

CATALOGUE OF THE
EGYPTIAN HIEROGLYPHIC
PRINTING TYPE
FROM MATRICES OWNED AND CON-
TROLLED BY DR. ALAN H. GARDINER

IN TWO SIZES
18 POINT : 12 POINT
WITH INTERMEDIATE
FORMS

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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.

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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

INTRODUCTION

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 ;  V 28, *c* in 

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 

The corresponding smaller size for use when printing in 12-point is always marked *e*; example  V 28, *e* in . The size marked *e*, since it has to bear the same relation to *c* in 12-point printing as *c* bears to *a* in 18-point printing, is consistently two-thirds the size of the *c*-sorts.

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:  with  M 17, *b* and  W 25†, *b* looks better than  with  M 17, *c* and  W 25†, *c*. Similarly in 12-point  with *d*-forms for  and  looks better than  with *e*-forms.

Only in a very few cases, e.g.  G 54 (*c*) and  Aa 1 (*c*), are the *b* and *d* forms ( G 54, *d*;  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

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 $\sim$ in $\hat{\sim}$ and ∇ or $\cup$ in the above sentence.

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

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.  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* † 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  as a rendering of the eye, but should demand D 4†  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

<i>j</i>  (G 1, <i>a</i>)	<i>h</i>  (V 28, <i>a</i>)
<i>i</i>  (M 17, <i>a</i>)	<i>h</i>  (Aa 1, <i>b</i>)
<i>y</i>  (M 17, <i>a</i>) or  (Z 4, <i>a</i>)	<i>h</i>  (F 32, <i>a</i>)
<i>c</i>  (D 36, <i>a</i>)	<i>s</i>  (<i>s</i>) (S 29, <i>a</i>) or  (<i>z</i>) (O 34, <i>a</i>)
<i>w</i>  (G 43, <i>a</i>) or  (Z 7, <i>a</i>)	<i>š</i>  (N 37, <i>a</i>)
<i>b</i>  (D 58, <i>a</i>)	<i>k</i>  (N 29, <i>a</i>)
<i>p</i>  (Q 3, <i>a</i>)	<i>k</i>  (V 31, <i>a</i>)
<i>f</i>  (I 9, <i>a</i>)	<i>g</i>  (W 11, <i>a</i>) or  (V 33, <i>a</i>)
<i>m</i>  (G 17, <i>a</i>) or  (Aa 15, <i>a</i>)	<i>t</i>  (X 1, <i>a</i>)
<i>n</i>  (N 35, <i>a</i>)	<i>t</i>  (V 13, <i>a</i>) or  (V 14, <i>a</i>)
<i>r</i>  (D 21, <i>a</i>)	<i>d</i>  (D 46, <i>a</i>)
<i>h</i>  (O 4, <i>a</i>)	<i>d</i>  (I 10, <i>a</i>)

SAMPLES OF HIEROGLYPHIC PRINTING

18-POINT



12-POINT



THE CATALOGUE

SECTION A

MAN AND HIS OCCUPATIONS

NO.	a	b	c	d	e	NOTES	NO.	a	b	c	d	e	NOTES
1							22						'statue'
2							23						
3						Det. <i>hms</i>	24						
4							25						<i>hwi</i>
5							26						
6							27†						<i>in</i>
7†							28						
8							29						
9							30						
10						<i>skd</i>	31						
11						<i>hnmś, O.K.</i>	32						
12							32*						
13							33						
14							34						
15							35						
16						<i>kš</i>	36†						
17							37						
18							38						
19						<i>wr, 'old'</i>	39						
20						<i>śmśw</i>	40						
21						<i>śr</i>	41						

SECTION A (continued)

MAN AND HIS OCCUPATIONS

NO.	a	b	c	d	e	NOTES	NO.	a	b	c	d	e	NOTES
42							50						
43							51						
44							52						
45							53						
46							54						
47							55						
48						iry	56						Det. <i>bṛk</i> , O.K.
49						'Syrian'	57						<i>hṭp-di-nsw</i> , <i>Urk.</i> iv. 46, 6
							58						<i>šd</i> , <i>Urk.</i> iv. 57, 3

SECTION B

WOMAN AND HER OCCUPATIONS

NO.	a	b	c	d	e	NOTES	NO.	a	b	c	d	e	NOTES
1							4						
2							5						
3							6						

SECTION C

ANTHROPOMORPHIC DEITIES

NO.	a	b	c	d	e	NOTES	NO.	a	b	c	d	e	NOTES
1†							7†						
2							8						
3†							9						
4							10						
5							10*						Dyn. XIX
6†							11						

SECTION D

PARTS OF THE HUMAN BODY

NO.	a	b	c	d	e	NOTES	NO.	a	b	c	d	e	NOTES
1							26						
2							27						
3							27*						Rather commoner form of D 27
4†							28						
5†							29						
6†						Rare before Dyn. XIX. Use D5† earlier	30						
7†							31						
8							32						
8*						Better than D 8	33						
9†							34						Ch Dyn. XVIII
10							34*						O.K. form of D 34
11							35						
12							36						
13							37						
14							38						
15							39†						
16							40						
17							41						'cease'
18							42						'cubit'
19						Often c better than a even in 18 point	43						
20							44						
21							45						
22							46						
23							46*						O.K. and Dyn. XII
24							47						drt
25													

SECTION D (continued)

PARTS OF THE HUMAN BODY

NO.	a	b	c	d	e	NOTES	NO.	a	b	c	d	e	NOTES
48						'palm'	56						
49							57						
50						<i>dbꜥ</i> , 'finger'	58						
51						<i>ꜥnt</i> , <i>dkꜣr</i>	59						
52						<i>mt</i>	60						
53							61						
54†							62						Less accurate form of D 61
55†							63						Exceptional Dyn. XVIII form of D 61

SECTION E

MAMMALS

NO.	a	b	c	d	e	NOTES	NO.	a	b	c	d	e	NOTES
1						<i>kꜣ, iḥ, 'cattle'</i>	20						
2†						<i>kꜣ (in kꜣ nḥt), smꜣ</i>	20*						
3						<i>bḥs, mnmt</i>	21						
4							22						
5							23						
6							24						
7							25						
8						<i>ib</i>	26						
9							27						
10							28						<i>mḥd</i>
11						O.K. form of E 10	28*						
12							29						<i>ghs</i>
13							30						<i>nirw</i>
14							31						
15							32						<i>iḥni, ḥnd</i>
16							33						<i>gf</i>
17							34						Used in the com- binations and
18							34*						
19						O.K. form of E 18	35						

