det. Amūn. Based on Leps., Denkm., 111, 180, Wâdî es-Sebû¢, Dyn. XIX. |
| C | 13 | a 🖟 | c 🔉 | Ditto, reversed. |
| C | 14 | a 🛂 | c M | Monogram for the name 'Imn-hr-hpš:f¹, consisting of \(\) C 12, but with substitution of \(\) T 16*2 for \(\) S 40. 1 Ex. Leps., Denkm., III, 224, b. 2 Note that in the Theinhardt fount, C 14, the scimitar faces the wrong way. |
| C | 15 | a M | $c \mid \!\!\mid $ | Ditto, reversed. |
| C | 16 | $a \stackrel{\mathcal{U}}{\mathbb{M}}$ | c 🖔 | Ideo. Tm "Atum ¹ ." Medînet Habu, Dyn. XX. ¹ Ex. inscr. year 5, l. 39. |
| C | 17 | $a \stackrel{\mathfrak{g}}{\mathbb{M}}$ | c | Ideo. Mntw "Month." Medînet Habu, Dyn. XX. |

¹ Catalogue of the Egyptian Hieroglyphic Printing Type from matrices owned and controlled by Dr. Alan H. Gardiner. Oxford. At the University Press, 1928.

Journ, of Egypt. Arch. xvII.

246 ADDITIONS TO THE HIEROGLYPHIC FOUNT

C 18 a d deo. Tnn "Tanen." Abydos, Sethos Temple, staircase passage, N. wall, Dyn. XIX.

C 20 a d Ideo. or det. Pth "Ptah." Abydos, Sethos Temple, Dyn. XIX.

D 52* $a \leftarrow c \leftarrow Monogram \text{ for } smt(r), \text{ consisting of } \subset D$ 52 and $\mid S$ 29. Common in Dyn. XIX-XX.

E 8* a c S Det. of bw "kids." From Dêr el-Baḥrî, Upper Central Court, Ramesside scene of women acrobats. This form replaces E 8 after Dyn. XVIII.

F 1* a 3 c 2 Det. rsw "rejoice," ssn "breathe," fnd "nose," in Dyn. XIX-XX.

Medînet Habu, Dyn. XX.

G 7* a c ldeo. Ideo. Ideo. Thy "Anti." For this Dyn. XII form cf. Gardiner-Peet,

Inscriptions of Sinai, Pt. 1, Pl. 23, no. 85.

G 7** a c Ideo. (nty "Anti." This Dyn. XII form, e.g. stela of Šn, sold at Sotheby's sale, 1. 12. 1930; cf. also Schäfer-Lange, Grab- und Denksteine, Index, pp. 148-9.

G 11* a To Det. (šm "divine image." Abydos, Sethos Temple, stairway passage, Dyn. XIX.

M 24* a c ldeo. "land" in ll tiwy "the two lands." Abydos, Sethos Temple, Dyn. XIX.

¹ Properly, of course, the sign represents only T3-5m6 "Upper Egypt."

M 28* a c T Ideo. T:-šmc "Upper Egypt." Abydos, Sethos Temple, Dyn. XIX.

M 31* a O Det. srd "make to grow." Abydos, Sethos Temple, Rēc-Ḥarakhti chapel, Dyn. XIX.

N 34* a D c D Ideo. bis(?) "copper." Abydos, Sethos Temple, Dyn. XIX.

O 24* a ____ C __ Det. names of sun-obelisks. From Steindorff, Grab des Ti, Pl. 18. Dyn. V.

O 25* a A C Det. names of sun-obelisks. From Borchardt, Rē-Heiligtum, p. 39. Dyn. V.

R 16* a Temple, Dyn. XIX.

R 26 a 10 c Ideo. sm; "unite." Abydos, Sethos Temple, king's chapel, Dyn. XIX.

T 36 a \bigcirc C \bigcirc Det. ikm "shield1." Medînet Habu, Dyn. XX.

