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EGYPTIAN GRAMMAR

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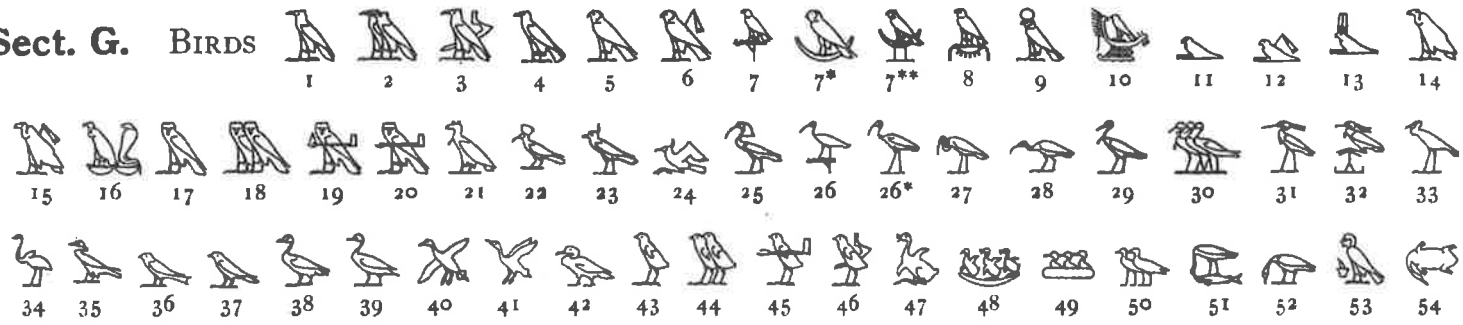
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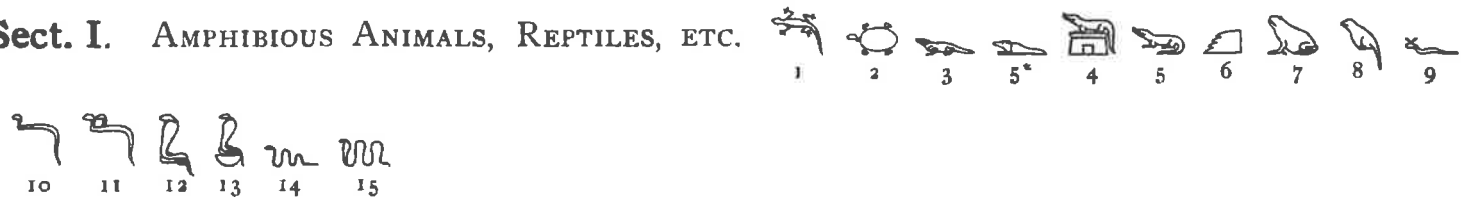
Sect. G. BIRDS



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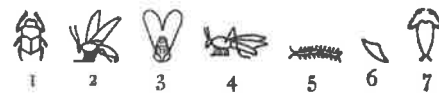
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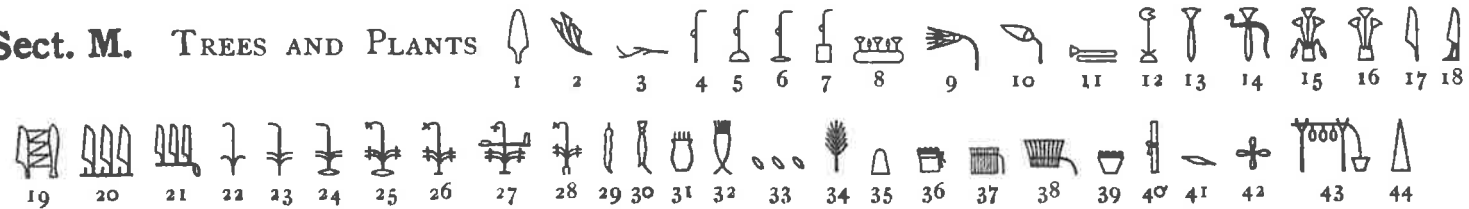
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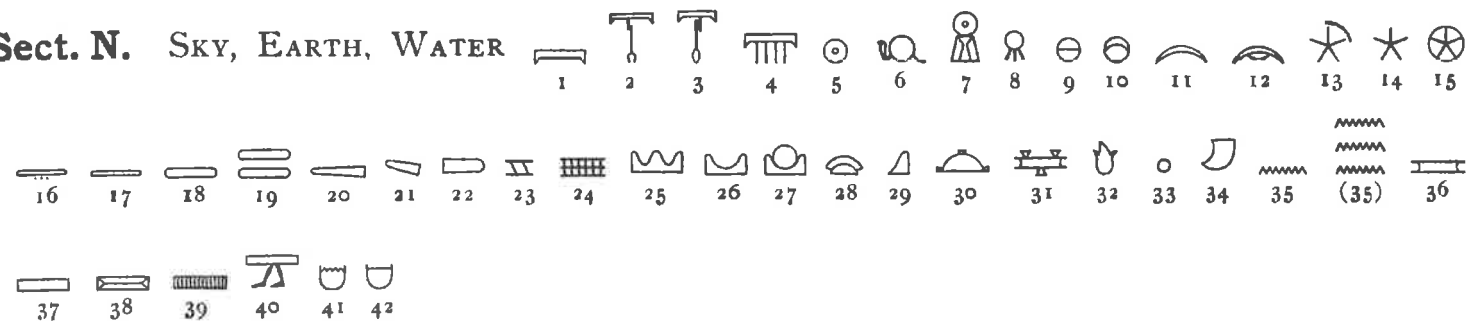
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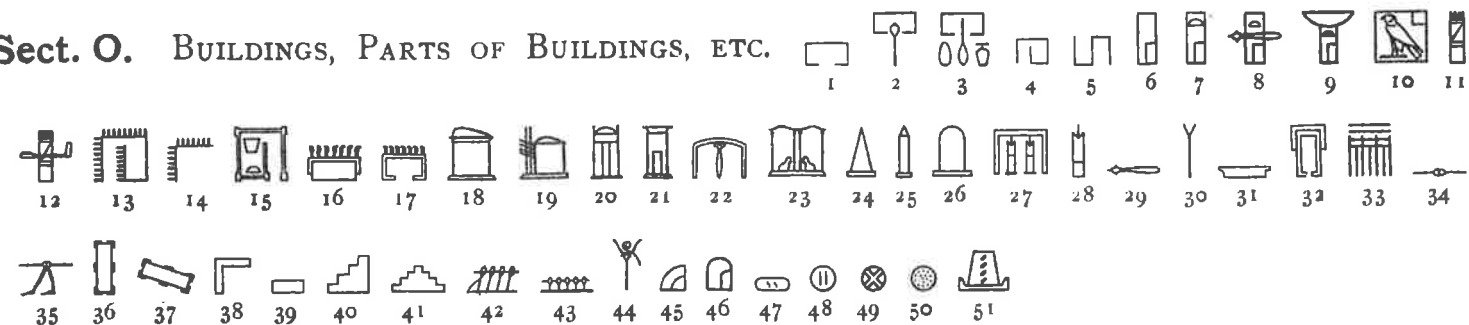
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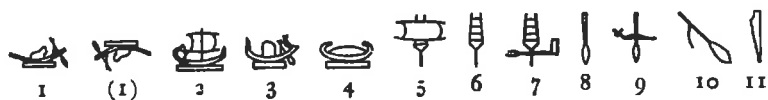


Sect. O. BUILDINGS, PARTS OF BUILDINGS, ETC.

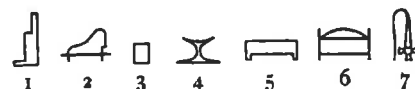


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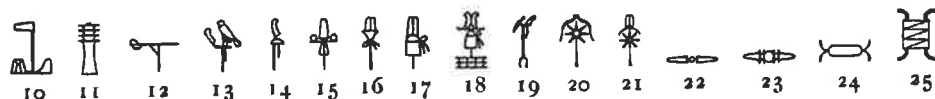
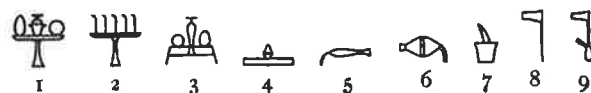
Sect. P. SHIPS AND PARTS OF SHIPS



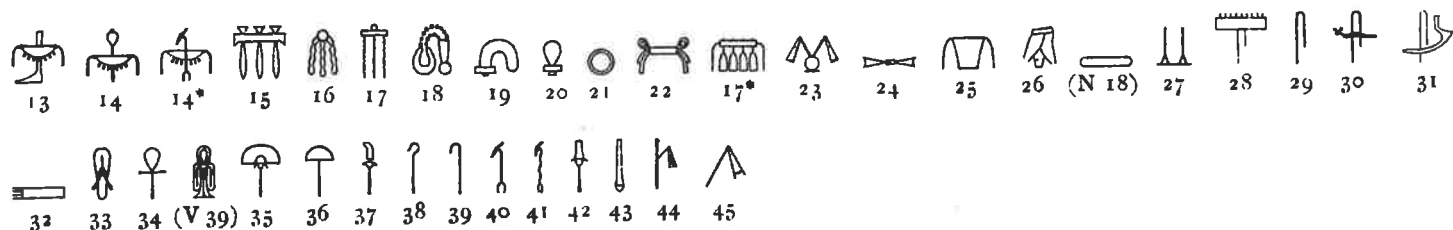
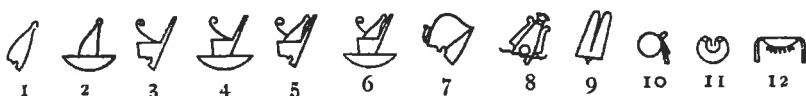
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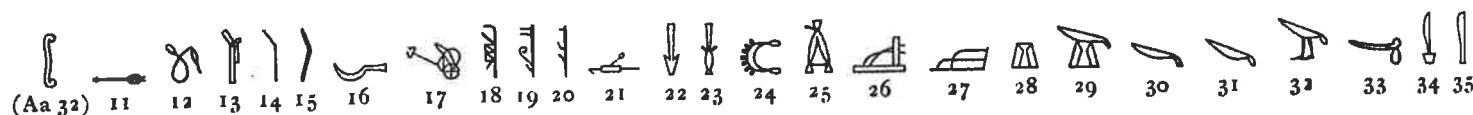
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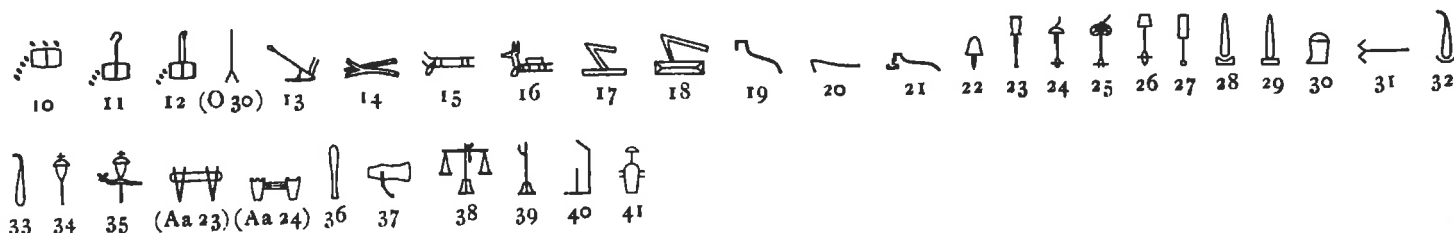
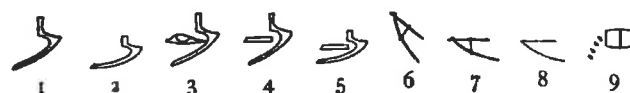
Sect. S. CROWNS, DRESS, STAVES, ETC.