SECTION F

PARTS OF MAMMALS

NO.	a	b	c	d	e	NOTES	NO.	a	b	c	d	e	NOTES
1							24						
2							25						
3							26						
4							27						
5						ššr	28						
6						ššr	29						
7						šyt	30						šd
8							31						
9							32						
10							33						
11						O.K. form of F 10	34						
12						wšr	35						
13							36						
13*						Less usual form of F 13	37						
14							38						
15							38*						Unusual Dyn. XVIII form of F 37 or F 38
16							39						
17							40						
18							41						
19							42						špr
20							43						
21							44						
22							45						
23							46						Best form for <i>phr</i> , <i>dbn</i> , <i>wdb</i>

SECTION F (continued)

PARTS OF MAMMALS

NO.	a	b	c	d	e	NOTES	NO.	a	b	c	d	e	NOTES
47	≡		≡				51	𐀀		𐀀			Occasionally used reversed 𐀀
48	≡		≡			dbn, Dyn. XVIII	51*	𐀀𐀀𐀀		𐀀𐀀𐀀			
49	≡		≡				51**	𐀀𐀀𐀀		𐀀𐀀𐀀			
50	𐀀		𐀀				52	𐀀		𐀀			O.K., faeces

SECTION G

BIRDS

NO.	a	b	c	d	e	NOTES	NO.	a	b	c	d	e	NOTES
1						,	21						nh
2							22						dbt (dbt)
3†							23						rhyt
4						tyw	24						rhyt
5†							25						
6†							26						
6*							27						dšr
7							28						gm
8							29						br
9							30						
10							31						
11							32						
12							33						sd,
13							34						
14							35						rk
15							36						wr, ordinary form
16							36*						Lower form of last
17							37						'small', 'bad', ordinary form
18							37*						Lower form of last
19							38						Gb, 'goose'
20							39						sz (sz)
							40						

SECTION G (continued)

BIRDS

NO.	a	b	c	d	e	NOTES	NO.	a	b	c	d	e	NOTES
41							48						
42						dfz, wšz	49						
43							50						rhty
43*							51						
44							52†						šnm
45							53						
46							54						b is best size for 18 pt., d for 12 pt.
47													

SECTION H

PARTS OF BIRDS

NO.	a	b	c	d	e	NOTES	NO.	a	b	c	d	e	NOTES
1							5						
2						<i>mr, wsm, pkt</i>	6						
3						O.K. <i>prk</i>	7						
4						<i>nr</i>	8						

SECTION I

AMPHIBIOUS ANIMALS, REPTILES, ETC.

NO.	a	b	c	d	e	NOTES	NO.	a	b	c	d	e	NOTES
1							9						
2							10						
3							11						
4							11*						
5							12						
6							13						
7							14						Normal form
8							15						Less usual form of last

SECTION K

FISHES AND PARTS OF FISHES

NO.	<i>a</i>	<i>b</i>	<i>c</i>	<i>d</i>	<i>e</i>	NOTES	NO.	<i>a</i>	<i>b</i>	<i>c</i>	<i>d</i>	<i>e</i>	NOTES
1						<i>in</i>	5						<i>bs</i> , 'fish'
2						<i>bwt</i>	6						<i>nšmt</i> ; also used side-ways 
3						<i>cd</i> (<i>cd</i>)	7						<i>špt</i>
4						<i>h</i>							

SECTION L

INVERTEBRATA AND LESSER ANIMALS

NO.	<i>a</i>	<i>b</i>	<i>c</i>	<i>d</i>	<i>e</i>	NOTES	NO.	<i>a</i>	<i>b</i>	<i>c</i>	<i>d</i>	<i>e</i>	NOTES
1							4						
2							5						
2*							6						
3							6*						The same, but reversed
							7						<i>Šrkt</i>

SECTION M

TREES AND PLANTS

NO.	a	b	c	d	e	NOTES	NO.	a	b	c	d	e	NOTES
I							21						<i>śm, (śht)</i>
I*							22						
2							23						
3						Also vertically	24						<i>rs</i> , correct form
4							25						
5							26						<i>śm</i> , correct form
6							27						<i>śm</i>
7							28						
8						<i>śt, (t); h</i>	29						<i>ngm</i>
9						<i>śšn</i>	30						<i>bnr</i>
10						<i>nhbt</i>	31						Det. <i>rd</i> , Dyn. XVIII
10*						Alternative form of last	32						M.K. form of M ₃₁
11						<i>wdn</i>	33						
12							33*						
13							34						<i>bdt</i>
14							35						'heap'
15							36						<i>dr, dm</i>
16							37						O.K. form of M ₃₆
17							38						O.K. det. <i>mh</i> 'flax'
18							39						Det. fruit
19							40						<i>is (iz)</i>
20						<i>śht, (śm)</i>							

SECTION M (continued)

TREES AND PLANTS

NO.	a	b	c	d	e	NOTES	NO.	a	b	c	d	e	NOTES
40*						Less common Dyn. XVIII form of M ₄₀	43						
41						Det. 'wood'	44						'thorn', <i>spd</i>
42													

SECTION N

SKY, EARTH, WATER

NO.	a	b	c	d	e	NOTES	NO.	a	b	c	d	e	NOTES
1							23						
2						'night', 'dark', Dyn. XVIII	24						
3						O.K. form of N 2	25						Better form of this sign
4							25*						Lower form of last, used in building up
5							26						
6							27						
7							28						
8							29						
9							30						
10						Later (?) form of last	31						
11						'month', 'moon'. Also vertically (,)	32						O.K., 'clay', 'dirt'
12						'moon'. Also ver- tically), (	33						
13							33*						Also vertically :
14							34						
15							35						
16							36						
17							37						š, 'lake', 'sea'
18							38						Alternative form of last, O.K. and Dyn. XVIII
19						hty	39						O.K. form of N 37 and N 38
20						wdb	40						
21							41						hm, 'well'. Com- monest form in Dyn. XVIII
22						O.K. form of N 20, and N 21	42						Alternative form of N 41. Also bi

SECTION O

BUILDINGS, PARTS OF BUILDINGS, ETC.

NO.	a	b	c	d	e	NOTES	NO.	a	b	c	d	e	NOTES
1							21						
2							22						
3							23						
4							24						
5							25						
5*							26						
6							27						
7							28						
8							29						Also vertically
9							30						To be used also reversed, thus:
10							30*						
11							31						Also vertically and
12							32						
13						<i>sbht</i>	33						
14						<i>sbht</i>	34						
15							35						
16							36						Also horizontally
17						O.K. form of O 16	37						
18							38						
19							39						
20							40						
20*						Inferior form of O 20	41						
							42						

SECTION O (continued)

BUILDINGS, PARTS OF BUILDINGS, ETC.

