Middle Egyptian Grammar

Sign List

James E. Hoch

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SSEA Publication XV

Benben Publications, Mississauga, 1998

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Published by:

Benben Publications / SSEA Publications
1483 Carmen Drive
Mississauga, Ontario
Canada L5G 3Z2

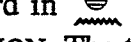
ISBN 0-920168-14-0

SIGN LIST

This sign list is based on Gardiner's sign list (*Egyptian Grammar*, pp. 438–548). It is not as detailed as Gardiner's and students will still find it useful to consult that work for fuller explanations of signs. To conserve space, references to words cited have not been given. Gardiner's work provides a wealth of referenced citations. The writings of most of the examples can be found in R.O. Faulkner's *A Concise Dictionary of Middle Egyptian* (Oxford, 1976).

Students should be aware that Egyptians freely modified signs, adding appropriate details, differing crowns, headgear, etc. Most of these modifications are fairly straightforward, but do differ somewhat from the printed fonts.

The list is based on a hierarchy that has long been established. It begins with humans and proceeds to the animal kingdom, plants, earth, objects, and abstract, geometric, and unclassified signs. In the case of living things, the signs of the whole person or animal are grouped first, and parts thereof second. The order of human body parts is generally from top down.

Each entry lists how the sign is used. The following abbreviations are used throughout: LOGO. for logograms; DET. for determinatives ("LOGO. or DET." indicates that the sign had both functions); PHON. for phonetic signs; and PHON. DET. for signs that serve as phonetic determinatives (i.e. they are signs associated with certain words, and are used as a group, e.g. the landing bird in  *ḥn* "phrase"). The various phonetic values will be listed after the heading PHON. The tag ABBR. indicates that the sign is used logographically in an abbreviated writing, but was not generally used in that way.

Signs are referred to by their section letter and by number, e.g.  is sign A5. In a few places the order is not in alpha-numeric sequence; Gardiner's sequence was generally followed.

No matter how logical the hierarchical system may be, there will inevitably be signs that one would think should be in a different category. This is especially the case with furniture, tools, and other objects. The student must be prepared to do a considerable amount of page flipping to locate some signs.

The readings of most logographic signs can be ascertained with no room for doubt, since we have variant writings that spell them fully. Curiously, it is in the Old Kingdom, particularly in the Pyramid Texts, that writings tended to be alphabetic (supplementing the logographic signs). Gardiner included many of these archaic writings in his sign list. They have not been included in this list; Gardiner's list therefore may be profitably consulted in this regard.

§A. Man & his Activities

A1  seated man — DET. of man, occupations, & names; LOGO. or DET. "I," "me," "my" in *·i*; *wi*; *ink*;  *·kwi*.

 seated man & woman — DET. of people & occupations.

A2  man with hand to mouth — DET. eating; drinking; speaking; thinking.

A3  man sitting on heel — DET. in *ḥmsi* "to sit." Replaced by  A17 in hieratic.

A4  man with arms raised — DET. adoration, respect; hiding.

A5  man hiding behind wall — DET. to hide.

A6  man being purified — LOGO. in  *wᶜb* "pure"; DET. in *wᶜb* "to purify."

A7  weary man — DET. weary; weak; sitting.

A8  man doing the *hnw* rite — DET. jubilation.

A9  man with basket on head — DET. loading, carrying and in *kꜣt* "construction project"; LOGO. *ꜣtp* "to load."

A10  man with oar — DET. in *sqdw* "to sail."

A11  man with sceptre & crook — O.K. LOGO. or DET. in , var. *ḫnms* "friend"; in M.K. replaced with A21.

A12  soldier with bow & arrow — LOGO. or DET. in , var. *mšᶜ* "army"; DET. military: *mnfꜣt* "trained soldiers."

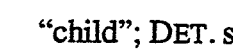
A13  man with bound hands — DET. enemy.

A14  man with bleeding head — DET. dying; enemy.

A14a  man with axe in head — DET. dying; enemy.