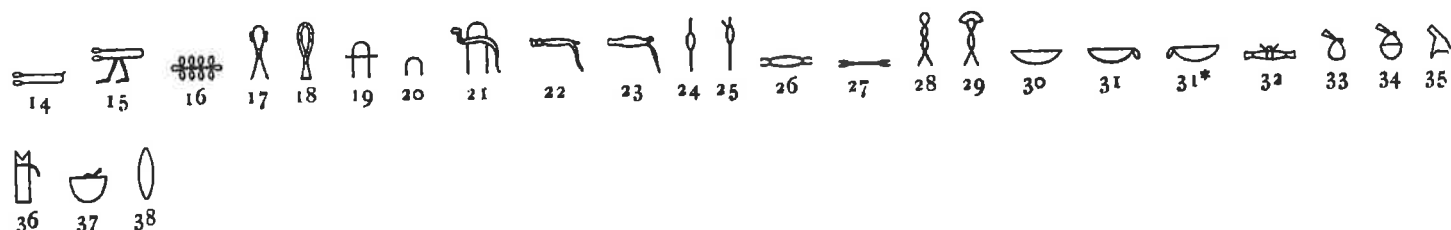
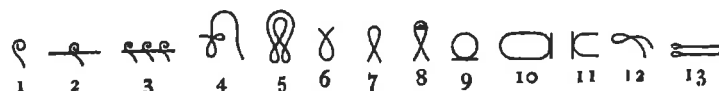
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Sect. U. AGRICULTURE, CRAFTS, AND PROFESSIONS



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

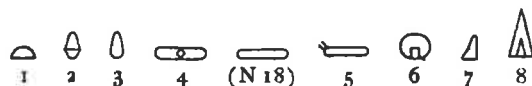


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Sect. W. VESSELS OF STONE AND EARTHENWARE



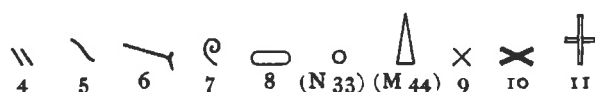
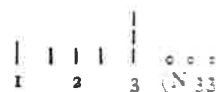
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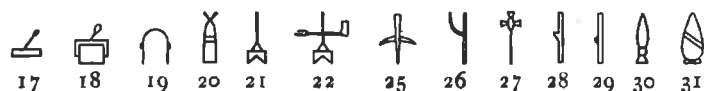
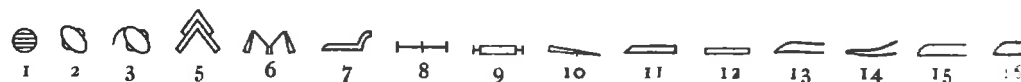
Sect. Y. WRITINGS, GAMES, MUSIC
















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



Sect. Aa. UNCLASSIFIED

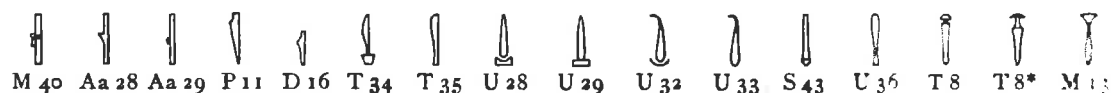


For reasons explained p. 442, top, the following signs have been removed from the place to which they were originally assigned and now stand at some distance from the positions indicated by the attached letter and number: A 59 , see after A 25; S 17* , see after S 22; V 39 , see after S 34; Aa 4 , see 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  O 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.

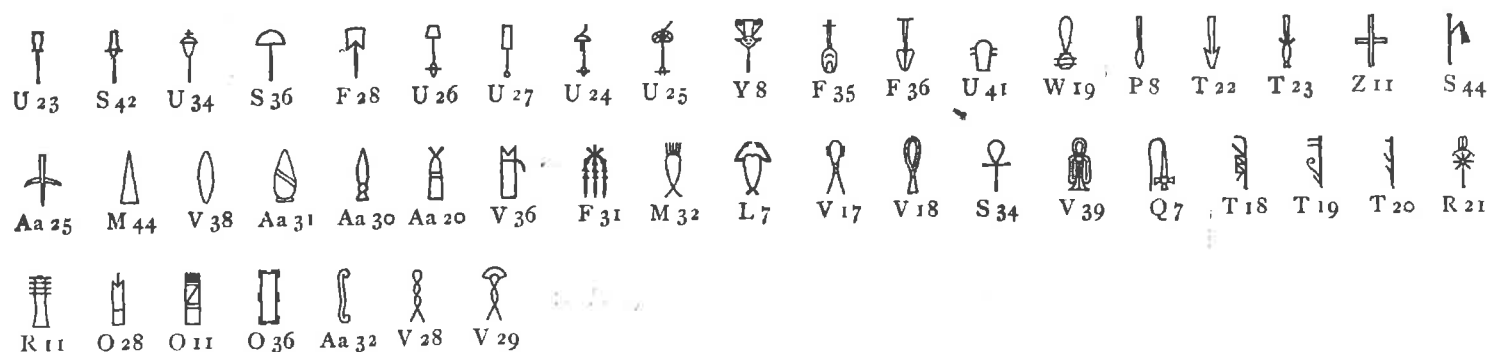
A SELECTION OF SIGNS GROUPED ACCORDING TO SHAPE

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.

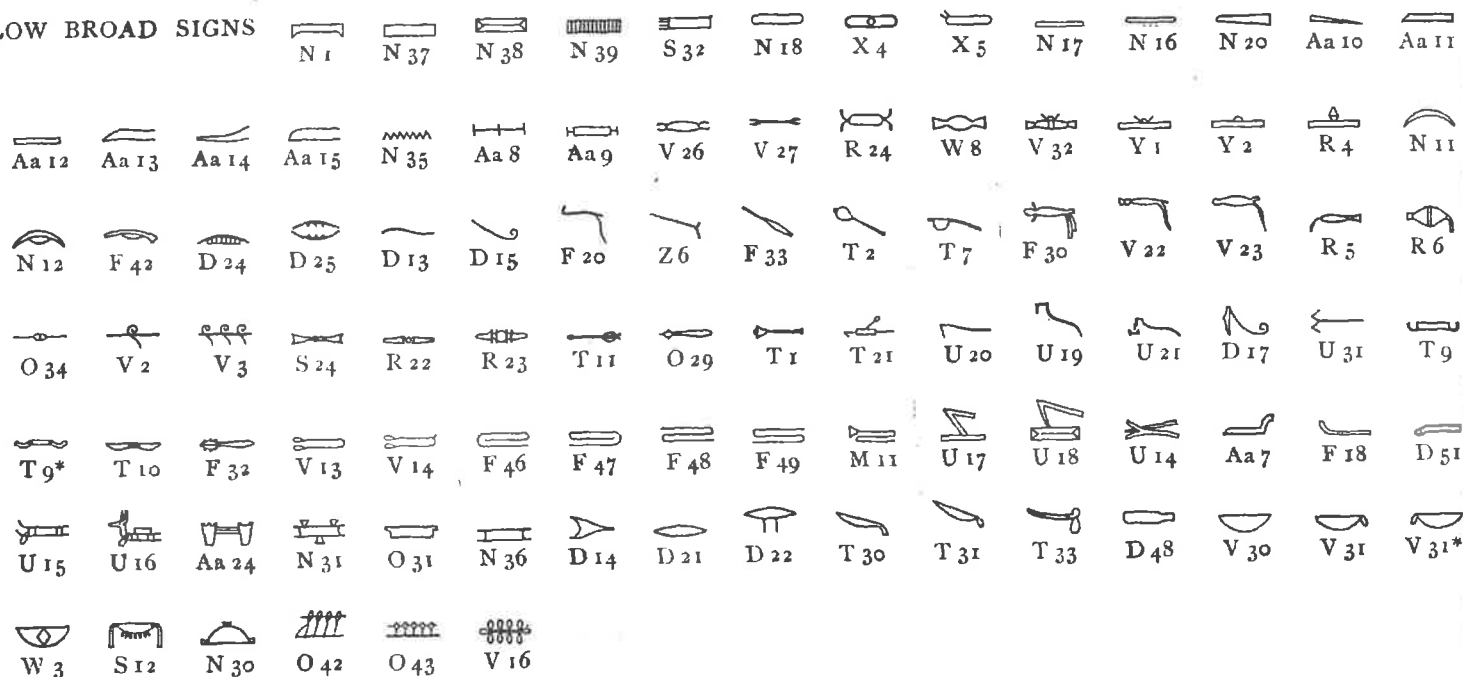
TALL NARROW SIGNS



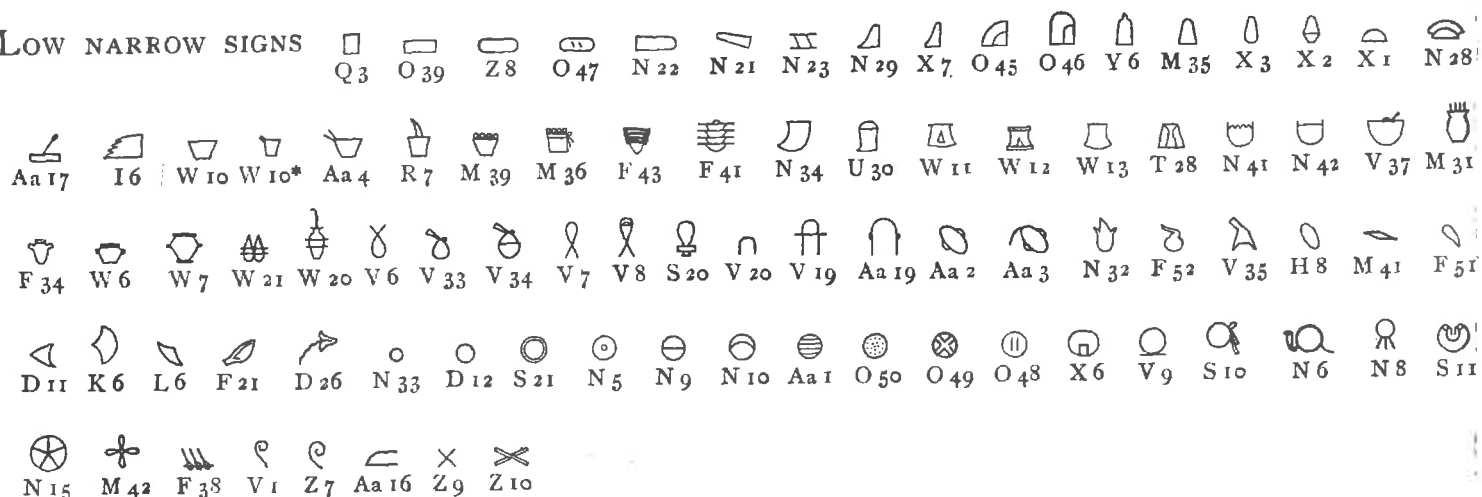
EGYPTIAN GRAMMAR



LOW BROAD SIGNS



LOW NARROW SIGNS



ANNOTATED SIGN LIST
















(NUMBERED ACCORDING TO GARDINER'S SIGN LIST INDEX)























SIGN LIST















In the following sign list the numbers correspond to those of Gardiner's Egyptian Grammar.