NO.	a	b	c	d	e	NOTES	NO.	a	b	c	d	e	NOTES
43						O.K. form of <i>ztt</i> O 42	48						<i>Nhn</i>
44							49						
45							50						<i>sp (zp)</i>
46						O.K. form of <i>zO</i> 45, also found Dyn. XVIII	51						
47													

SECTION P

SHIPS AND PARTS OF SHIPS

NO.	a	b	c	d	e	NOTES	NO.	a	b	c	d	e	NOTES
1						Also used inverted 	6						
2							7						
3							8						Also horizontally  and 
3*							9						
4						wh	10						
5							11						mi

SECTION Q

DOMESTIC AND FUNERARY FURNITURE

NO.	a	b	c	d	e	NOTES	NO.	a	b	c	d	e	NOTES
1							5						
2							6						
3							7						
4													

SECTION R

TEMPLE FURNITURE AND SACRED EMBLEMS

NO.	a	b	c	d	e	NOTES	NO.	a	b	c	d	e	NOTES
1						<i>hit</i>	13						O.K. form of R 14
2						<i>hit</i>	14						
3						<i>wdh</i>	15						
4							16						<i>wh</i>
5						<i>k(i)p</i>	17						
6						O.K. form of R 5	18						
7							19						
8							20						
9							21						O.K. form of R 20
10							22						
10*							23						O.K. form of R 22
11†							24						<i>Nt</i> (Neith). Also vertically
12							25						O.K. form of R 24

SECTION S

CROWNS, DRESS, STAVES, ETC.

NO.	a	b	c	d	e	NOTES	NO.	a	b	c	d	e	NOTES
1							25						
2							26						
3							27						
4							28						
5							29						
6							30						
7							31						
8							32						<i>st</i>
9							33						
10							34						
11							35						
12							35*						Inferior alternative of S 35
13							36						
14							37						
15						<i>thn</i>	38						<i>hkt</i> (<i>wt</i>)
16						O.K. form of S 15	39						<i>wt</i> (correct O.K. form)
17						Another O.K. form of S 15	40						<i>wt</i> (<i>dm</i>)
18						<i>mnit</i>	41						<i>dm</i>
19							42						<i>bt</i> , <i>shm</i> , <i>hrp</i>
20							43						<i>mdw</i>
21							44						
22						<i>stt</i>	45						
23						<i>dmq</i>							
24													

SECTION T

WARFARE, HUNTING, BUTCHERY

NO.	a	b	c	d	e	NOTES	NO.	a	b	c	d	e	NOTES
1						<i>mn(w)</i>	19						
2							20						O.K. form of T 19
3						<i>hđ</i>	21						
4						<i>hđ</i> , alternative form	22						<i>śn</i>
5							23						Alternative Dyn. XVIII form of T 22
6							24						
7							25						
8							26						
9						<i>pd</i>	27						O.K. form of T 26
10						Also vertically	28						
11							29						
12							30						'knife'
13							31						<i>śśm</i>
14							32						
15						O.K. form of T 14	33						O.K. form of T 31
16							34						<i>nm</i>
17							35						O.K. and alternative form of T 34
18													

SECTION U

AGRICULTURE, CRAFTS, AND PROFESSIONS

NO.	a	b	c	d	e	NOTES	NO.	a	b	c	d	e	NOTES
1						Ordinary form	22						
2						Alternative form of U 1 used in building up	23						<i>mr, 3b</i>
3							24						<i>hm</i>
4						Ordinary form	25						O.K. form of U 24
5						Alternative form of U 4 used in building up	26						<i>wb</i>
6							27						O.K. form of U 26
7						Alternative form of U 6 used in building up	28						<i>d</i>
8						<i>hn</i>	29						Alternative, also O.K. form of U 28
9							30						
10						Less frequent form of U 9	31						Also vertically
11							32						
12							33						
13							34						<i>bsf</i>
14						O.K. form for <i>sn</i>	35						
15							36						
16							37						
17						<i>grg</i>	38						
18						O.K. form of U 17	39						
19						<i>nw</i>	40						
20						O.K. form of last	41						<i>th</i>
21						<i>stp</i>							

SECTION V

ROPE, FIBRE, BASKETS, BAGS, ETC.

NO.	a	b	c	d	e	NOTES	NO.	a	b	c	d	e	NOTES
1						'cord', '100'. Differs from 1 for w	21						
2							22						mh
3							23†						O.K. form of 22
4							24						wd, O.K. and M.K. form
5							25						wd, Dyn. XVIII form
6							26						rd. Also used vertically
7						sn	27						O.K. form of 26. Also vertically
8						Alternative form of 7	28						
9							29						
10							30						
11						dni, ph	30*						Lower form of 30 used in building up
11*						Used for building up cartouches	31						
12							31*						Reversed form of 31, rare in hieroglyphic
13							32						msn, grw
14							33						ssr, g, 'tie'
15							34						Less useful form of 33
16						st (zt)	35						O.K. form of 33
17						st (zt)	36						hn
18						O. K. form of 17	37						idr
19						mdt, 'sack'	38						O.K. det. of 38 'bandage'
20						'10'. Also sideways							

SECTION W

VESSELS OF STONE AND EARTHENWARE

NO.	a	b	c	d	e	NOTES	NO.	a	b	c	d	e	NOTES
1						'oil', 'unguent'	14						
2						<i>bis</i> . Also horizontally	14*†						
3							15						
3*						Lower form of W 3, for use in building up	16						
4							17						Ordinary Dyn. XVIII form
5							18						O.K. form of W 17, common in M.K.
6						O.K. sign for <i>wht</i>	19						
7						<i>mt</i> , 'granite'	20						'milk'
8						M.K. substitute for W 7. Also used as M.K. form of V 32	21						'wine'
9						<i>hnm</i>	22						
10							23						
11						<i>g</i> , <i>nst</i> , <i>dšrt</i>	24†						
12						O.K. form of W 11, <i>g</i> , <i>nst</i>	24*						
13						O.K. form of W 11, <i>dšrt</i>	25†						

SECTION X

LOAVES AND CAKES

NO.	a	b	c	d	e	NOTES	NO.	a	b	c	d	e	NOTES
1							5						
2						'bread'	6						<i>pit</i>
3						Alternative, less useful form of Θ X ₃	6*						More detailed form of Θ X ₆
4							7						O.K. sign for half-loaf
4*						Exceptional form of Θ W ₄	8						

SECTION Y

WRITINGS, GAMES, MUSIC

NO.	a	b	c	d	e	NOTES	NO.	a	b	c	d	e	NOTES
1						Also vertically $\parallel$	5						
2						O.K. form of Θ Y ₁ . Also vertically $\parallel$	6						
3						Usual form at all periods	7						
4						Less usual form of Θ Y ₃	8						

SECTION Z STROKES, SIGNS DERIVED FROM HIERATIC, GEOMETRICAL FIGURES

NO.	a	b	c	d	e	NOTES	NO.	a	b	c	d	e	NOTES
1							6	↙		↙			Det. 'death', 'enemy'
2						Also vertically 	7	⓪		⓪		⓪	w, differs from ⓪ V 1 for 'cord', '100'
2*							8	○		○			Det. 'circuit'
3							9	×		×		×	
4	∥		∥				10	⊗		⊗			O.K. form of × Z 9
5	↘						11	⊕		⊕	⊕		
5*	↙		↙										