1 Ex. inscr. year 8, 1. 37.

U 23* a Phon. mr, later form of U 23. British Museum, sarcophagus of Ankhnasneferibrēr, Dyn. XXVI.

V 23* a Phon. mh. Abydos, Sethos Temple, Dyn. XIX.

V 29* $a \stackrel{\nabla}{\nearrow} c \stackrel{\circ}{\nearrow}$ Phon. sk, monogram consisting of $\stackrel{\circ}{\nearrow}$ V 29 and \bigcirc V 31. Common at Medînet Habu, Dyn. XX.

V 39 a c ldeo. or det. tit "knot-amulet" of Isis. Abydos, Sethos Temple, Dyn. XIX.

Aa 7** a \mathcal{L} c \mathcal{L} Det. or phon. det. skr; later equivalent of \mathcal{L} Aa 7. Abydos, Sethos Temple, Dyn. XIX.

Ff 6 $a \not\sim c \times$ Ideo. in $^{\star}_{\Delta}$ st; "drag," derived from hieratic form of \leftarrow V 2. Medînet Habu, Dyn. XX.

Ff 7 a d Phon. det. smn, mn, derived from hieratic form of U 32.
Abydos, Sethos Temple, Dyn. XIX.

SUPPLEMENT TO THE CATALOGUE OF THE EGYPTIAN HIEROGLYPHIC PRINTING TYPE

SHOWING ACQUISITIONS TO DECEMBER 1953

SECTION A

MAN AND HIS OCCUPATIONS

| NO. | a | b | c | d | e | NOTES | NO. | a | b | с | d | <u>e</u> | NOTES |
|-----|--------|---|-----|---|---|-------|-----|------|---|---|---|----------|-------|
| 5* | | | M | - | | | 62 | 1 | | Â | | | |
| 6* | | | | | | | 63 | | | | | | |
| 14* | TO THE | | | | | | 64 | | | 吲 | | | |
| 17* | JAN . | | Ã | | | | 65 | 别 | | SIN SIN SIN SIN SIN SIN SIN SIN SIN SIN | | | |
| 42* | M | | 1/3 | | | | 66 | H | | 4 | | | |
| 59 | Ã | | Ä | | | | 67 | is a | | ê | | | |
| 60 | A | | A | | | | 68 | YA. | | 4 | | | |
| 61 | Å | | À | | | | | | | | | | |
| | | | | | | | | | | | | | |

SECTION B

WOMAN AND HER OCCUPATIONS

| NO. | a | b | <i>c</i> | \overline{d} | e | NOTES | NO. | a | b | c | d | e | NOTES |
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SECTION C

ANTHROPOMORPHIC DEITIES

| NO. | \overline{a} | b | <i>c</i> | d | e | NOTES | NO. | a | b | с | d | e | NOTES |
|------|----------------|---|--------------|---|---|-------|-----|----------|---|---|---|---|-------|
| 2* | 29 | | 2 | | | | 16 | M | | Ŋ | | | |
| 2** | | | <u>&</u> | | | | 17 | M | | Ň | | | |
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| 13 | | | M | | | | 20 | Ñ | | | : | | |
| 14 | | | M | | | | 21 | 18 | | 图 | | | |
| 15 | | | M | | | | 22 | 19 | | 图 | | | |

PAGE TWO

SECTION D

PARTS OF THE HUMAN BODY

| NO. | a | b | c | d | e | NOTES | NO. | a | b | c | d | e | NOTES |
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| 48* | 6 | | 6) | | | | 65 | ર | | 2 | | | |
| 52* | F | | £ | | | | 66 | هد | | ۷ | | | |
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SECTION E

MAMMALS

| a | b | С | d | e | NOTES | NO. | a | b | c | d | e | NOTES |
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| | | 严 | | | | 37 | | | | | | |
| | | ₩ | | | | 38 | Æ. | | * | | : | |
| 7 | T A | 5 | | | | | 36 37 | 36 B 37 B | 36 B 37 B | 36 D D D D D D D D D D D D D D D D D D D | 36 D D D D D D D D D D D D D D D D D D D | 36 N N N N N N N N N N N N N N N N N N N |