- I. indicates that the sign is an ideogram.
 D. indicates that the sign is a determinative.
 P. indicates the phonetic value of signs that are phonograms.
 Ab. indicates determinatives that are used as abbreviations representing the words that they normally determine.






A. MAN AND HIS OCCUPATIONS

1.  Seated man. - I. Man (s). D. Occupations, relationships, personal names. Pronoun first person singular.
-  Seated man and woman. - I. Human beings, man and woman (*rmṯ*, *mrt*). D. People, groups of human beings.
2.  Man with hand to mouth. - I. or D. All activities of the mouth: eat (*wnm*), be hungry (*ḥkr*), talk (*mdw*), answer (*wšb*).
3.  Man sitting on heel. - I. or D. Sit (*ḥmsi*).
4.  Man with arms raised. - I. or D. Adore (*dw3*), hide (*imn*).
5.  Man hiding behind a wall. - I. or D. Hide (*imn*).
6.  Man receiving purification. - I. Purify, be pure (*w'b*).
7.  Man sinking to ground from fatigue. - D. Be tired, be faint, rest.
9.  Man steadying basket on head. - I. Load (*3tp*), carry (*f3i*). D. Work (*k3t*).
12.  Soldier with bow and quiver. - I. Army (*mš'*). D. Soldiers.
13.  Man with arms tied behind his back. - D. Prisoner, rebel (*sbi*), enemy (*ḥfty*).
14.  Man with blood streaming from his head. - D. Enemy (*ḥfty*). Die (*mwt*).
- 14a.  Variant of last.
15.  Man falling. - I. Fall (*ḥr*).
17.  Child sitting (on lap) with hand to mouth. - I. Child (*ḥrd*). D. Child, nobleman (*sr*).
















- 17a.  Child sitting (on lap), variant of last. - Used as last.
19.  Bent man leaning on stick. - I. or D. Old (*i3w*), eldest (*smsw*), great (*wr*).
21.  Man holding stick in one hand and handkerchief in the other. - I. or D. Magistrate (*sr*).
22.  Statue of man with stick and 'b3 sceptre. - I. or D. Statue (*hnty*, *twt*).
23.  King with stick and club..- D. Sovereign (*ity*).
24.  Man striking with stick. - I. Strike (*hwi*), take (*it*). D. Force, violence. Every action that demands an effort. Ab. Strong (*nht*).
25.  Man striking, with left arm hanging behind back. - I. Strike (*hwi*).
26.  Man standing with one arm raised. - D. Call, summon (*nis*, 'š). Ab. 'š summon in *sdm*-'š servant.
27.  Man hastening with one arm raised. - P. in in a variation of the preposition *in*.
28.  Man with both arms raised. - D. Be high (*k3i*), rejoice (*h'i*), mourn (*h3*).
29.  Man upside-down. - D. Be upside-down (*shd*).
30.  Man with arms outstretched. - I. Praise (*i3w*). D. Adore (*dw3*), supplicate (*tw3*), show respect for (*tr*).
32.  Man dancing. - I. Dance (*hbi*, *ib3*). D. Jubilate.
33.  Man with stick and bundle on shoulder. - I. Herdsman (*mniw*). D. Wander (*rwi*).
34.  Man pounding in a mortar. - I. Pound, build (*hws*).
35.  Man building a wall. - I. Build (*kd*).
36.  Man brewing. - I. Brewer ('*fty*).
37.  Man brewing in a cistern. - I. Brew, strain ('*th*).
38.  Man holding necks of two emblematic animals with panther heads. - I. Name of the town of Kusae in Upper Egypt (*Kis*, *Ksy*).
39.  Variant of last.
40.  Seated man with beard and wig. - D. God, king.
41.  Seated king, uraeus on brow. - D. King.

42.  The same, but with flagellum (S45).
43.  King wearing crown of Upper Egypt (S1). - I. King of Upper Egypt (nsw).
44.  The same but with flagellum (S45).
45.  King wearing the crown of Lower Egypt (S3). - I. King of Lower Egypt (bity).
46.  The same but with flagellum (S45).
47.  Shepherd seated and wrapped in mantle, holding a stick with appendage. - I. or D. Guard, protect (s3w).
48.  Person seated and holding a knife (?). - D. In iry 'relating to', 'belonging to'. Ab. iry.
49.  Syrian seated holding stick. - D. Foreign people.
50.  Man of rank seated on chair. - I. Be noble (špsi). D. Revered persons.
51.  The same with flagellum (S45).
52.  Noble squatting with flagellum (S45). - D. Noble and revered persons.
53.  Mummy upright. - I. or D. Mummy (wi). D. Statue (tw), form (ki), be like (tw).
54.  Recumbent mummy. - D. Death, coffin.
55.  Mummy lying on bed. - D. Lie. Decease, corpse. Ab. Lie, spend all night (sdr).




B. WOMAN AND HER OCCUPATIONS























1.  Seated woman. - I. or D. Woman (st). D. Female occupations, relationships, names. - Suffix-pronoun first person singular feminine (Dyn. XIX), second person singular feminine (Dyn. XX).
2.  Pregnant woman. - I. or D. Conceive (iwr), be pregnant (bk3).
3.  Woman giving birth. - I. Give birth (msi) and related words.
5.  Woman suckling child. - I. Nurse (mn't).
7.  Queen holding a lotus. - D. Queen.





















C. ANTHROPOMORPHIC DEITIES



















1.  God with sun and uraeus on head. - I. The sun-god Re (R').
2.  God with falcon head bearing sun disk and holding sign S 34. - I. The sun-god Re (R').
3.  God with head of ibis. - I. Thot (Dhwtj).
4.  God with head of ram. - I. Khnum (Hnmw).
6.  God with head of dog. - I. Anubis (Inpw).
7.  God with head of Seth animal (E20). - I. Seth (Stj or Stš).
8.  Ithyphallic god with feathers, uplifted arm and flagellum (S45). - I. Min (Mnw).
9.  Goddess with sun disk and horns. - I. Hathor (Hwt-hr).
10.  Goddess with feather on head. - I. Maat (M3't), the goddess of Truth and Justice.
- 10a.  Goddess with feather on head and ankh-sign on knees. - Used as last.
11.  God with arms uplifted and with the sign M4 on head. - I. The god Heh (Hh). P. in hh 'million', 'many'.
- 11a.  The same without the sign M4 on head.
12.  God with two feathers and sceptre (S40). - I. Amon (Imn).
18.  God with feathers, sun-disk, and horns. - I. Tenen (Tnn).
19.  Mummy-shaped god with sceptres in hand. - I. Ptah (Pth).

D. PARTS OF THE HUMAN BODY




1.  Head in profile. - I. Head (tp and d3d3). D. Movements of the head.
2.  Face. - I. Face (hr). P. hr.
3.  Hair. - I. or D. Hair (šny). D. Complexion, colour (iwn), widow (h3rt), idea of lack. Mourn (i3kb).



























4.  Eye. - I. Eye (*irt*). D. See. In Connection with all notions involving the eye. P. *ir*
5.  Eye with paint. - D. Look (*dgi*), be wakeful (*rs*).
6.  Variant form of last. - Used as last.
7.  Eye with painted lower lid. - D. Eye-paint (*msdmt*), beautiful (*'n*). P. *'n*.
8.  Eye enclosed in sign for land (N18). - D. Turah (*'nw*). P. *'n*.
9.  Eye with flowing tears. - I. Weep (*rmi*).
10.  Human eye with the markings of a falcon's head. - I. The 'wedjat'-eye (*wḏ3t*), i.e. the sound or uninjured eye of Horus.
11.  Part of the white of the 'wedjat'-eye = 1/2 of the corn measure *hekat*.
12.  Pupil of the 'wedjat'-eye = 1/4 *hekat*.
13.  Eye-brow of the 'wedjat'-eye = 1/8 *hekat*.
14.  Other part of the white of the 'wedjat'-eye = 1/16 *hekat*.
15.  One of the markings under the 'wedjat'-eye = 1/32 *hekat*.
16.  Another of the markings below the 'wedjat'-eye = 1/64 *hekat*.
17.  The two markings below the 'wedjat'-eye together. - I. or D. Image, figure (*tit*).
18.  Ear. - I. Ear (*msḏr*).
19.  Nose, eye, and cheek. - I. Nose (*fnd*) . D. Nostril (*šrt*), smell (*sn*), joy (*ršw*). P. *hnt*
20.  Variant of last.
21.  Mouth. - I. Mouth (*r*). P. *r*.
22.  Mouth with two strokes attached. - I. Used in *s3wy* 'two-thirds'.
23.  Mouth with three strokes attached. - I. Used in 'three-quarters' (possibly read *s3 3*).
24.  Upper lip with teeth. - I. Lip (*spt*).
25.  Two lips with teeth. - I. The two lips (*spty*).





26.  Liquid issuing from lips. - I. Spit (*psg*), vomit (*bsi*). D. Blood (*snf*).
27.  Breast. - I. Breast (*mnḏ*). D. Suckle (*snk*, *mn'*), tutor (*mn'y*), nurse (*mn't*).
- 27a.  Variant of last. - Used as last.
28.  Uplifted arms. - I. The KA (*k3*). P. *k3*.
29.  The previous sign above the standard (R12). - I. The KA regarded as a divine being.
31.  Combination of D32 and U36. - I. Servant of the KA, priest title (*hm-k3*).
32.  Arms enclosing or embracing. - I. or D. Embrace (*hpt*).
33.  Arms engaged in rowing. - I. Row (*hni*). P. *hn*.
34.  Arms holding shield and battle-axe. - I. Fight (*'h3*) and related words.
- 34a.  Variant of last. - Used as last.
35.  Arms in gesture of negation. - I. Adverbs of negation *n* and *nn*; the negative relative adjective *iwt*. D. Be ignorant, not know (*hm*), forget (*smh*). P. *n* and *hm*.
- * 36.  Forearm. - I. Arm, hand (*'*). P. *'*. This sign is used as substitute for other signs containing the forearm.
- * 37.  Forearm with hand holding bread (X8). - I. Give (*di*, *rđi*, imperative *imi*). P. *d*, *mi*, *m*.
- * 38.  Forearm with hand holding a rounded loaf. - D. In the imperative *imi*. P. *mi*, *m*.
39.  Forearm with hand holding a bowl W24. - D. Present, offer (*drp*, *hmk*).
40.  Forearm with hand holding a stick. - D. Every action where an effort is needed. Ab. *h3i* examine, and *nht* strong.
41.  Forearm with palm of hand downwards. - I. and D. Arm, shoulder (*rmn*). D. Movements of arms. Cessation of movement. P. *ni*.
42.  Forearm as last, but with upper arm straight. - I. Cubit (*mḥ*) measuring 0.523 m.
43.  Forearm with hand holding flagellum S45. - I. Protect (*hwi*). P. *hw*.
44.  Forearm with hand holding the 'b3-sceptre S42. - I. Control, lead, administer (*hrp*).