SECTION Aa

UNCLASSIFIED

NO.	a	b	c	d	e	NOTES	NO.	a	b	c	d	e	NOTES
1						b should be normal form in 18 pt., d normal in 12 pt.	18						ś
2							19						hr
3							20						pr
4						O.K. b ₁	21						
5						hp	22						
6						im, different from S ₂₃	23						md
7							24						O.K. form of Aa 23
7*						Reversed form of Aa 7	25						
8							26						Det. sbi
9						Det. hwd	27						nd
10						Det. drf	28						kd
11						Also vertically and	29						O.K. form of Aa 28
12						O.K. form of Aa 11	30						hkr. Also horizontally
13						im, gś	31						O.K. form of Aa 30
14						O.K. form of Aa 13	32						Also horizontally and reversed
15						Later form of Aa 13, to be used for Dyn. XVIII-XX m							
16													
17						O.K. and M.K. form of Aa 18							

Bb. ERASURE SIGNS

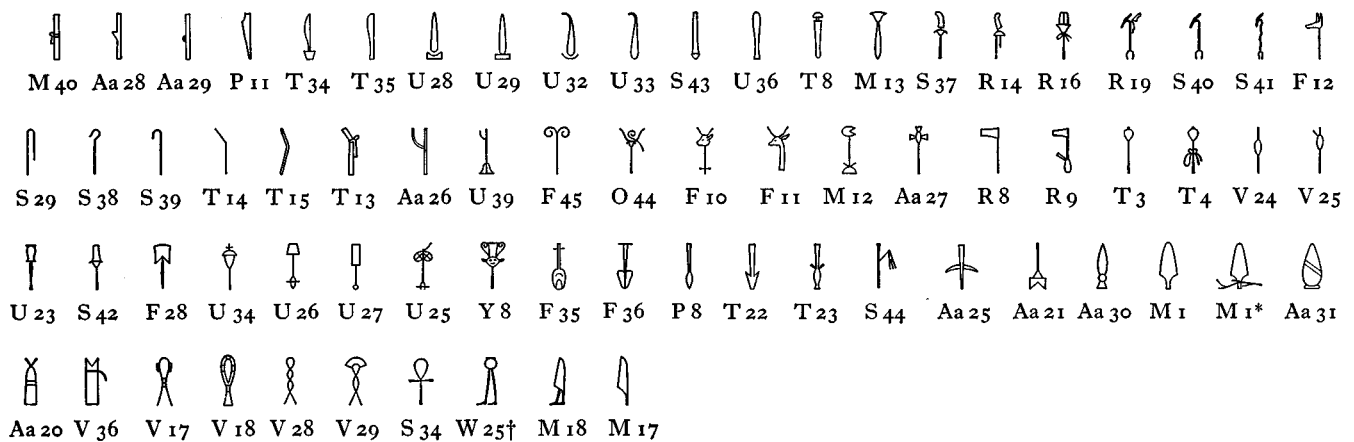
N.B. These are employed to mark lacunae in the originals. They should always slope from top right to bottom left, thus :—

For 18 pt. fount     

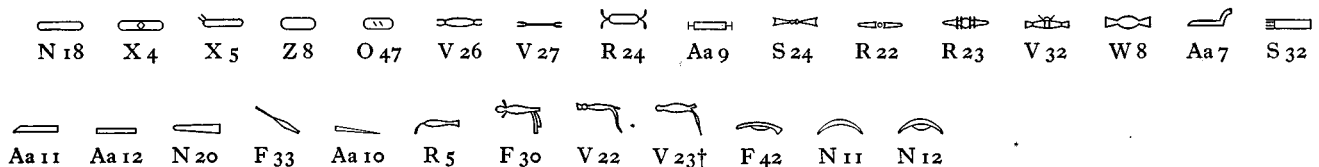
For 12 pt. fount     

Cc. A SELECTION OF SIGNS GROUPED ACCORDING TO SHAPE

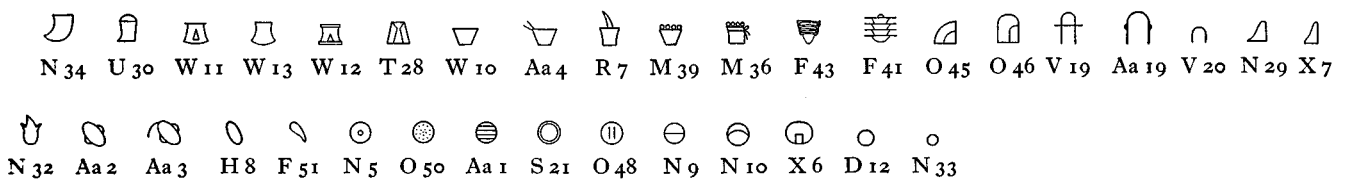
TALL NARROW SIGNS



LOW BROAD SIGNS



LOW NARROW SIGNS



Dd. SYMBOLS USED IN TRANSCRIBING HIEROGLYPHIC WORDS

ɜ *ɛ* *d* *h* *h* *h* *i* *k* *s* *s* *s* *t* *t*
ɜ *ɛ* *d* *h* *h* *h* *i* *k* *s* *s* *s* *t* *t*

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 signaled as such by an *obelus* †

NO.	a	b	c	d	e	NOTES	NO.	a	b	c	d	e	NOTES
A 7							D 54						
A 27							D 55						
A 36							E 2						
C 1							G 3						
C 3							G 5						
C 6							G 6						
C 7							G 52						
D 4							R 11						
D 5							V 23						
D 6							W 14*						
D 7							W 24						
D 9							W 25						
D 39													

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VOLUME XV

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Do.
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 | <i>a</i> | | <i>c</i> | | Det. <i>šhr</i> "drive away." Dyn. XVIII, <i>Urk.</i> , iv, 618, 7. |
| A 60 | <i>a</i> | | <i>c</i> | | Det. <i>šti</i> (<i>sti</i>) "sow." Dyn. XVIII, <i>Urk.</i> , iv, 615, 14. |
| B 7 | <i>a</i> | | <i>c</i> | | Det. queen. Dyn. XVIII, Thebes, tomb of <i>Hrwf</i> , no. 192. |
| I 5* | <i>a</i> | | <i>c</i> | | <i>šbk</i> . Dyn. V, Davies, <i>Ptahhetep</i> , i, Pl. 9, no. 157. |
| Z 12 | <i>a</i> | | <i>c</i> | | In <i>hwi</i> "strike." Ptolemaic, Edfu, Horus myth. |
| Ff 1 | <i>a</i> | | <i>c</i> | | For © Z7, ⊂ X1 and other signs. |
| Ff 2 | <i>a</i> | | <i>c</i> | | Substitute for ⌘ V7, cf. Möller, <i>Hier. Pal.</i> , ii, no. 521. |
| Ff 3 | <i>a</i> | | <i>c</i> | | Initial ∆, cf. Möller, <i>Hier. Pal.</i> , ii, no. 120. |
| Ff 4 | <i>a</i> | | <i>c</i> | | Ear as det., cf. Möller, <i>Hier. Pal.</i> , ii, no. 159. |
| Ff 5 | <i>a</i> | | <i>c</i> | | Feather <i>šw</i> , cf. Möller, <i>Hier. Pal.</i> , ii, 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.