SECTION F

PARTS OF MAMMALS

| NO. | a | b | с | d | e | NOTES | NO. | a | b | с | d | e | NOTES |
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SECTION G

BIRDS

| NO. | a | b | С | d | e | NOTES | NO. | a | b | с | d | e | NOTES |
|-----|----|---|----------|---|---|-------|-----|---|---|--|---|---|-------|
| 7* | D | | D | | | | 20* | A | | 盘 | - | | |
| 7** | P. | | <i>₽</i> | | | | 26* | T | | The state of the s | | | |
| 11* | 4 | | * | | | | 45* | | | | | | |
| | | | | | | | | | | | | | |

SECTION H

PARTS OF BIRDS

| NO. | a | b | c | d | e | NOTES | NO. | а | b | С | d | e | NOTES |
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| (6*) | \$ | | ₽ P | | | See Ff 5 | | | | | | | |
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PAGE THREE

SECTION I

AMPHIBIOUS ANIMALS, REPTILES, ETC.

| NO. | a | b | c | \overline{d} | e | NOTES | NO. | a | b | с | d | e | NOTES |
|-----|---|---|----------|----------------|---|-------|-----|---|---|---|---|---|-------|
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| 9* | | | ~ | | | | | | | ! | | | |
| | | | | | | | ii | | | | | | |

SECTION K

FISHES AND PARTS OF FISHES

| NO. | a | b | с | d | e | NOTES | NO. | a | b | с | d | e | NOTES |
|-----|-----------|---|---|---|---|-------|-----|---|---|---|---|---|-------|
| 8 | XE | | | | | | | | | | | | |
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SECTION M

TREES AND PLANTS

| NO. | a | b | с | d | e | NOTES | NO. | a | b | С | d | e | NOTES |
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| 1** | | | \$ | | | | 26 | | | | | 4 | |
| 3* | A. | | A | | | | 28* | Ţ | | Ą | | | |
| 16* | Ĭ | | Ť | | | | 31* | 8 | | 8 | | | |
| 24* | | | 1 | | | | | | | | | | |

SECTION N

SKY, EARTH, WATER

| NO. | a | b | с | d | e | NOTES | NO. | a | b | c | d | e | NOTES |
|------|---|---|---|---|---|-------|-----|---|---|----------|----|---|-------|
| 18* | | | | | | | 34* | D | | D | | | |
| 18** | | | • | | | | 37* | | | <u> </u> | in | | |

SECTION O

BUILDINGS, PARTS OF BUILDINGS, ETC.

| NO. | a | b | с | d | e | NOTES | NO. | a | b | с | d | e | NOTES |
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| 10* | 兄 | | 图 | | | | 25* | А | | А | | | |
| 19* | | | 1 | | | | | | | | | | |

PAGE FOUR

SECTION R

TEMPLE FURNITURE AND SACRED EMBLEMS

| NO. | a | b | c | d | e | NOTES | NO. | a | b | c | d | <i>e</i> | NOTES |
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| 16* | # | | * | | | | 29 | V | | Ø | | | |
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SECTION S

CROWNS, DRESS, STAVES, ETC.

| NO. | a | b | c | d | e | NOTES | NO. | а | b | с | d | e | NOTES |
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SECTION T

WARFARE, HUNTING, BUTCHERY

| NO. | a | b | с | d | e | NOTES | NO. | a | b | С | <u>d</u> | <u>e</u> | NOTES |
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| 9 | | | ~ | | | | | | | | | | |

SECTION U

AGRICULTURE, CRAFTS, AND PROFESSIONS

| NO. | a | b | c | d | e | NOTES | NO. | а | b | С | d | e | NOTES |
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| 6** | | | A | | | | 29* | \$ | | 4 | | | |
| | | | | | | | | | | | | | |