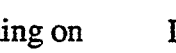
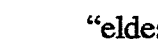
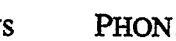
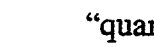
A15  man falling — LOGO. or DET. in , var.  *ḫr* "to fall" (and derived words); PHON. DET. in *ḫr* "now" (particle).

A16  man bowing down — DET. bowing.

A17 child sucking thumb — DET. young, ex.  *ḥrd* "child"; LOGO.  *ḥrd* "child"; DET. sitting; PHON. *nnỉ* in  *Nnỉ-nsw* "Heracleopolis."

A17a sitting child — DET. sitting; young (derived from a hieratic sign that replaced hieroglyphic A3 and A17).

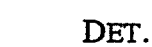
A18 child with LE crown — DET. of child-king and princes.

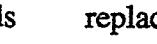
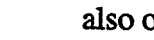
A19 bent man leaning on stick (clearly distinguished from A21 in hieratic, but not always in hieroglyphic) — DET. old, exx.  *i3w* "old," ABBR.  *i3w* "old";  *smsw* "elder, eldest," ABBR.  *smsw* "eldest"; DET. great in  *wr* "great one, chief"; PHON. or PHON. DET. in , var. *iky* "quarryman." In M.K. hieratic, this sign is also used in  *ḥwỉ* "to strike."

A20 man leaning on forked stick—less bent than A19 — LOGO.or DET. in , more rarely *smsw* "elder, eldest."

A21 man leaning on staff and holding a cloth — Logo. or DET. in  *sr* "official," ABBR. *sr* "official." DET. noble. In hieratic, A21 is distinct from A19, but in some hieroglyphic texts it is hard to distinguish the two.

A22 statue of a man with a staff and *ʿb3*-sceptre — DET. statue (the form varies depending on the type of statue).

A23 king with staff and mace — DET. in , var. *ity* "sovereign."

A24 man with stick, striking with both hands — DET. force, activity, effort, strength. Later this sign is replaced for the most part with  D40, which in hieratic also occurs as  D36.

A25 man striking with one arm behind his back — LOGO. in  *ḥwỉ* "to strike."

A59 man waving stick — DET. driving away.

A26 man with one arm raised in invocation — DET. calling. ABBR. *ꜥš* in *sḏm-ꜥš* "servant."

A27 man walking in haste and beckoning — PHON. *in* in *in* "by" (agent particle).

A28 man with arms raised high — DET. high; joy; extolling. ABBR. *q3* "to be high, tall."

A29 man standing on his head — DET. being upside-down.

A30 man with arms raised in respect — DET. praising, adoring, supplicating.

A31 man with arms behind his back — DET. turning away, averting.

A32 man dancing — DET. dancing.

A33 man with stick and bundle — LOGO. or DET. in , var. *mnỉw* "herdsman." DET. wandering.

A34 man pounding in a mortar — DET. in *ḫwsỉ* "to pound (earth)"; "to build."

A35 man building a wall — LOGO. or DET. in , var. *qd* "to build," ABBR. *qd* "to build."

A36 man straining into a pot — LOGO. or DET. in var. *ꜥfty* "brewer"; DET. strain in *ꜥtḫ* "to strain."

A37 commoner form of A36 — Use as A36.

A38 man holding two animal emblems with panther heads — LOGO. in var. , *Qỉs*, var. Dyn. 18 *Qsỉ* "Cusae," the modern town of El-Quṣîyah in Upper Egypt.

A39 variant form of A38 — Use as A38.

A40  seated god (note the curved beard and straight wig)

DET. god; LOGO. or DET. "I," "my," "me" in  *·i*,  *ink*,  *wi* when the speaker is a god, or in Dyn. 12 for the king.

A41  king (note the uraeus on the forehead, straight beard, and hair style)

DET. king; LOGO. or DET. "I," "my," "me" in  *·i*,  *ink*,  *wi* when the speaker is the king.

A42  A41 + flagellum

Use as A41.