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LONDON
1931

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.

- A 14* a  c  Det. death, enemy. Medînet Habu, Dyn. XX.
- A 42* a  c  Det. king. Abydos, Sethos Temple, Dyn. XIX.
- A 61 a  c  Det. *cn* "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  Ideo. *wr* "Syrian" or "Asiatic prince¹," Dyn. XIX.
¹ Ex. Hittite Treaty, *passim*.
- A 63 a  c  Det. *hms* "sit," said of king¹. Abydos, Sethos Temple, stairway passage, Dyn. XIX.
¹ Also used as det. of *snḏm* "sit," when said of king. The insignia vary in different places.
- B 8 a  c  Det. women's names. Cairo Mus. no. 298, sarcophagus of Takhos. Ptolemaic.
- C 12 a  c  Ideo. or det. Amûn. Based on Leps., *Denkm.*, III, 180, Wâdî es-Sebûr, Dyn. XIX.
- C 13 a  c  Ditto, reversed.
- C 14 a  c  Monogram for the name *'Imn-hr-hpš.f*¹, 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  c  Ditto, reversed.
- C 16 a  c  Ideo. *Tm* "Atum¹." Medînet Habu, Dyn. XX.
¹ Ex. inscr. year 5, l. 39.
- C 17 a  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.

T 36	a	c	Det. <i>ikm</i> "shield ¹ ." Medînet Habu, Dyn. XX. ¹ Ex. inscr. year 8, l. 37.
U 23*	a	c	Phon. <i>mr</i> , later form of U 23. British Museum, sarcophagus of Ankhnasneferibrê, Dyn. XXVI.
V 23*	a	c	Phon. <i>mḥ</i> . Abydos, Sethos Temple, Dyn. XIX.
V 29*	a	c	Phon. <i>sk</i> , monogram consisting of V 29 and V 31. Common at Medînet Habu, Dyn. XX.
V 39	a	c	Ideo. or det. <i>tît</i> "knot-amulet" of Isis. Abydos, Sethos Temple, Dyn. XIX.
Aa 7**	a	c	Det. or phon. det. <i>skr</i> ; later equivalent of Aa 7. Abydos, Sethos Temple, Dyn. XIX.
Ff 6	a	c	Ideo. in <i>st</i> ; "drag," derived from hieratic form of V 2. Medînet Habu, Dyn. XX.
Ff 7	a	c	Phon. det. <i>smn</i> , <i>mn</i> , 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	c	d	e	NOTES
5*							62						
6*							63						
14*							64						
17*							65						
42*							66						
59							67						
60							68						
61													

SECTION B

WOMAN AND HER OCCUPATIONS

NO.	a	b	c	d	e	NOTES	NO.	a	b	c	d	e	NOTES
7							8						

SECTION C

ANTHROPOMORPHIC DEITIES

NO.	a	b	c	d	e	NOTES	NO.	a	b	c	d	e	NOTES
2*							16						
2**							17						
2***							18						
12							19						
13							20						
14							21						
15							22						

SECTION D

PARTS OF THE HUMAN BODY

NO.	a	b	c	d	e	NOTES	NO.	a	b	c	d	e	NOTES
31*							64						
48*							65						
52*							66						

SECTION E

MAMMALS

NO.	a	b	c	d	e	NOTES	NO.	a	b	c	d	e	NOTES
8*							36						
9*							37						
16*							38						

SECTION F

PARTS OF MAMMALS

NO.	a	b	c	d	e	NOTES	NO.	a	b	c	d	e	NOTES
1*							31						

SECTION G

BIRDS

NO.	a	b	c	d	e	NOTES	NO.	a	b	c	d	e	NOTES
7*							20*						
7**							26*						
11*							45*						

SECTION H

PARTS OF BIRDS

NO.	a	b	c	d	e	NOTES	NO.	a	b	c	d	e	NOTES
(6*)						See Ff 5							

SECTION I

AMPHIBIOUS ANIMALS, REPTILES, ETC.

NO.	a	b	c	d	e	NOTES	NO.	a	b	c	d	e	NOTES
5*							10*						
9*													

SECTION K

FISHES AND PARTS OF FISHES

NO.	a	b	c	d	e	NOTES	NO.	a	b	c	d	e	NOTES
8													

SECTION M

TREES AND PLANTS

NO.	a	b	c	d	e	NOTES	NO.	a	b	c	d	e	NOTES
1**							26						
3*							28*						
16*							31*						
24*													

SECTION N

SKY, EARTH, WATER

NO.	a	b	c	d	e	NOTES	NO.	a	b	c	d	e	NOTES
18*							34*						
18**							37*						

SECTION O

BUILDINGS, PARTS OF BUILDINGS, ETC.

NO.	a	b	c	d	e	NOTES	NO.	a	b	c	d	e	NOTES
1*							24*						
10*							25*						
19*													

SECTION R

TEMPLE FURNITURE AND SACRED EMBLEMS

NO.	a	b	c	d	e	NOTES	NO.	a	b	c	d	e	NOTES
2*							26						
3*							27						
3**							28						
16*							29						

SECTION S

CROWNS, DRESS, STAVES, ETC.

NO.	a	b	c	d	e	NOTES	NO.	a	b	c	d	e	NOTES
I					4		14**						
2*							17*						
6*							46						
14*													

SECTION T

WARFARE, HUNTING, BUTCHERY

NO.	a	b	c	d	e	NOTES	NO.	a	b	c	d	e	NOTES
3*							32*						
7*							33*						
8*							36						
9*							37						

SECTION U

AGRICULTURE, CRAFTS, AND PROFESSIONS

NO.	a	b	c	d	e	NOTES	NO.	a	b	c	d	e	NOTES
6*							23*						
6**							29*						

SECTION V

ROPE, FIBRE, BASKETS, BAGS, ETC.