45.  Arm with hand holding the *nhbt*-wand. - I. Be glorious, holy (*dsr*).
46.  Hand. - I. Hand (*drt*). P. d.
- 46a.  Hand letting fall drops. - I. Fragrance (*idt*).
47.  Hand with curved palm. - I. Hand (*drt*).
49.  Fist. - D. Grasp (*hf'*), seize (*3mm*)
50.  Finger. - I. Finger (*db'*). P. *db'*.
51.  Finger horizontally. - I. Nail, claw (*'nt*). P. Take (*t3i*), measure (*h3i*), press (*dkr*). D-P. *dkr*, in *dkrw* fruit. Ab. *dkrw* fruits, *k3w* grains.
52.  Phallus. - D. Male, man (*t3y*). P. *mt*.
53.  Phallus with liquid issuing from it. - I. or D. Phallus (*b3h*, *hnn*). Urinate (*wsš*), beget (*wtt*).
54.  Legs walking. - I. Come (*iw*), walk, step (*nmтт*). D. All verbs expressing a motion forwards.
55.  Legs walking backwards. - D. Turn back (*'nn*) and other verbs expressing a motion backwards.
56.  Leg. - I. or D. Leg (*w'rt*), foot (*rd*), knee (*pd*). P. *w'r*, *pds*, *gh* or *ghs*.
57.  Leg (D56) with crossing knife (T30). - D. Be mutilated (*i3t*), damage (*nkn*).
58.  Foot. - I. Place where the foot is (*bw*). P. *b*.
59.  Foot with crossing forearm. - P. Horn (*'b*).
60.  Foot (D58) with a vase from which water flows. - I. Pure, clean (*w'b*).
- 60a.  Variant of last without the foot. - Used as last.
61.  Toes. - I. Toe (*s3h*). P. *s3h*.



















E. MAMMALS
























1.  Bull. - I. Bull (*k3*), bull or ox (*ih*, *iw3*). D. Cattle (*mmnt*).
2.  Bull, variant of last. - I. Bull (*k3*), epithet of Pharaoh. D. Fighting bull (*sm3*).
3.  Calf. - I. Calf (*bhs*).












4.  Recumbent cow with divine ornaments. - I. Sacred cow (*ḥs3t*).
5.  Cow suckling calf. - D. Be joyful (*3ms*).
6.  Horse. - I. Horse (*ssmt*). D. Pair of horses (*ḥtr*).
7.  Ass. - I. or D. Ass (*'3*).
8.  Kid. - I. Kid (*ib*). D. Small cattle (*'wt*). P. *ib*.
- 8a.  Kid jumping, variant of last. - Used as last.
9.  Newborn foal. - P. *iw*.
10.  Ram. - I. or D. Ram (*b3*). The ram-headed god Chnum (*Hnmw*). D. Sheep (*sr*).
12.  Pig. - I. Pig (*rrri* and *s3i*).
13.  Cat. - I. Cat (*miw*).
14.  Greyhound. - I. Dog (*iw*, *t̄sm*).
15.  Recumbent dog. - I. Anubis (*Inpw*). Rebus writing for *ḥry šst3* 'he who is over the secrets'.
16.  Recumbent dog on shrine. - Same use as last.
17.  Jackal. - I. or D. Jackal, dignitary (*s3b*).
18.  Dog on the standard R12. - I. Wepwawet meaning 'opener of the way' (*Wp-w3wt*).
20.  Animal of Seth. - I. The god Seth (*Stḥ*). D. Fury, turmoil, confusion (*ḥnnw*, *nšni*).
21.  Recumbent Seth animal. - D. Storm, rage.
22.  Lion. - I. Lion (*m3i*).
23.  Recumbent lion. - I. Lion (*rw*). P. *rw*.
24.  Panther. - I. Panther (*3by*).
25.  Hippopotamus. - I. Hippopotamus (*dib*, *ḥ3b*).
26.  Elephant. - I. Elephant (*3bw*).
27.  Giraffe (*mmy*). - I. or D. Foretell (*sr*).
28.  Oryx. - I. Oryx (*m3ḥd*).
29.  Gazelle. - I. Gazelle (*ghs*).
30.  Ibex. - D. Ibex (*n3w*, *nr3w*, *ni3*).

31.  Goat with collar carrying a cylinder seal. - I. and D. Noble (s'h) and related words.
32.  Baboon. - D. Baboon (i'n), monkey (ky). Be furious (knd).
33.  Monkey. - D. Monkey (gf, gif).
34.  Desert hare (sh't). - P. wn.











F. PARTS OF MAMMALS

























1.  Head of ox. - Replaces k3 (E1).
2.  Head of infuriated bull. - D. Rage (dnd).
3.  Head of hippopotamus (originally of lion). - I. Might (3t). P. 3t in 3t moment.
4.  Forepart of lion. - I. Front (h3t) and derivatives.
5.  Head of bubalis. - P. šs3.
6.  Forepart of bubalis. - Used as last.
7.  Ram's head. - I. Ram's head (šft). D. Dignity (šfyt, šfšft).
8.  Forepart of ram. - Used as last.
9.  Head of leopard (b3). - D. Strength (phty).
10.  Head and neck of longnecked animal. - I. Throat (bh). D. Swallow ('m), be parched (nd3).
11.  Old Kingdom form of last.
12.  Head and neck of canine animal. - I. Neck (wsrt). P. wsr.
13.  Horns of ox. - I. Horn, top, brow (wpt). P. wp in open (wpi); ip in message (ipwt).
14.  Combination of F13 and M4. - In New Year's Day (wpt-rnpt).
15.  Combination of F14 and N5. - Used as last.
16.  Horn. - I. or D. Horn (db, hnt, 'b). P. 'b.
17.  Horn combined with a vase with water (cf. D60). - I. or D. Purification ('bw).
18.  Tusk of elephant. - I. Tooth (ibh and nhdt). D. Bite (psh), laugh (sbt). P. bh, hw and h.























19.  Lower jaw-bone. - I. Jaw ('rt).
20.  Tongue. - I. Tongue (ns). D. Taste (dp, dpt). P. ns; sportive writing: imy-r (lit. one who is in the mouth) overseer.
21.  Ear of ox (?). - I. or D. Ear (msdr). Hear (sdm) and other actions connected with the ear. P. idn.
22.  Hind-quarters of lion or leopard. - I. Hind-quarters, end (phwy). D. Bottom (kf3). P. ph.
23.  Foreleg of ox. - I. Foreleg, arm (hpš).
24.  The same reversed.
25.  Leg and hoof of ass. - I. Hoof (whmt). P. whm in herald, report (whm).
26.  Skin of a goat. - I. Skin (hnt). P. hn.
27.  Hide. - I. or D. Animal skin (dhr). D. Leather, rug, mammals.
28.  Variant of last. - I. Dappled (s3b).
29.  Hide pierced by an arrow. - I. Pierce (sti). P. st.
30.  Waterskin (šdw). - P. šd.
31.  Three foxes' skins tied together (mst). - P. ms in give birth (msi).
32.  Animal's belly showing teats and tail. - I. Belly, body (ht). P. h.
33.  Tail. - I. Tail (sd). P. sd.
34.  Heart. - I. Heart (ib). D. Heart (h3ty).
35.  Heart and windpipe. - P. nfr in nfr good and derivatives.
36.  Lung and windpipe (sm3). - P. sm3 in unite (sm3) and derivatives.
37.  Backbone and ribs. - I. Back (i3t). D. Back (psd).
38.  Variant of last. - Used in psd back.
39.  Backbone with marrow issuing from it. - I. Marrow (im3h). D. Back (rare). D-P. Venerated state (im3hw).
40.  Portion of backbone with spinal cord issuing at both ends. - I. (?) Stretch out, be long (3wi). P. 3w.
41.  Vertebrae. - D. Back (psd). Cut, slaughter (š't, š'd).

42.  Rib. - I. Rib (*spr*). P. *spr* in approach (*spr*) and derivatives.
44.  Leg-bone with adjoining meat. - I. Thigh (of beef), femur (*iw'*). D. Leg of beef, tibia (*swt*). D.-P. or P. *iw'* in inherit (*iw'*) and derivatives; *isw* in exchange (*isw*).
45.  Uterus of heifer. - I. Uterus (*hmt*). D. Cow (*hmt*).
46.  Intestine. - I. Intestine (*k3b*). I. and P. Go round (*phr*, *dbn*) and derivatives. D. Turn (*wdb*).
- 46a.  Variant form of last. - Used as last.
47.  Variant of F46.
48.  Another variant of F46. - Particularly for deben-weight = 91 gram (*dbn*).
50.  Combination of F46 and S29. - In copy and write out (*sphr*).
51.  Piece of flesh. - D. Meat (*iwf*), limb (*h'*, *'t*), parts of the body. Ab. Members, body (*h'w*), and vagina (*kns*).
- 51a.  Variant of last.
52.  Excrement. - D. Excrement (*hs*).










G. BIRDS

1.  Egyptian vulture. - I. Vulture (3). P. 3.
3.  Combination of G1 and U1. - P. *m3*.
4.  The longlegged buzzard. - P. *tyw*, *tiw*.
5.  Falcon. - I. Horus (*Hr*).
6.  Falcon with flagellum. - D. Falcon (*bik*).
7.  Falcon of Horus on a standard (R12). - I. Horus (*Hr*). D. God, king (*nsw*, *hm*).
- 7a.  Falcon in boat. - P. *'nty*.
- 7b.  Variant of last. - Used as last.
8.  Falcon of Horus on the sign for gold S12. - In the title of the king 'Horus of gold' (*Hr n nbw*).
9.  Falcon with sun disk N5. - I. Horus (*Hr*).













10.  Falcon on sacred bark. - I. or D. The god Sokaris (*Skr*). D. The *hnw*-bark of Sokaris.
11.  Cult statue of a falcon. - D. Divine image ('šm, 'hm, 'hm).
12.  The same with a flagellum.
13.  The same as G11 with the double plumes S9. - I. Horus of Nekhen (*Hr Nhny*). D. The god Soped (*Spdw*).
14.  Vulture. - I. or D. Vulture (*nrt*). P. *nr*. I. The goddess Mut (*Mwt*). P. *mwt*, *mt*.
15.  The same with flagellum S45. - I. Mut (*Mwt*).
16.  Vulture G14 and cobra I12 on basket V30. - In the royal title 'the two ladies' (*nbtj*)
17.  Owl. - P. *m*.
18.  Two owls. - P. *mm*.
19.  Combination of G17 and D37. - P. *mi*, *m*.
20.  Combination of G17 and D36. - Used as last.
21.  Nubian and Sudanese guinea fowl (*nh*). - P. *nh*.
22.  Hoopoe. - P. *db* in brick (*dbt*).
23.  Lapwing. - P. or D.-P. in 'common folk' (*rhyt*).
24.  Variant of last.
25.  Crested ibis. - I. Spirit (*3h*). P. in 'be glorious' and derivatives (*3h*).
26.  Sacred ibis on a standard R12. - I. or D. White ibis (*hb*). The god Thot (*Dhwtj*).
- 26a.  Variant of last. - Used as last.
- 26b.  Variant of 26. - Used as 26.
27.  Flamingo. - I. or D. Flamingo (*dšr*). Hence red (*dšr*).
28.  Black ibis (*gmt*). - P. *gm* in find (*gmi*).
29.  Jabiru. - I. Soul (*b3*). P. *b3*.
30.  Three jabirus as monogram. - I. (?) Spirits, might (*b3w*).
31.  Heron. - I. or P. Phoenix (*bnw*). A kind of heron (*šnty*).