A43  king wearing crown of Upper Egypt S1

LOGO. or DET. in  var.  *nsw* (from *n(y)-swt*) "king of Upper Egypt," "king"; DET.  *Wsir* "Osiris."

A44  A42 + flagellum

Use as A42.

A45  king wearing crown of Lower Egypt

LOGO or DET. in  var.  *bity* "king of Lower Egypt."

A46  A45 + flagellum

Use as A45.

A47  shepherd seated and holding a stick with a string (?)

LOGO. in *mnỉw* "herdsman"; LOGO. or DET. in  var.  *s3w* "guard," "protect." Sometimes A47 is used inaccurately for  A48.

A48 man holding knife (?)

LOGO.(?) or DET. in  var. *ỉry* "relating to," "belonging to."

A49 Syrian holding stick

DET. foreigner.

A50  nobleman sitting on chair

DET. revered persons (e.g. as det. in names of deceased persons); LOGO. or DET. "I," "my," "me" in  *·i*, *ink*,  *wi* when the speaker is the deceased.

A51 A50 + flagellum

LOGO. in  var.  *špsỉ* "be noble" and related words. After M.K., often DET. of revered persons.

A52 noble sitting with flagellum (common in Dyn. 18)

DET. revered persons, and especially as det. of names of deceased persons. Rarely for  A51 *špsỉ* "be noble."

A53  upright mummy case

DET. mummy or things related to mummies; DET. statue, shape, form.

A54 flat mummy case — DET. dead, death, and related words.

A55 mummy lying on bed — DET. lie; DET. death.

§B. Woman & her Activities

B1  seated woman — DET. female; DET. names of women. As first person suffix pronoun *ỉ* "my," "I" it is not attested before the 19th Dyn.

B2  pregnant woman — DET. pregnant.

B3  woman giving birth — LOGO. or DET. in  var. *msỉ* "bear," "give birth" and related words.

B4  combination sign of B3 and F31 — Use as B3.

B5  woman and nursing child — DET. suckle (used in words for nurses).

B6  woman with seated child — DET. nurse.

B7  queen wearing crown and holding a flower — DET. in names of queens. The type of head-dress varies.

§C. Anthropomorphic Deities

C1 god with sun and uraeus — LOGO. or DET. in  var. *Rᶜ* "Rēᶜ" (the sun god).

C2  god with falcon head with sun on head and holding an *ᶜnḫ* sign — LOGO. or DET. in  var. *Rᶜ* "Rēᶜ" (the sun god).

C3  god ibis head — LOGO. OR DET. in  var. *Ḏḥwty* "Thoth."

C4  god with ram head — LOGO. or DET. in  var. *Ḫnmw* "Khnum."

C5  C4 holding *ᶜnḫ* sign — Use as C4.

C6  god with dog head — LOGO. or DET. in  var. *Ỉnpw* "Anubis."; also in *Wp-wꜣwt* "Wepwawet."

C7 god with head of Seth-animal — LOGO. in *Stẖ* "Seth" (or "Sutekh").

C8 ithyphallic god with plumes, and flagellum — LOGO. or DET. in var. *Mnw* "Min."

C9 goddess with horns and sun on head — LOGO. or DET. in var. *Ḥt-ḥr* "Hathor."

C10 goddess with feather on head — LOGO. or DET. in var. *Mꜣᶜt* "Maᶜat."

C11 god with arms supporting the sky, with or without the sign ʃ M4 on head — LOGO. in *Ḥḥ* "Ḥeḥ"; PHON. *ḥḥ* in *ḥḥ* "million," "many."

Note that in post M.K. texts, a number of other signs for deities were used. These mostly bear emblems or strike poses associated with the particular deity: C12 Amūn; C17 Montu; C18 Tjenen; C19, C20 Ptaḥ.

§D. Parts of the Human Body

D1 head in profile — LOGO. in *tp* "head" and *typ* "first," "chief." DET. head (and parts of head) in *ḏꜣḏꜣ* "head," *ḥꜣ* "back of the head," *dhnt* "forehead" and hence also in the derived *dhn* "to promote." LOGO. *ḏꜣḏꜣ* "head" in some cases.