NO.	a	b	c	d	e	NOTES	NO.	a	b	c	d	e	NOTES
7*							28*						
12*							29*						
12**							37*						
23*							39*						

SECTION W

VESSELS OF STONE AND EARTHENWARE

NO.	a	b	c	d	e	NOTES	NO.	a	b	c	d	e	NOTES
9*							18*						
10*													

SECTION Z STROKES, SIGNS DERIVED FROM HIERATIC, GEOMETRICAL FIGURES

NO.	a	b	c	d	e	NOTES	NO.	a	b	c	d	e	NOTES
12							13						

SECTION Aa

UNCLASSIFIED

NO.	a	b	c	d	e	NOTES	NO.	a	b	c	d	e	NOTES
7**													

SECTION Ff

SIGNS FOR TRANSCRIPTION FROM HIERATIC

NO.	a	b	c	d	e	NOTES	NO.	a	b	c	d	e	NOTES
1							6						
2							7						
3							8						
4							8*						
5							9						

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

NO.	a	b	c	d	e	NOTES	NO.	a	b	c	d	e	NOTES
L 1							L 19						
L 2							L 20						
L 3							U 1						
L 4							U 2						
L 5							U 3						
L 5*							U 4						
L 6							U 5						
L 7							U 6						
L 8							U 7						
L 9							U 8						
L 10							U 9						
L 11							U 10						
L 12							U 10*						
L 13							U 11						
L 14							U 11*						
L 15							U 12						
L 16							U 13						
L 17							U 14						
L 17*							U 15						
L 18							U 16						

SECTION Nn (*continued*)

NO.	<i>a</i>	<i>b</i>	<i>c</i>	<i>d</i>	<i>e</i>	NOTES	NO.	<i>a</i>	<i>b</i>	<i>c</i>	<i>d</i>	<i>e</i>	NOTES
U 17							U 20						
U 18							U 21						
U 18*							U 22						
U 19							U 22*						

EGYPTIAN GRAMMAR

BEING AN INTRODUCTION TO
THE STUDY OF HIEROGLYPHS

BY SIR ALAN GARDINER

THIRD EDITION, REVISED

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EGYPTIAN GRAMMAR

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 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55

Sect. B. WOMAN AND HER OCCUPATIONS

1 2 3 4 5 6 7

Sect. C. ANTHROPOMORPHIC DEITIES

1 2 3 4 5 6 7 8 9 10 11 12 17 18 19 20

Sect. D. PARTS OF THE HUMAN BODY

1 2 3 4 5 6 7 8 9 10 11 12
 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 27* 28 29 30 31 32 33 34 34*
 35 36 37 38 39 40 41 42 43 44 45 46 47 48* 48 49 50 51 52 53
 54 55 56 57 58 59 60 61 62 63

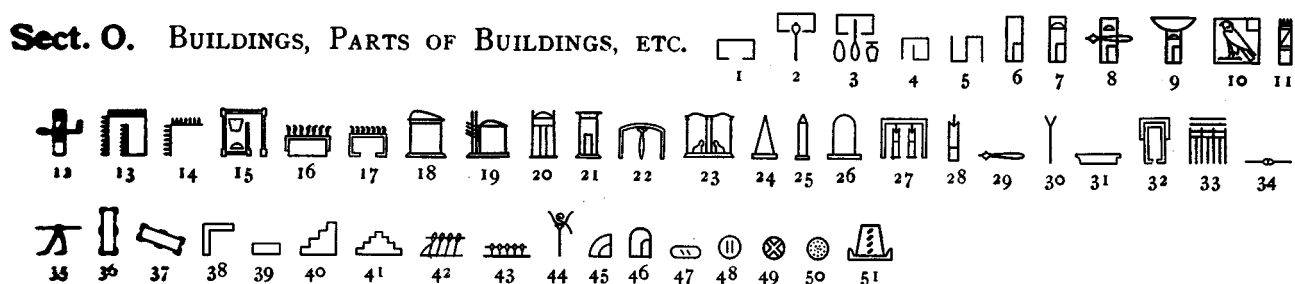
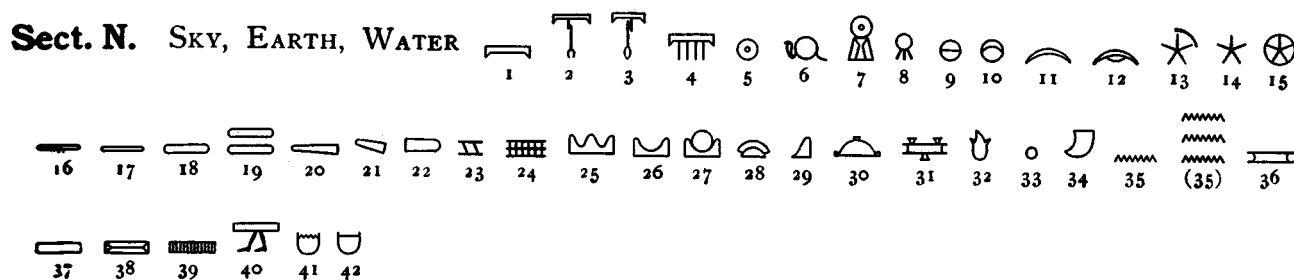
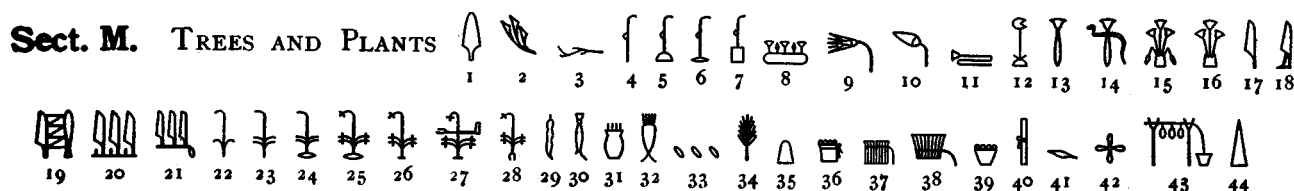
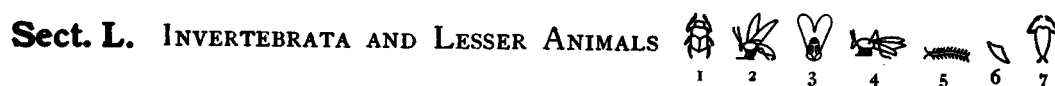
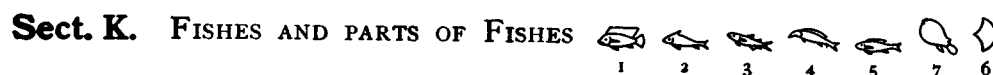
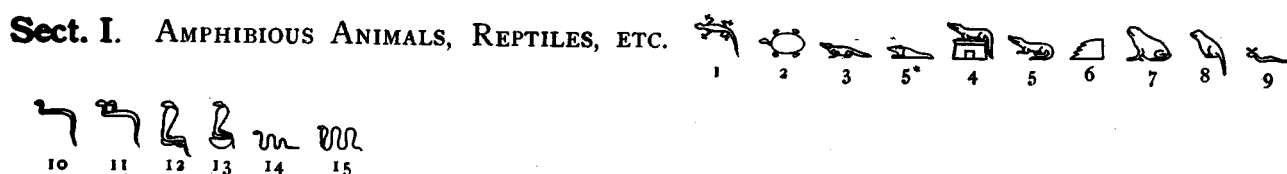
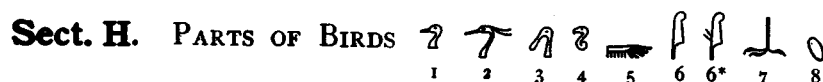
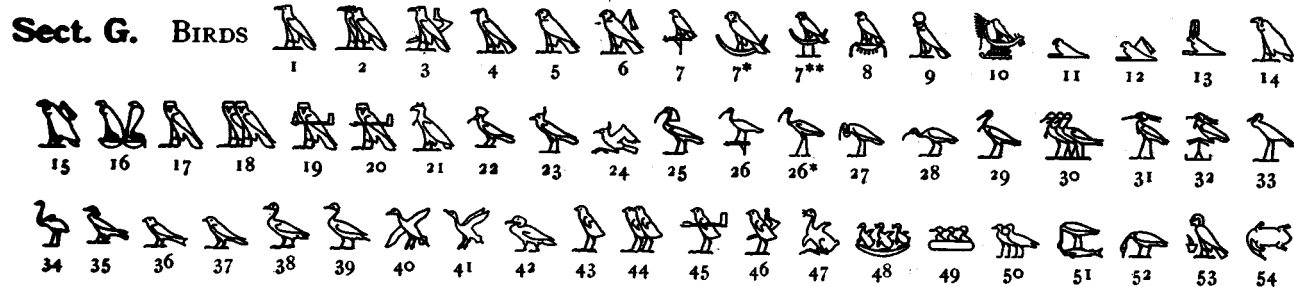
Sect. E. MAMMALS