PAGE FIVE

SECTION V

ROPE, FIBRE, BASKETS, BAGS, ETC.

| NO. | a | b | с | d | e | NOTES | NO. | a | b | С | d | e | NOTES |
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| 23* | 7 | | ٦ | | | | 39* | | | â | | | |
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SECTION W

VESSELS OF STONE AND EARTHENWARE

| NO. | a | b | с | d | e | NOTES | NO. | a | b | с | d | e | NOTES |
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| 10* | ש | | ט | | | | | | | | | | |

SECTION Z STROKES, SIGNS DERIVED FROM HIERATIC, GEOMETRICAL FIGURES

| NO. | a | b | с | d | e | NOTES | NO. | a | b | с | d | e | NOTES |
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SECTION Aa

UNCLASSIFIED

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SECTION Ff

SIGNS FOR TRANSCRIPTION FROM HIERATIC

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| 5 | \$ | | P | | | | 9 | ## | | ## | | | |

PAGE SIX

SECTION Nn:—Signs for the nomes or provinces of Egypt in correct numerical order: L stands for Lower Egypt, U for Upper Egypt.

| NO. | а | b | c | d | e | NOTES | NO. | a | b | с | d | <u>e</u> | NOTES |
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| L 3 | | | 282 | | | | Uı | | | ē | | | |
| L4 | X1 | | <u> </u> | | | | U 2 | | | | | | |
| L 5 | | , | | | | | U 3 | # * | | # # # # # # # # # # # # # # # # # # # | | | |
| L 5* | X 2 | | <u>*</u> | | | | U ₄ | *** | | 1 | | | |
| L 6 | | | A | | : | | U 5 | | | 4 | | , | |
| L7 | | | 2 | | | | U 6 | | | | | | |
| L8 | | | | | | | U 7 | **** | | * | E | | |
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| L 10 | | | | | | | U 9 | | | 虚 | | | |
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| L 14 | | | A | | | | U11* | 新 | | IAS | | | |
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| L17* | | | 這 | | | | U 15 | | | - | | | |
| L 18 | 10 | | 10 | | | | U 16 | | | \$ | | | |
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PAGE SEVEN

SECTION Nn (continued)

| NO. | a | b | c | d | e | NOTES | NO. | a | b | с | d | e | NOTES |
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| U 18 | | | ** | | | | U 21 | 150 | | 122 | | | |
| U18* | | | | | | | U 22 | | | <u></u> | | | |
| U 19 | 111 | | 111 | | | | U22* | 1 | | <u> </u> | | | |
| | | | | | | | | | | | | | |

EGYPTIAN GRAMMAR

BEING AN INTRODUCTION TO THE STUDY OF HIEROGLYPHS

BY SIR ALAN GARDINER

THIRD EDITION, REVISED

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OXFORD UNIVERSITY PRESS
LONDON

EGYPTIAN GRAMMAR

INDEX TO THE FOREGOING SIGN-LIST

Sect. E. Mammals 77 77 8 8 8 9 10 11 12 13 14

\$\frac{1}{2} \frac{1}{3} \frac{1}{4} \frac{1}{5} \frac{1}{6} \frac{1}{7} \frac{1}{8} \frac{1}{8} \frac{1}{9} \frac{1}{10} \frac{1}{11} \frac{1}{12} \frac{1}{13} \frac{1}{14} \frac{1}{15} \frac{1}{16} \frac{1}{17} \frac{1}{18} \frac{1}{9} \frac{20}{20} \frac{21}{21} \frac{22}{23} \frac{23}{24} \frac{25}{25} \frac{16}{26} \frac{27}{27} \frac{28}{28} \frac{29}{29} \frac{30}{30} \frac{31}{31} \frac{32}{32} \frac{33}{34}

INDEX TO THE FOREGOING SIGN-LIST

Sect. I. Amphibious Animals, Reptiles, etc.