32.  Heron on a perch. - I. or D. Be inundated (b'hi).
33.  Egret. - I. Egret (sd3). P. Tremble (sd3, sd3d3).
34.  Ostrich. - I. Ostrich (niw).
35.  Cormorant. - P. 'k in enter ('k) and derivatives.
36.  Swallow or martin. - P. wr.
37.  Sparrow. - D. Small (nds), bad (bin), falsehood (grg) and similar ideas.
38.  White-fronted goose. - I. or D. Goose (many kinds of geese: r, gb, trp, smn). D. Birds (3pdw) and insects. Various words like perish (htm). P. (?) gb in the god Geb (Gb).
39.  Pintail duck. - I. or D. Duck (st). P. s3 in son (s3).
40.  Pintail duck flying. - I. Fly (p3). P. p3.
41.  Pintail duck alighting. - I. or D. Alight, halt (hni). D. Birds. D.-P. hn, kmi, shw.
42.  Fatted duck. - I. Fatten (ws3). D. Provisions (df3).
43.  Quail chick. - P. w.
44.  Two quail chicks. - P. ww.
45.  Combination of G43 and D36. - P. w'.
46.  Combination of G43 and U1. - P. m3w
47.  Duckling. - I. Nestling (t3). P. t3.
48.  Three chicks G47 in nest. - I. or D. Nest (sš).
49.  Ducks in a pool. - I. Pool, nest (sš).
50.  Two plovers. - In fuller, washerman (rhty).
51.  Egret pecking at fish. - D. Catch fish (h3m).
53.  Humanheaded bird preceded by the sign R7. - I. Soul (b3).
54.  Trussed goose or duck. - D. Wring neck of (birds), offer. P. snd in fear (snd) and derivatives.

H. PARTS OF BIRDS







1.  Head of pintail duck (G39). - D. Wring neck of (birds), offer. Abbreviated writing of fowl (3pdw) (G38).
2.  Head of crested bird. - D. (?) Forehead, temple (m3'). P. or D.-P. wšm.
3.  Head of spoonbill. - P. p3k, pk.
4.  Head of vulture G14. - P. nr. Through rebus writing used in people, folk (rmt).
5.  Wing. - I. or D. Wing (dnḥ). Fly ('ḥi, p3).
6.  Feather. - I. Feather (šwt), truth (m3't). P. šw.
- 6a.  Variant of last.
7.  Claw. - P. s3.
8.  Egg. - I. or D. Egg (swḥt). Also s3 son.

I. AMPHIBIOUS ANIMALS, REPTILES, etc.








1.  Lizard. - I. or D. Lizard (of different kinds: 'š, ḥnt3sw). P. in many ('š3) and derivatives.
2.  Tortoise. - I. Tortoise (štyw).
3.  Crocodile. - I. Crocodile (msh). D. Be greedy, voracious, aggressive. Two crocodiles P. ity.
4.  Crocodile on a shrine. - I. The crocodile-god Sobek (Sbk).
5.  Crocodile with curved tail. - D. (?) Collect, gather (s3k).
- 5a.  Crocodile with straight tail. - I. and D. The god Sobek (Sbk).
6.  Piece of crocodile-skin with spines. - P. km in Egypt (Kmt).
7.  Frog. - I. Frog (krr). - The frog-goddess Heket (Ḥkt).
8.  Tadpole. - P. in 'one hundred thousand' (ḥfn).
9.  Horned viper. - I. Viper (ft). P. f.
10.  Snake. - I. Snake (dt). P. d.
11.  Two snakes I10. - P. dd.

12.  Cobra (erect as on the forehead of the Pharaoh). - I. or D. Uraeus (*i'rt*). D. Goddess.
13.  Cobra I12 on basket V30. - D. Goddess. - In the royal title 'the two ladies' (*nbty*).
14.  Snake or worm. - I. or D. Worm (*ddft*), serpent (*hf3w*).




K. FISHES AND PARTS OF FISHES






















1.  *Tilapia nilotica*. - I. The *bulti*-fish (*int*). P. *in*.
2.  *Barbus bynni*. - P. *bw* in abomination (*bwt*).
3.  *Mugil cephalus*. - I. The *buri*-fish (*'dw* or *'dw*). P. *'d* in the title province administrator (*'d-mr*).
4.  *Oxyrhynchus* fish (*Mormyrus kannume*). - I. *Oxyrhynchos* (*h3t*). P. *h3*.
5.  *Petrocephalus bane*. - D. Fish in general (*rm*). P. *bs*.
6.  Fish-scale. - I. Fish-scale (*nšmt*).
























L. INVERTEBRATA AND LESSER ANIMALS

1.  Dung beetle. - I. Dung beetle (*hpr*). P. *hpr* in become (*hpr*).
2.  Bee. - I. Bee (*bit*), honey (*bit*). P. *bit* in king of Lower Egypt (*bity*).
3.  Fly. - I. or D. Fly (*'ff*).
4.  Grasshopper. - I. or D. Grasshopper (*snhm*).
5.  Centipede. - I. or D. Centipede (*sp3*).
6.  Bivalve shell. - P. *h3* in table of offerings (*h3t*).
7.  Scorpion. - I. The goddess Serket (*Srkt*).




















M. PLANTS AND TREES

1.  Tree. - I. or D. Trees (*mnw*). Various kinds of trees (*i3m*, *im(3)*). P. *i3m*, *im*.
- 1a.  Variant of last.
2.  Herb. - D. Plant, flower, reeds (*isw*), rush (*hni*). P. *hn* in vessel (*hnw*). D.-P. (?) *is*.























3.  Branch. - I. Wood, tree (*ḥt*). D. Different kinds of wood. Wooden objects. P. *ḥt*.
4.  Palm-branch. - I. or D. Be young (*rnpi*), regnal year (*ḥ3t-sp*), time, season (*tr*). P. *rnpi* in year (*rnpt*).
5.  Combination of M4 and X1. - I. or D. Season (*tr*).
6.  Combination of M4 and D21. - D. (and Ab.) Season (*tr*). D.-P. *tr, ti, ri*.
7.  Combination of M4 and Q3. - I. Be young (*rnpi*) and derivatives.
8.  Pool with lotus flowers. - I. Pool, meadow (*š3*). P. *š3*. I. Inundation season (*3ḥt*).
9.  Lotus flower. - I. Lotus (*sšn*).
10.  Lotus bud. - D. Lotus bud (*nḥbt*).
11.  Flower on long stalk. - I. or D. Offer (*wḏn*).
12.  Leaf, stalk and rhizome of lotus. - I. Leaf (of lotus) (*ḥ3*). P. *ḥ3*.
13.  Stem of papyrus. - I. Papyrus, papyrus column (*w3ḏ*). P. *w3ḏ*. Often substitute for V24 *wḏ*.
14.  Combination of M13 and I10. - P. *w3ḏ* and *wḏ* as substitute for V24.
15.  Clump of papyrus with buds. - D. Swamps (*idḥw*). Lower Egypt (*Mḥw* or *T3-mḥw*). Ab. Crown of Lower Egypt (*mḥ-s*), plant of the north (*mḥyt*).
16.  Clump of papyrus. - P. *ḥ3*. M16 often replaces M15.
17.  Flowering reed. - I. Reeds (*i*). P. *i*.
18.  Reed with legs (D54). - In come (*ii*) and related words.
19.  Combination of M17 and U36. - P. '3b in offering ('3bt).
20.  Reeds growing side by side. - I. Marshland, field (*šḥt*), hence peasant (*šḥty*).
21.  Like the last, but with a handle at the side. - I. Herb, plant (*sm*). P. *sm*.
22.  Rush with shoots. - P. *nḥb* in Elkab in Upper Egypt (*Nḥbt*).
- 22a.  Two rushes with shoots. - P. *nn*.



23.  Plant regarded as typical of Upper Egypt. - I. The swt-plant (swt). P. sw. In ni-swt king of Upper Egypt.
24.  The same on r (D21). - P. rs in South (rsy).
25.  Combination of M24 and M26. - Used for both M24 and M26.
26.  Sedge growing from a sign for land. - I. Upper Egypt (šm'w) and derivatives. P. šm'.
27.  Combination of M26 and D36. - Used as M26.
28.  Combination of M26 and V20. - In the archaic title 'greatest of the ten of Upper Egypt' (wr mdw šm'w).
29.  Pod from some sweetsmelling tree. - P. ndm sweet and related words.
30.  Sweet-tasting root (?). - I. or D. Sweet (bnr) and derivatives.
31.  Stylised rhizome of a lotus. - D. Grow (rd).
32.  Variant of last.
33.  Grains of corn. - I. Barley (it). D. Corn, grains.
- 33a.  Variant of last.
34.  Bearded ear of spelt. - I. Spelt, wheat (bdt, bty).
35.  Heap of corn. - D. Heap ('h'w).
36.  Basket of fruit. - D. Bind together (dm3). P. dr.
37.  Bundle of green stems (O.K. form of M36). - P. dr.
38.  Bundle of flax. - D. Flax (mh). Bind (dm3).
39.  Basket of fruit. - D. Offering consisting of fruit and vegetables (rnpt, hnkē).
40.  Bundle of reeds. - P. is.
41.  Log of wood. - D. Wood ('š, w'n).
42.  Flower (?). - P. wn in eat (wnm).
43.  Vine on props. - D. Vine (i3rrt), wine (irp).
44.  Thorn. - I- Thorn (srt). D. Sharp, pointed (spd).

N. SKY, EARTH, WATER



















1.  Sky. - I. Sky (*pt*). D. The sky-goddess Nut (*Nwt*), heaven (*hrt*), also in 'the double gate' (*rwty*). P. *hry* in 'which is above' (*hry*) and related words.
2.  Sky with a star suspended from it. - I. or D. Night (*grh*), dusk (*'hhw*).
3.  Variant of last.
4.  Moisture falling from the sky. - I. or D. Dew (*idt*, *i3dt*), rain-storm (*šnyt*).
5.  Sun. - I. Sun (*r'*), day (*r'*, *hrw*, *ssw*), the sun-god Re (*R'*). D. Actions of sun, notions of time.
6.  Sun with uraeus. - I. The sun-god Re (*R'*).
7.  Combination of N5 and T28. - Ab. Day-time, lit. what belongs to the day (*hrt-hrw*).
8.  Sunshine. - D. Shine, rise (*psd*, *wbn*). P. *wbn* in wound (*wbnw*) and *hnmmt* in the sun-folk of Heliopolis (*hnmmt*).
9.  Moon with its lower part obscured. - I. or D. New-moon festival (*psdntyw*, *psdtyw*). P. *psd* in divine ennead (*psdt*). - Sign sometimes mixed up with X6.
10.  Variant of last.
11.  Crescent moon. - I. Moon (*i'h*).
12.  Variant of last.
13.  Half a crescent and a star. - I. Half-month festival (... nt).
14.  Star. - I. Star (*sb3*), morning (*dw3t*). D. Stars, notions of time. P. or D.-P. *sb3*, *dw3*.
15.  Star in circle. - I. Duat, the world of transformations (*dw3t*).
16.  Flat alluvial land with grains of sand (*N33*) beneath it. - I. Earth, flat land (*t3*). D. Estate (*dt*). D.-P. Serf, eternity (*dt*).
17.  The same without the grains of sand.
18.  Sandy tract. - I. Island (*iw*). D. Foreign country. Horizon or the land where the sun rises (*3ht*) and related words.
19.  The last repeated twice. - *3hty* in Horakhty.
























also for X4










20.  Tongue of land. - I. or D. Sand-bank shore (*wdb*). P. *wdb* in 'return'.
21.  Tongue of land. - I. or D. Bank, region (*idb*).
22.  Sandy tongue of land. O.K. form of both N20 Nd N21.
23.  Irrigation canal. - D. Irrigated land, boundary.
24.  Land crossed by irrigation runnels. - I. District, 'nome' (*spt*, *sp3t*). D. Different nomes. Garden (*hsp*).
25.  Sandy hill-country. - I. Hill-country, foreign land, desert (*h3st*). D. Desert, hill. Foreign people and countries. Necropolis (*smt*).
26.  Sand-covered mountain. - I. Mountain (*dw*). P. *dw*.
27.  Sun rising over mountain. - I. Place where the sun rises (*3ht*).
28.  Hill over which are the rays of the rising sun. - I. Hill of the sunrise (*h'*). Hence appear in glory (*h'i*). P. *h'*.
29.  Sandy hill-slope (cf. hill, height (*k33*)). - P. *k*.
30.  Mound of earth. - I. Mound, region (*i3t*).
31.  Road bordered by shrubs. - I. Road (*w3t*, *mtn*, *hrt*). Position, motion, distance. Ab. 'be far away' (*hr*).
32.  Lump of clay or dung. - Alternative form of F52 and Aa2.
33.  Grain of sand, pellet, or like. - D. Sand (*š'y*). Metal or mineral, medicaments.
- 33a.  Three grains of sand, pellets, or the like.
34.  Ingot of metal. - I. Copper (*bi3*, *hmt*). D. Objects of copper or bronze.
35.  Ripple of water (*nt*). - P. *n*.
- 35a.  Three ripples of water. - I. Water (*mw*). D. Water, liquid, actions connected with water. P. *mw*.
36.  Channel filled with water. - I. Canal, channel (*mr*). D. Rivers, lakes, seas. P. *mr*, *mi*.
37.  Garden pool. - I. Pool (*š*). P. *š*.
38.  Variant of last.
40.  Combination of N37 and D54. - In go (*šm*).