1 2 3 4 5 6 7 8 8* 9 10 11 12 13 14
 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34

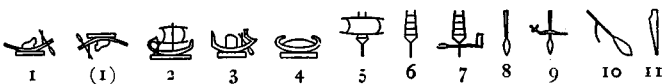
Sect. F. PARTS OF MAMMALS

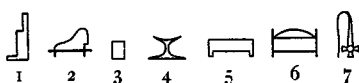
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38
 39 40 41 42 43 44 45 46 47 48 49 50 51 52

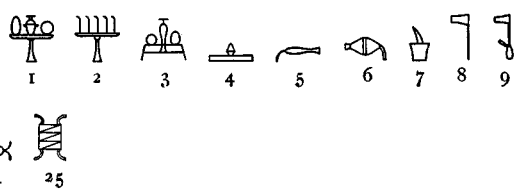
INDEX TO THE FOREGOING SIGN-LIST

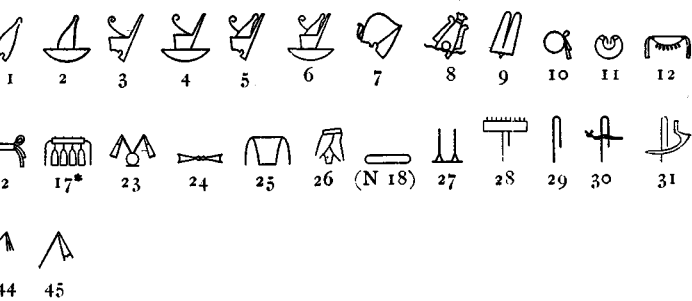


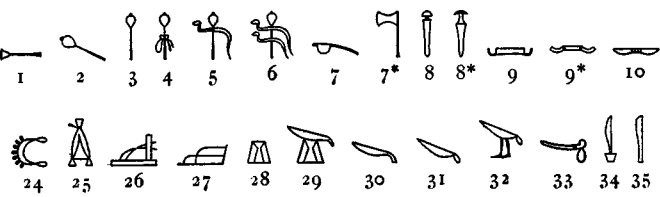
EGYPTIAN GRAMMAR

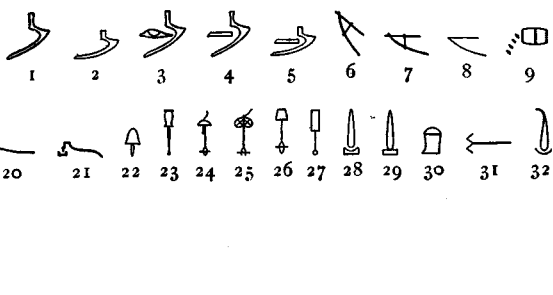
Sect. P. SHIPS AND PARTS OF SHIPS 

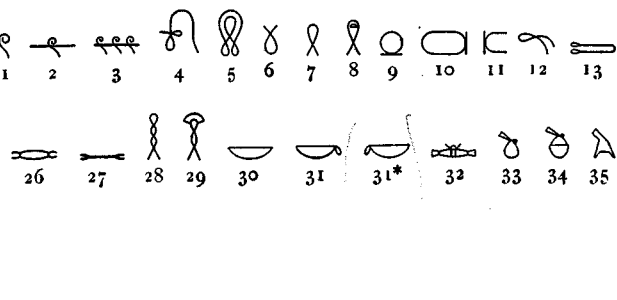
Sect. Q. DOMESTIC AND FUNERARY FURNITURE 

Sect. R. TEMPLE FURNITURE AND SACRED EMBLEMS 

Sect. S. CROWNS, DRESS, STAVES, ETC. 

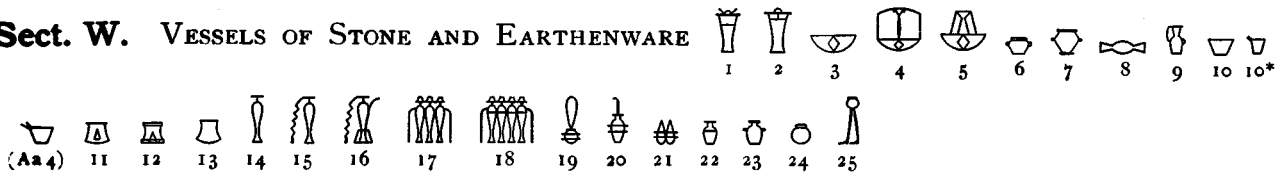
Sect. T. WARFARE, HUNTING, BUTCHERY 

Sect. U. AGRICULTURE, CRAFTS, AND PROFESSIONS 

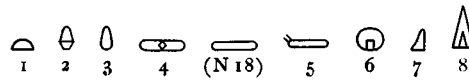
Sect. V. ROPE, FIBRE, BASKETS, BAGS, ETC. 