D2 face — LOGO. in *ḥr* "face" and derived words. PHON. *ḥr* in *ḥr* "prepare"; *ḏḥr* "bitter."

D3 hair — DET. hair; mourning; skin; complexion; colour; bald, empty, fall out. ABBR. in *gm wš(w)* "found missing" (indicates that there was a lacuna at that spot in a deteriorated papyrus).

D4 eye

LOGO. in *irt*. PHON. *ir* e.g. , var.  *iri* "to make, do." DET. sight e.g.  *m33*. PHON. DET. *m*, ex.  *m3w* "lions." DET. actions and conditions of the eye (after Dyn. 18 often replaced by more specific determinatives).

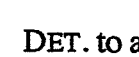
D5  eye with applied cosmetics

DET. actions or conditions of the eye.

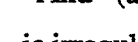
D6  later variation of D5

Use as D5.

D7  eye with cosmetic applied beneath it

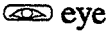
DET. to adorn, beautiful. PHON. DET. in  *ꜥnw* "Anu" (a place name). The use as a determinative for seeing is irregular.

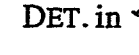
D8  eye enclosed in land sign N18

DET. in *ꜥnw* the limestone quarry at Ṭurah. PHON. DET. in  *ꜥn* "beautiful."

D9 eye with tears

LOGO. or DET. in var. *rmi* "to weep"

D10  eye with markings of falcon's head

LOGO. or DET. in  var. *wḏ3t* "the *wedjat*-eye," i.e. the uninjured eye of Horus.

D11  part of the white of the *wḏ3t*-eye

Sign for ½ *ḥeqat*-measure of grain (§68, 1).

D12 ○ pupil of eye

DET. in  *ḏfd* "pupil of the eye." As part of the *wḏ3t*-eye, the sign for ¼ *ḥeqat*-measure of grain (§68, 1). (This sign is larger than the grain of sand  N33 and the circle ○, see after Z8.)

D13  eye-brow

DET. eyebrow, often as a dual determinative . Also as sign for 1/8 *ḥeqat*-measure of grain (§68, 1).

D14  the other part of the white of the *wḏ3t*-eye

Sign for 1/16 *ḥeqat*-measure of grain (§68, 1).

D15  one of the falcon markings of the *wḏ3t*-eye

Sign for 1/32 *ḥeqat*-measure of grain (§68, 1).

D16 another of the falcon markings of the *wḏ3t*-eye — Sign for 1/64 *ḥeqat*-measure of grain (§68, 1).

D17 markings of the *wḏ3t*-eye — LOGO. or DET. in *tỉt* "figure," image."

D18 ear — LOGO. or DET. in *msḏr* "ear." As dual *msḏrwy* "ears."

D19 eye, nose, and cheek — LOGO. or DET. in *fnḏ*, var. *fnd* "nose." DET. nose and words associated with it, e.g. *šrt* "nostril"; *sn* "to smell"; *ḫnt* "face." DET. of moods, emotions, and severity (probably because of emotions showing on face). Exx. *rš* "joyful"; *sfn* "to be mild"; *gfn* "to rebuff." PHON. DET. *ḫnt* in *ḫnty* "in front of."

Note that in hieratic, this sign was similar to Aa32 and U31. This sign therefore sometimes appears in words properly written with those signs, e.g. for *sty* "Nubian (?) ochre." Some modern books have incorrect transcriptions from the hieratic.

D20 semi-cursive form of D19 — Use as D19, but not in well executed sculptures or paintings.

D21 mouth — LOGO. in *r* "mouth." Phon. *r*. In L.K. group writing, is *ra*, but also occurs where one expects *r*, *ri*, or *ru*.

(Monograms involving *r*: For see M6. For see M24. For see M25.

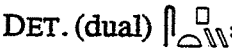
D22 mouth with two strokes — LOGO. in *rwy* "two-thirds" (§66).