Sect. L. Invertebrata and Lesser Animals & & V

EGYPTIAN GRAMMAR

Sect P. Ships and Parts of Ships A Parts

Sect. Q. Domestic and Funerary Furniture $\int_{1}^{1} \frac{1}{2} \frac{1}{3} \frac{1}{4} \frac{1}{5} \frac{1}{6} \frac{1}{7}$

Sect. R. Temple Furniture and Sacred Emblems $\frac{0.50}{1}$ $\frac{1111}{2}$ $\frac{1}{3}$ $\frac{4}{4}$ $\frac{1}{5}$ $\frac{1}{6}$ $\frac{1}{7}$ $\frac{1}{8}$ $\frac{1}{9}$

10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25

Sect. S. Crowns, Dress, Staves, etc. $\sqrt{2}$ $\sqrt{2}$ $\sqrt{3}$ $\sqrt{4}$ $\sqrt{4}$ $\sqrt{5}$ $\sqrt{6}$ $\sqrt{7}$ $\sqrt{8}$ $\sqrt{9}$ $\sqrt{10}$ $\sqrt{11}$ $\sqrt{12}$

32 33 34 (V 39) 35 36 37 38 39 40 41 42 43 44 45

Sect. T. Warfare, Hunting, Butchery \sum_{1} \sum_{2} \sum_{3} \sum_{4} \sum_{5} \sum_{6} \sum_{7} \sum_{7} \sum_{8} \sum_{8} \sum_{9} \sum_{9} \sum_{10}

Sect. U. AGRICULTURE, CRAFTS, AND PROFESSIONS 1 2 3 4 5 6 7 8 9

INDEX TO THE FOREGOING SIGN-LIST

Sect. Y. Writings, Games, Music $\underset{1}{\overset{\sim}{=}}$ $\underset{2}{\overset{\sim}{=}}$ $\underset{3}{\overset{\circ}{=}}$ $\underset{4}{\overset{\circ}{=}}$ $\underset{5}{\overset{\circ}{=}}$ $\underset{6}{\overset{\circ}{=}}$ $\underset{7}{\overset{\circ}{=}}$ $\underset{8}{\overset{\circ}{=}}$

For reasons explained p. 442, top, the following signs have been removed from the place to which they were originally assigned and now stand at some distance from the positions indicated by the attached letter and number: A 59 \$\frac{1}{2}\$, see after A 25; S 17* \$\overline{10}\$, see after S 22; V 39 \$\overline{10}\$, see after S 34; Aa 4 \$\overline{10}\$, see after W 10*; Aa 23 \$\overline{10}\$\$, Aa 24 \$\overline{10}\$\$, see after T 10. A few hieroglyphs are treated in more than one place: M 44 \$\Delta\$ also before Z 9; N 18 \$\overline{10}\$\$ also after S 26 and X 4; N 33 \$\circ\$ (smaller than \$\circ\$ D 12) also after Z 8; O 30 \$\Delta\$ also reversed \$\Delta\$ after U 12. Minor divergences of position like A 46* after A 47, instead of after A 46, need no further notice than is given to them in the Index above.

A SELECTION OF SIGNS GROUPED ACCORDING TO SHAPE

This list aims at facilitating the finding of particular signs in the Sign-list or the Index thereto. Hieroglyphs the subject of which is immediately recognizable, e.g. animals, boats, most buildings and some pots, have been excluded.

EGYPTIAN GRAMMAR

Low broad signs NI N37 N38 N39 S32 N18 X4 X5 N17 N16 N20 An10 V 26 V 27 R 24 $\underset{\text{W 6}}{\approx}$ V 32 Y i Aa 9 Ha 8 N 35 T7 F30 V22 V23 D15 F20 Z6 F33 T2 U20 U19 U21 T 21 O 29 Tr R 23 TII R 22 F48 F49 MII U17 U18 V 14 F 46 F 47 N 36 D 14 D 21 D 22 T 30 T 31 N 31 O 31 S12 N 30 O 42 O 43