41.  Well full of water. - D. Well (*hnmt*), marshlands, limits (*phww*). As substitute for the female organ: woman, wife (*hmt*). P. *hm*, *bi3*.
42.  Variant of last.












O. CONSTRUCTIONS, PARTS OF BUILDINGS



1.  House. - I. House (*pr*). D. House, building, seat. P. *pr* in go forth (*pri*) and derivatives.
2.  Combination of O1 and T3. - Used in treasury (*pr-hd*).
3.  Combination of O1, P8, X3, and W22. - Used in invocation offerings (*pri-hrw*).
4.  Courtyard or reed shelter. - I. Shelter, room, courtyard (*h*). P. *h*.
5.  Winding street. - I. or D. Street (*mrri*). P. *mr* in the bull Mnevis (*Mr-wr*). *nm* in traverse (*nmi*), roar (*nmi*).
6.  Rectangular building seen in plan. - I. Castle (*hwt*).
7.  Alternative form of last.
8.  Combination of D6 and D29. - Used in *hwt*-*'3t* temple, lit. great castle.
9.  Combination of O7 and V30. - Used in the name of Nephthys (*Nbt-hwt*).
10.  Combination of O6 and G5. - Used in the name of Hathor (*Hwt-hr*).
11.  Palace with battlements. - I. Palace (*'h*).
12.  The same as last combined with D36.
13.  Battlemented wall. - D. Gateway (*sbht*). Wall in, enclose (*sbh*).
14.  Variant of last.
15.  Walled enclosure combined with W10 and X1. - Hall in palace or temple (*wsht*).
16.  Gateway with protecting serpents. - I. Curtain, gateway (*t3*, *t3yt*).
17.  Variant of last.
18.  Shrine seen from side. - I. Naos, chapel (*k3ri*, *k3i*).

19.  Primitive shrine. - D. Name of pre-dynastic shrine of Upper Egypt (*Pr-wr*).
20.  Shrine. - D. Shrine (*itr̥t*, *hm*). Pre-dynastic shrine of Lower Egypt (*Pr-nw*, *Pr-nsr*).
21.  Façade of shrine. - I. The divine booth (*sh̥-n̥tr*).
22.  Open booth supported by a pole. - I. Booth (*sh̥*). P. *sh̥* in counsel (*sh̥*).
23.  Hall used in the *sed*-festival. - I. The royal jubilee festival (*hb-sd*).
24.  Pyramid. - I. Pyramid, tomb (*mr*).
25.  Obelisk. - I. Obelisk (*thn*).
26.  Stela. - I. Funerary stela (*wḏ*). D. Stela, station of the king (*'h'w*).
27.  Hall of columns. - D. Hall of columns (*ḏ3dw*), office (*h3*).
28.  Column with tenon on top. - I. Column (*iwn*). P. *iwn*.
29.  Wooden column. - I. Column (*'3*). P. *'3*. Also found vertically.
30.  Supporting pole. - I. Pole (*sh̥nt*). D. Support.
31.  Door. - I. Door (*'3*). D. Open. P. *'3* (rarely).
32.  Gateway. - D. Door (*sb3*).
33.  Façade of palace or tomb. - D. In *srh̥*, banner for the king's Horus name.
34.  Bolt. - I. Bolt (*s*). P. *s*.
35.  Combination of 034 and D54. - P. *s* mainly in verbs of motion.
36.  Wall. - I. Wall (*inb*). D. Bulwark, fortification.
37.  Falling wall. - D. Demolish.
38.  Corner of wall. - I. Corner (*knbt*), magistrates (*knbt*). D. Gate (*'rrt*), street (*mr̥rt*).
39.  Stone slab or brick. - D. Stone (*inr*, *'3t*), brick (*ḏbt*), weight.
40.  Stairway. - I. Stairway (*rwd*). D. Terrace, terraced hill (*htyw*).
41.  Double stairway. - D. High place (*k3y*). Ascend (*i'r*).









42.  Fence. - P. šsp in receive (šsp) and derivatives.
43.  Variant of last.
44.  Emblem erected outside the temple of Min. - D. Office, rank (i3wt, i3t).
45.  Domed building. - I. or D. Harim (ipt).
47.  A prehistoric building at Hierakonpolis. - I. Hierakonpolis (Nhn).
48.  Variant of last.
49.  Village with cross-roads. - I. Town, village (niwt). D. Inhabited region.
50.  Circular threshing floor covered with grain. - I. Threshing floor (spt). P. sp in time (sp).
51.  Granary. - I. Granary (snwt).

P. SHIPS AND PARTS OF SHIPS









1.  Boat on water. - I. or D. Boats and ships of different kinds (imw, dpt, k3k3w etc.). D. Sail (n'i), fare downstream (hdi) and other words related to sailing.
- 1a.  Boat upside down. - D. Upset, overturn (pn').
2.  Ship under sail. - D. Sail upstream (hnti).
3.  Sacred bark (great variations in details in different cases. - I. Sacred bark (wi3). D. Divine barks and sailing.
- 3a.  Variant form of sacred bark.
4.  Fisherman's boat with net. - I. Fisherman (wh'). P. wh' in unbind, dissolve.
5.  Sail. - I. Wind, breath (t3w, nf). D. Wind, storm. Blow, breathe.
6.  Mast. - P. 'h' in stand ('h') and derivatives.
7.  Combination of P6 and D36. - Used as last.
8.  Oar. - I. Oar (hpt). D.-P. Course (hpt). P. hrw in voice (hrw) and other words. Often in horizontal position.
9.  Combination of P8 and I9. - Used in 'he says' (hr(y).fy).



















10.  Steering oar. - I. or D. Steering oar (*hmw*), steersman (*hmy*).
11.  Mooring post. - I. Mooring post (*mnit*). D. Moor, die (*mni*).

Q. DOMESTIC AND FUNERARY FURNITURE






















1.  Seat. - I. Seat (*st*). D. Every kind of seat. P. *st* in lap (*m3st*); *ws* in Osiris (*Wsir*); *3s* in Isis (*3st*); *htm* in perish (*htm*).
2.  Portable seat. - I. Seat (*st*). P. *ws* in Osiris (*Wsir*).
- 2a.  The same reversed.
3.  Stool of reed matting. - I. Base for statue (*p*). P. *p*.
4.  Head-rest. - I. Head-rest (*wrs*).
5.  Chest. - I. Box (*hn*), chest (*'fdt*).
6.  Coffin. - I. Coffin (*krsw*). D. Bury (*krs*).
7.  Brazier with flame rising from it. - D. Fire, flame (*ht*, *sdt*), heat (*rkht*), torch (*tk3*). Cook (*psi*).






















R. TEMPLE FURNITURE AND SACRED EMBLEMS





1.  Table with loaves and jug. - I. Table for meals (*tt*), table of offerings (*h3wt*, *h3t*).
2.  Table with conventionalized slices of bread. - Used as last.
3.  Table with loaves and libation jug. - I. Offering table, altar (*wdhw*).
4.  Loaf (X2) on a reed mat. - I. Altar (*htp*). P. *htp* in be pleased, rest (*htp*) and derivatives.
5.  Censer. - I. Fumigate (*k3p*). P. *k3p*, *kp*.
6.  O.K. form of last. - Used as last.
7.  Bowl for incense with smoke rising from it. - I. Incense (*sntr*). - Also used in front of G29 and G53 in the word 'soul' (*b3*).
8.  Cloth wound on a pole, emblem of divinity. - I. God (*ntr*, *ntr*) and derivatives. D. Names of divinities.

- 8a.  Combination of three signs R8. - I. Gods (*ntrw*).
9.  Combination of R8 and V33. - I. Natron (*bd*).
10.  Combination of R8, T28, and N29. - I. Necropolis (*hrt-ntr*).
11.  Column imitating a bundle of stalks tied together. - I. Djed-column (*dd*). P. *dd* in be stable (*ddi*).
12.  Standard for carrying religious symbols. - I. Standard (*i3t*). D. Also accompanying various ideograms for gods.
13.  Falcon (G5) on standard with feather, emblem of the West. - I. West (*imnt*) and derivatives.
14.  Abbreviation of last. - I. West (*imnt*) and derivatives, right, to the right (*wnmi*).
15.  Spear decked out as standard, emblem of the East. - I. East (*i3bt*) and derivatives, left, to the left (*i3bi*). Interchanges by confusion with U23.
16.  Papyrus-shaped wand with feathers. - I. or D. The *wh*-fetish of Kusae in Upper Egypt.
17.  Wig with fillet and plumes on pole. - I. or D. Fetish of Abydos or Thinis (*T3-wr*).
18.  Variant of last.
19.  Combination of S40 with fillet and feather. - I. Thebes (*W3st*).
20.  Flower surmounted by horns. - I. The goddess Sechat (*Sš3t*).
21.  O.K. form of last. - Used as last.
22.  Two fossil belemnites(?), emblem of the god Min. - I. The god Min (*Mnw*). P. *hm* in sanctuary (*hm*), and Letopolis (*Hm*).
23.  O.K. form of last. - Used as last.
24.  Two bows tied together, emblem of the goddess Neith. - I. Neith (*Nt*, *Nrt*).
25.  O.K. form of last. - Used as last.
















S. CROWNS, DRESS, STAVES, etc.





















1.  White Crown of Upper Egypt. - I. The White crown (hdt).
D. Crown (šm'-s, wr^{rt}).
2.  The last in basket (V30). - The same use.
3.  Red crown of Lower Egypt. - I: The red crown (dšrt).
D. Crown (mh-s). P. n.
4.  The last in basket (V30). - D. Red crowns (nt, mh.s).
P. n.
5.  Combined white and red crowns. - D. The double crown
(šhmt^y), the 'pshent' of the Greek period (p3-šhmt^y).
6.  The last in basket (V30). - I. or D. The double crown
(šhmt^y, wr^{rt}).
7.  The blue crown. - I. The blue crown (hprš).
8.  The atef-crown of Osiris. - I. The atef-crown (3tf).
9.  Two plumes. - I. Double plumes (šwty).
10.  Band of cloth as fillet. - I. Fillet (mdh), crown,
wreath (w3hw). P. mdh in hew (mdh), carpenter (mdhw).
11.  Collar of beads with falcon-headed terminals. - I.
Collar (wsh). P. wsh.
12.  Collar of beads. - I. Gold (nbw) and derivatives. D.
Precious metal.
13.  Combination of S12 and D58. - In smelt (gold), fashion
(nbi).
14.  Combination of S12 and T3. - In silver (hd).
- 14a.  Variant of last.
15.  Pectoral of beads. - I. or D. Fayence, glass (thnt).
Sparkle (thn). P. thn in the name of a Libyan
population (Thnw).
16.  O.K. form of last. - Used as last.
17.  Another O.K. form of S15. - Used as last.
18.  Bead-necklace with counterpoise. - I. menat-necklace
(mnit).
19.  Cylinder-seal attached to bead-necklace. - I. Treasurer
(sd3wty). Also in the related word 'precious' (sd3w).
20.  Cylinder-seal attached to bead-necklace. - I. Seal
(htm). D. Seal, sealed documents.