INDEX TO THE FOREGOING SIGN-LIST

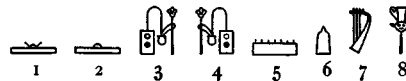
Sect. W. VESSELS OF STONE AND EARTHENWARE



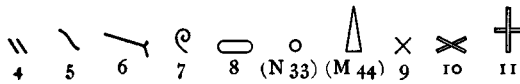
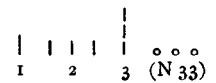
Sect. X. LOAVES AND CAKES



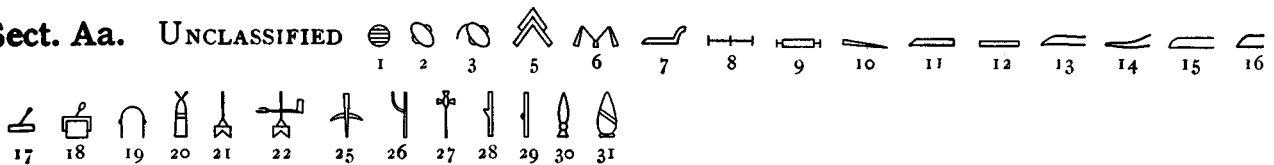
Sect. Y. WRITINGS, GAMES, MUSIC



Sect. Z. STROKES, SIGNS DERIVED FROM HIERATIC, GEOMETRICAL FIGURES



Sect. Aa. UNCLASSIFIED

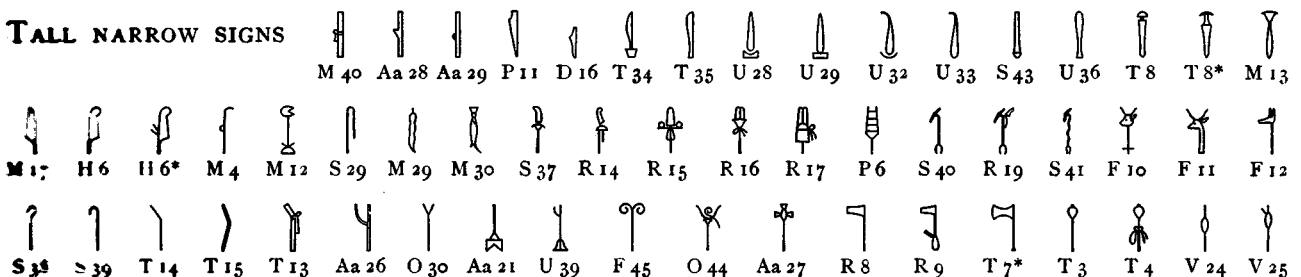


For reasons explained p. 442, top, the following signs have been removed from the place to which they were originally assigned and now stand at some distance from the positions indicated by the attached letter and number: A 59 , see after A 25; S 17* , see after S 22; V 39 , see after S 34; Aa 4 , see after W 10*; Aa 23 , Aa 24 , see after U 35; Aa 32 , see after T 10. A few hieroglyphs are treated in more than one place: M 44  also before Z 9; N 18  also after S 26 and X 4; N 33  (smaller than  D 12) also after Z 8; O 30  also reversed  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.

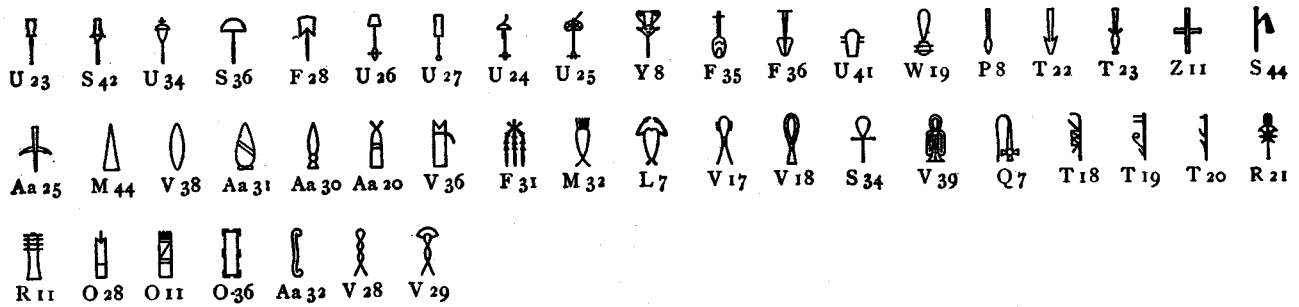
A SELECTION OF SIGNS GROUPED ACCORDING TO SHAPE

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.

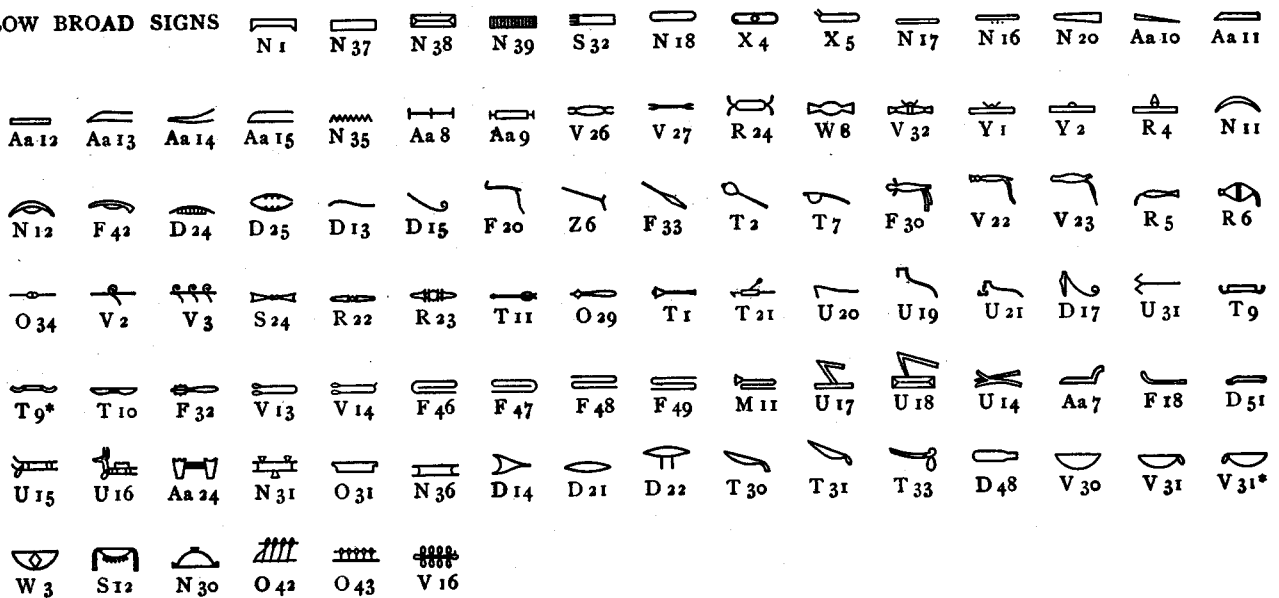
TALL NARROW SIGNS



EGYPTIAN GRAMMAR



LOW BROAD SIGNS



LOW NARROW SIGNS