21.  Ring (possibly a plain finger-ring. - D. Ring (*iw'w*, '*w*)).
22.  Kind of knot holding together the clothes. - P. *st* and *st*. I. or D. Larboard (*t3-wr*).
23.  Knotted strips of cloth. - I. Unite, bind (*dmq*) and derivatives.
24.  Girdle knot. - I. Knot (*tst*). Bind (*ts*).
25.  Garment. - In dragoman (*'w*)
26.  Apron. - I. or D. Apron (*šndyt*, *šndwt*).
27.  Horizontal strip of cloth with two strands of a fringe. - I. Clothing (*mnht*).
28.  Strip of cloth with fringe, combined with the folded cloth S29. - D. Clothe, clothing (*hbs*). Conceal, uncover.
29.  Folded cloth. - P. *s*. Abbreviation for health (*snb*).
30.  Combination of S29 and I9. - P. *sf* in yesterday (*sf*).
31.  Combination of S29 and U1. - P. *sm3* in fighting bull (*sm3*).
32.  Piece of cloth with fringe. - I. Piece of cloth (*si3t*). P. *si3* in recognize (*si3*).
33.  Sandal. - I. Sandal (*tbt*). Hence be shod (*tb*) and sandal-maker (*tbw*).
34.  Tie or strap, especially sandal-strap. - I. Sandal-strap (*'nh*). P. *'nh* in live (*'nh*).
35.  Fan of ostrich feathers (*flabellum*). - I. Shadow, shade (*šwt*), protection (*šw*). D. Standard (*sryt*).
36.  O.K. form of last - Used as last.
37.  Short-handled fan. - I. Fan (*hw*).
38.  Crook. - I. Sceptre (*hk3t*, *hkt*). P. *hk3* in rule (*hk3*).
39.  Peasant's crook. - P. *'wt* in flocks of small animals (*'wt*).
40.  Sceptre with straight shaft and head of Seth-animal (cf. also R19). - I. *w3s*-sceptre (*w3s*). P. *w3s*. - Replaces sometimes the *q3m*-sceptre S41. P. *q3m* and *i3tt*.
41.  Sceptre with wavy shaft and head of Seth-animal. - P. *q3m*.

42.  Sceptre of authority, originally of different types for various uses. - I. 'b3-sceptre ('b3), shm-sceptre (shm), hrp-sceptre (hrp). I. or D. Control, lead, (hrp). P. 'b3, shm, hrp.
43.  Walking-stick. - I. Walking-stick (mdw). P. md in speak (mdw) and derivatives.
44.  Walking stick with flagellum S45. - I. 3ms-sceptre (3ms).
45.  Flail or flagellum, part of the insignia of the king and of Osiris. - I. Flagellum (nh3h3, nhhw).


















T. WARFARE, HUNTING, BUTCHERY























1.  Prehistoric mace with dish-shaped head. - P. mn esp. in m n.k take to yourself.
2.  Pear-shaped mace. - D. Smite (skr).
3.  Mace with pear-shaped head (vertical). - I. Mace (hd). P. hd.
- 3a.  Variant of last.
4.  The same with strap. - Used as last. Also P. sk.
5.  Combination of T3 and I10. - Used as last.
6.  Combination of T3 and I10 twice. - P. hdd.
7.  Axe. - I. or D. Axe (mbit, minb), carpenter (mdhw). Hew (mdh).
- 7a.  Axe of more recent type. - D. Axe (3khw).
8.  Dagger of archaic type. - I. or D. Dagger (bgsw). P. tpy in first (tpy).
- 8a.  Dagger of M.K. and later type.
9.  Bow. - I. or D. Bow (pdt). Hence pd stretch and related words.
- 9a.  Variant of last. - Used as last.
10.  Composite bow. - I. or D. Bow (iwnt). - Substitute for T9 in pdt bow, foreign people and derivatives.
11.  Arrow. - I. or D. Arrow ('h3 or 'h3w, šsr). P. or D.- P. shr in overlay (shr); sin or swa in physician (sinw).



12.  Bow-string. - I. String, bow-string (*rwḏ*). D. Oppress, drive away (*3r*). D.-P. *3r* and *3i* in in wretched (*m3ir*), *rwḏ* in be hard (*rwḏ*).
13.  Pieces of wood joined and lashed at the joint. - P. *rs* in be wakeful, dream (*rs*).
14.  Throw-stick, club as a foreign weapon of warfare. - I. or D. Throw-stick (*'m'3t*), throw (*'m'3*, *ḳm3*). D. Asiatic (*'3m*), Libyans (*Ṭḥnw*). Foreign people in general. D.-P. *ḳm3* in create (*ḳm3*); *ṭn* in distinguish (*ṭni*). - With the sound-value of *ḳm3* and *ṭn* the sign is often combined with the duck alighting (*G41*).
15.  O.K. form of last. - Used as last.
16.  Scimeter. - I. or D. Scimeter (*ḥpš*).
17.  Chariot. - I. Chariot (*wrrt*).
18.  Crook (*S39*) with a package containing a knife, etc. lashed to it. - I. Follow, accompany (*šms*) and derivatives.
19.  Harpoon-head of bone. - I. or D. Bone (*ḳs*). D. Bone, ivory, tubular objects. P. or D.-P. *ḳs* in be irksome (*ḳsn*); *ḳrs* in bury (*ḳrs*); *gn* in annals (*gnwt*).
20.  O.K. form of last. - Used as last.
21.  One-barbed harpoon. - I. One (*w'*) and derivatives.
22.  Two-barbed spear-head. - I. Two (*snw*) and derivatives. P. *sn*.
23.  Variant form of last. - Used as last.
24.  Fishing-net. - D. Capture animals (*'ḥ*, *iḥ*). P. *'ḥ* or *iḥ*.
25.  Reed-floats. - P. *ḏb3*.
26.  Bird-trap. - I. or D. Trap, snare (birds) (*šḥt*) and derivatives.
27.  O.K. form of last. - Used as last.
28.  Butcher's block. - I. (?) Under (*ḥr*). P. *ḥr*.
29.  Combination of T28 and T30. - I. Place of slaughter (*nmt*).
30.  Knife. - I. or D. Knife (*ḏs*). D. Be sharp, pronounce a name (*ḏm*). Cut, slaughter, carve.
31.  Knife-sharpener (?). - P. *sšm* in guide, lead (*sšm*) and derivatives.

32.  Combination of T31 and D54, with the same phonetic value.
33.  Butcher's knife-sharpener. - I. Butcher (sšm(?), mnhty(?)).
34.  Butcher's knife. - I. Knife (nm). P. nm.



















U. AGRICULTURE, CRAFTS, AND PROFESSIONS





















1.  Sickle. - I. Sickle-shaped end of the wi3-boat (m3). D. Reap (3sh). P. m3 in see (m33).
2.  Variant form of last. - Used as last.
3.  Combination of U1 and D4. - In see (m33).
4.  Combination of U1 and Aall. - In truth, justice (m3't) and derivatives.
5.  Variant form of last. - Used as last.
6.  Hoe. - D. Cultivate, hack up. P. mr in love (mri).
7.  Alternative form of last. - Used as last.
8.  Hoe without the rope connecting the two pieces. - D. Hoe (hnn). P. hn in hnw-bark.
9.  Corn-measure with grain pouring out. - D. Grain, spelt (bdt, bty), corn (sšr), measure (h3i).
10.  Corn-measure beneath grains M33. - I. Barley (it). D. Corn.
11.  Combination of U9 and S38. - In the corn-measure (h3t).
12.  Combination of U9 and D50. - In corn-measure (h3t).
13.  Plough. - I. or D. Plough (hb). D. Plough (sk3). Seed (prt). P. hb, šn'.
14.  Two branches of wood joined at one end. - Old sign for šn' later replaced by U13.
15.  Sledge. - I. Sledge (tmt). P. tm.
16.  Sledge with head of a jackal, bearing a load of metal (?). - I. in the adjective 'of copper' (bi3i). P. or D.-P. bi3.
17.  Pick excavating a pool (N38). - I. Found, establish (grg). D.-P. falsehood (grg).

18.  O.K. form of last. - Used as last.
19.  Adze. - I. Adze (nwt). P. nw.
20.  O.K. form of last. - Used as last.
21.  Adze at work on a block of wood. - D. Cut up (stp). P. in choose (stp) and derivatives.
22.  Chisel. - I. or D. Chisel, carve (mnḥ), efficient (mnḥ) and derivatives.
23.  Different kind of chisel. - P. mr, 3b.
24.  Stone worker's drill weighted at the top with stones. - I. Craft, art (ḥmt).
25.  O.K. form of last. - Used as last.
26.  Drill used to bore a hole in a bead. - I. Open (wb3) and derivatives.
27.  O.K. form of last. - Used as last.
28.  Fire drill (ḏ3). - P. ḏ3. Abbreviation for prosperity (wḏ3).
29.  O.K. form of last. - Used as last.
30.  Potter's kiln. - I. Kiln (t3). P. t3.
31.  Instrument employed in baking. - I. Baker (rtḥty). D. Restrain (rtḥ, ḥnri). Ab. in harim (ḥnr) and prison, fortress (ḥnrt).
32.  Pestle and mortar. - D. Pound (smn). Salt, natron (ḥsmn). Heavy, difficult (dns, wdn). D.-P. smn in natron and bronze (ḥsmn). Establish (smn). Ab. for natron and bronze (ḥsmn).
33.  Pestle. - I. Pestle (ti or t). P. ti, t.
34.  Spindle. - I. Spin (ḥsf). P. ḥsf in repel, oppose (ḥsf) and derivatives.
35.  Combination of U34 and I9. - The same use.
36.  Club used by fullers in washing. - I. Fuller (?) (ḥmww). P. ḥm in servant (ḥm) and related words; also in Majesty (ḥm).
37.  Razor. - I. or D. Shave (ḥ'k) and derivatives.
38.  Balance. - I. or D. Balance (mh3t).
39.  Post of balance. - D. Lift, carry (wtṣ), raise, lift (ṭsi).





















40.  Variant of last. - Used as last. - Replaces sometimes T13.
41.  Plummēt used in connection with the balance. - I. or D. Plummēt (*tḥ*).







V. ROPE, FIBRE, BASKETS, BAGS, etc.

1.  Coil of rope. - D. Rope, tie (*tṣ*), drag (*iṭḥ*), surround (*šni*). P. *šn*.
2.  Wooden beam with cord. - I. Drag, draw (*stṣ* and *st3*). D. Hasten (*3s*). P. *stṣ* in 'aroura' (*stṣt*).
3.  Similar sign with three cords. - P. *stṣw* in necropolis (*R-stṣw*).
4.  Lasso. - P. *w3*.
5.  Looped rope. - D. Plan, plot out, found (*snṭ*).
6.  Cord. - I. Cord, rope (*šs*). D. Clothes. P. *šs*.
7.  Loop of cord with the ends downward. - I. (?) Encircle (*šni*). P. *šn*.
8.  Variant form of last. - Used as last.
9.  Cartouche in original round form. - D. Cartouche (*šnw*).
10.  Cartouche in secondary oval form. - D. Circuit (*šnw*), cartouche (*šnw*), name (*rn*).
11.  Cartouche cut in half. - D. Dam off, restrain (*dni*), split (*ph3*).
12.  Band of string or linen. - D. Head-band (*sšd*), book, writing. Swear (*'rk*), loose (*fḥ*). D.-P. *'rk*, *fḥ*, *fnḥ*.
13.  Rope for tethering animals. - P. *t*.
14.  The same as last with an added diacritical tick. - P. *t*, *t*.
15.  Combination of V13 and D59. - In seize (*iṭi*).
16.  Looped cord serving as hobble for cattle. - I. Hobble (*s3*). P. *s3* in in protection (*s3*).
17.  Herdsman's shelter of papyrus matting. - I. Protection (*s3*).
18.  O.K. form of last. - Used as last.










19.  Hobble for cattle. - I. or D. Stable (mdt). D. Mat (tm3), sack (h3r). D.-P. tm3 kind of land division. - By confusion with a similar sign D. Palanquin, portable shrine (kni), shrine (k3r).
20.  The same without the cross-bar. - P. md in in ten (mdw).
21.  Combination of V20 and I10. - I. Stable (mdwt). P. md in be deep (md)
22.  Whip. - P. mh.
23.  O.K. form of last. - Used as last.
24.  Cord wound on stick. - P. wđ in in command (wđ).
25.  Alternative form of last.
26.  Netting needle filled with twine. - I. Spool, reel ('đ). - P. 'đ in be in good condition ('đ).
27.  O.K. form of last. - Used as last.
28.  Wick of twisted flax. - P. h.
29.  Swab made from a hank of fibre. - P. sk in perish (ski); w3h in in place (w3h).
30.  Wickerwork basket. - I. Basket (nbt). P. nb.
31.  Wickerwork basket with handle. - P. k.
32.  Wickerwork frail. - D. Hippopotamus hunter, harpooner (msnw). Possibly the same sign in bundle (g3wt) P. msn, g3w.
33.  Bag of linen. - I. Linen, cloth (sšr). D. Pack, envelop ('rf). Perfume (sty). P. sšr in thing, corn (sšr); g in Koptos (Gbtyw); wgg misery.
34.  Alternative form of last. - Used as last.
35.  O.K. form of last. - Used as last.
36.  Receptacle of some kind. - P. hn.
37.  Bandage (?). - D. Bandage, bind (idr). P. idr.
38.  Bandage. - D. Bandage, mummy-cloth (wt).

W. VESSELS OF STONE AND EARTHENWARE






1.  Sealed oil-jar. - I. or D. Oil, unguent (*mrht*, *mdt*).
2.  Oil-jar showing no tied ends. - D. Jar (*b3s*). P. *b3s* in Bastet (*B3stt*).
3.  Basin of alabaster as used in purifications. - D. Festival, feast (*hb*). P. *hb* in mourn (*hb*).
4.  Combination of W3 and O22. - I. or D. Feast (*hb*). D. Feasts.
5.  Combination of W3 and T28. - In lector-priest (*hry-hb*).
6.  O.K. sign for a particular vessel. - In cauldron (*wh̄t*).
7.  Granite bowl. - D. Red granite (*m3t*), Elephantine (*3bw*). D.-P. *m3t* in proclaim (*m3t*), *3b* in family (*3bt*).
8.  Deformation of the last. - In *3bw* Elephantine and *3bt* family.
9.  Stone jug with handle. - P. *hnm* in join (*hnm*) and the god Khnum (*Hnmw*).
10.  Cup. - I. or D. Different cups (*i'b*, *wsh̄*, *hnt*, *'*). P. *i'b*, *'b*, *wsh̄*, *hnt*.
- 10a.  Pot. - P. *b3*.
11.  Ring-stand for jars. - I. Seat (*nst*), red pot (*dšrt*). P. *g*.
12.  O.K. form of last, straight at bottom. - Used as last.
13.  Red earthenware pot, O.K. form, round at bottom and plain. - Used as W11.
14.  Tall water-pot. - I. Water-pot (*hst*). D. Jar. P. *hs* in praise (*hsi*).
15.  Water-pot with water pouring from it. - D. Be cool (*kbb*) and derivatives, libate (*kbb̄*) and derivatives.
16.  Combination of W15 and W12. - I. Libation (*kbb̄w*) and derivatives.
17.  Three water-pots bound together. - I. Set of water-pots (*hnt*). P. *hnt*.
18.  O.K. form of last. - Used as last.
19.  Milk-jug as carried in a net. - I. or D. Milk-jug (*mhr*, *mr*). P. *mi* in like (*mi*).




20.  Milk-jug with a leaf covering the milk. - I. Milk (*irtt*).
21.  Twin wine-jars. - I. Wine (*irp*).
22.  Beer-jug. - I. Beer (*hnkt*), butler (*wdpw*), vessel, pot (*hnw*). D. Vessel (*krht*), measure, fluids, offerings. Be drunk (*thi*).
23.  Jar with handles. - D. Vessel (*krht*), anoint (*wrh*). - Replaces W22 in butler (*wdpw*).
24.  Bowl. - I. Bowl (*nw*). P. *nw*, in in 'I' (*ink*). - Replaces other signs for example Z8 in form (*kd*).
25.  Combination of W24 and D59. - In *ini* bring.

X. LOAVES AND CAKES


















1.  Bread. - I. Bread (*t*).
2.  Loaf. - D. Bread. - Replaces X1.
3.  Bread and beer (W22). - D. Food, meals, offerings.
4.  Roll of bread. - D. Food offering (*snw*), cake (*fk3*), bread. D.-P. *sn*, *fk3*. *or* 
5.  Semi-hieratic form of X4.- Used as last.
6.  A round loaf bearing mark of the baker's fingers. - D. Loaf (*p3t*). D.-P. in primeval times (*p3t*).
7.  Slice of bread. - I. or D. Eat (*wnm*).
8.  Conical loaf (?). - I. Give (*di*, *rdi*). P. (rarely) *d*.

Y. WRITINGS, GAMES, MUSIC
























1.  Papyrus rolled up, tied, and sealed. - I. Papyrus-roll, book (*md3t*). D. Writing, abstract notions. P. *md3t* in chisel (*md3t*). Ab. Total (*dmd*).
2.  O.K. form of last. - Used as last.
3.  Scribe's outfit, consisting of palette, bag for the powdered pigments, and reed-holder. - I. Write (*sš*) and derivatives. D. Smooth, fine (*n''*), scribe's outfit (*mnhd*). Ab. make smooth, grow fine (*sn''*).
4.  Alternative form of last.
5.  Draught-board. - I. Draught-board (*snt*). P. *mn*.












6.  Draughtsman. - I. Draughtsman (*ib3*). P. in dance (*ib3*).
7.  Harp. - I. or D. Harp (*bnt*).
8.  Sistrum. - I. Sistrum (*sššt*). P. *shm* (rare).

Z. STROKES, SIGNS DERIVED FROM HIERATIC, GEOMETRICAL FIGURES

1.  Stroke. - I. Unity (*w'*). Occasionally serves merely to fill an empty space.
- 1a.  Horizontal form of last.
2.  Three strokes. - D. Plurality.
- 2a.  Variant form of last.
3.  Alternative form of last.
- 3a.  Variant form of last.
- 3b.  Variant form of last.
4.  Two diagonal strokes. - D. Duality. P. *y, i*.
- 4a.  Variant form of last.
5.  Diagonal stroke. - Replaces determinatives that were difficult to draw.
- 5a.  Variant form of last.
6.  Hieratic substitute for A13 and A14 and sometimes for other signs that were difficult to draw, in *die* (*mr*).
7.  Abbreviated form of G43.
8.  Oval. - D. Common in words from the stem *kd*, form, character (*kd*); often replaced by W24.
9.  Two sticks crossed. - D. Damage (*hdi*), divide (*wpi*), reckon (*hsb*), cross (*d3i*). P. *sw3* in pass by (*sw3*); *sđ* in flame (*sđt*); *sbn* in mixed, various (*sbn*); *wr* in drink (*swri*).
10.  O.K. form of last. - Used as last.
11.  Two planks crossed and joined. - I. (?) *imy* 'who is in'. P. *imi* in the verbs of negation.

Aa. UNCLASSIFIED

1.  Human placenta (?). - P. *h*.
2.  Pustule or gland (?). - D. Suffer (*whd*), wound (*wbnw*), swell (*sfw*), be fat (*dd3*). - Replaces other signs and takes other sound values: I. or D. in bandage, embalmer (*wt*). D. in perfume (*sty*), granite (*m3t*), cedar (*'š*), reckon (*hsb*). P. *wh3* in oasis (*wh3t*).
3.  Sign Aa2 with liquid issuing from it. - D. Urine (*wsšt*), brains (*3s*), perfume (*st*).
4.  Doubtful (PT). - In PT soul (*b3*), bush (*b3t*). Later replaced by R7 in the word for soul.
5.  Part of the steering gear of ships? - I. or D. Proceed by boat (*iti hpt*) in the PT and sail (*dsr hpwt*) in the M.K., oar (*hpt*). P. *hp*.
6.  Doubtful. - D. Mat (*tm3*). P. *tm3*.
7.  Doubtful. - P. *skr* in smite (*skr*).
- 7a.  Variant of last.
8.  Irrigation runnels (?). - I. or D. Estate (*d3tt*). P. *d3t*.
9.  Doubtful. - D. Rich (*hwd*).
10.  Doubtful. Pencil (?). - D. Writing (*drf*).
11.  Platform, pedestal (?). - P. *m3'* in truth, justice (*m3't*).
- 11a.  Vertical form of last.
12.  O.K. form of last. - Used as last.
13.  Two ribs of a gazelle (?). - P. *im*, *m*, *gs*.
14.  O.K. form of last. - Used as last.
15.  Variant form of Aa13.
16.  Shorter variant of Aa13.
17.  Back of quiver. - I. Back (*s3*). P. *s3*.
18.  Alternative form of last. - Used as last.
19.  Doubtful. Different from V19. - P. *hr*.
20.  Doubtful. - P. *'pr* in equip (*'pr*) and derivatives.
21.  A carpenter's tool (?). - In sever, 'judge' (*wḏ*).

22.  Combination of Aa21 and D36. - Used as last.
23.  Doubtful. - In hit (a mark), adhere to (a path) (mdd) and derivatives.
24.  O.K. form of last - Used as last.
25.  Fetish. - I. Title of priest (wb3 ?)
26.  Doubtful. - P. sbi in rebel (sbi).
27.  Doubtful. - P. nd in ask, inquire (nd), take counsel (ndnd), hail to (ind hr).
28.  An instrument used by bricklayers (?). - In form, build, character (kd) and derivatives.
29.  O.K. form of last. - Used as last.
30.  Ornamental design on tops of walls. - I. or D. Ornament, adornment (hkrw). Be adorned (hkr), and related words.
31.  O.K. form of last. - Used as last.
32.  Doubtful. - I. or D. Nubia (T3-sti) and a Nubian mineral (sty).