D23 mouth with three strokes — LOGO. in "three-quarters," possibly read *ḫmt-rw*.

D24  upper lip with teeth

LOGO. in  *spt* "lip, border." Occasionally used mistakenly for  F42.

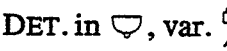
D25  both lips with teeth

LOGO. or DET. (dual)  *spty* "lips.

D26  liquid passing from lips

DET. spit; vomit; flow (of blood); blood.

D27  breast

LOGO. or DET. in , var.  *mnd* "breast." DET. suckle, nurse.

D27a  breast (commoner shape)

Use as D27.

D28  arms reaching out

LOGO. in *kꜣ* "soul," "*ka*." PHON. *kꜣ*. In L.K. group-writing,  is *ku*.

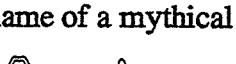
D29 combination of D28 and the standard R12

LOGO. in  *kꜣ* "soul," "*ka*" considered divine.

D30  the sign D28 with serpent body (?)

DET. in *Nḥb-kꜣw* "Neḥeb-kau" ("Uniter of Souls"), name of a mythical serpent god.

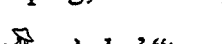
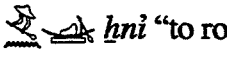
D31  combination of D32 and  U36

LOGO. in , var.  *ḥm kꜣ* "*ḥm-kꜣ* priest" (a mortuary priest).

D32  embracing arms

DET. enveloping, embracing, open arms.

D33  rowing arms

LOGO. in  *ḫnỉ* "to row." PHON. *ḫn*, e.g.  *ḫnty* "statue."

D34  arms with shield and battle-axe

LOGO. in *ʿḥꜣ* "to fight" and derived words.

D34a O.K. form of D34

Use as D34.

D35 arms making negative gesture

LOGO. in *n* and *nn* "no," "not" (negative particles). PHON. *n* in *n* "to," "for" (the dative); extremely rare writing of *n(y)* the genitival adjective (§22b). LOGO. in *iwty* "which is not" (§183). DET. to not know, e.g. *ḫm* "to not know." PHON. DET. in *ḫmt* "to expect, plan."

D36 forearm

LOGO. in *ꜥ* "arm," "hand." PHON. *ꜥ* (*ꜥayin*). In hieratic, this sign may replace any of the arms signs, and is particularly used for D37, but also for D38, D39, etc.

For see D59. For see G20. For see G45. For see M27. For see O12. For see P7. For see Aa21.

D37 arm holding a conical loaf X8

LOGO. in *rdi*, *di*, *dd* "to give, put, let (someone do)" and in imperative *imi* "Give!" Note that in hieratic this sign is normally replaced with D36. PHON. *d* (from *di*) ex. *ddi* "haematite."

For see G19.

D38 arm holding rounded loaf

DET. in *imi* "Give!" (imperative of *rdi*). PHON. *m* e.g. *mk* "look."

D39 arm holding bowl O W24

DET. offering, presenting. Occasionally used as a substitute for D37 or D38.

D40 arm with a stick

DET. action, strength (tends to replace A24 from M.K. on). ABBR. for *ḫ3i* "to examine" in medical texts.

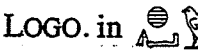
D41 arm with palm of hand downwards, with tilted upperarm

DET. arm, shoulder. DET. bending, tilting, leaning. DET. ceasing; rejecting. PHON. *ni* in *niw* "ostrich"; *niw* "bowl."

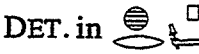
D42 arm with palm downwards

LOGO. or DET. in var. *mḥ* "cubit."

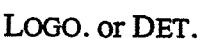
D43 arm with flagellum

LOGO. in  *ḫwi* "to protect." PHON. *ḫw*, e.g.  *ḫww* "evil"; *sḫwd* "enrich."

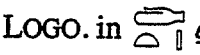
D44 arm with *ꜥb3*-sceptre S42

DET. in  *ḫrp*. ABBR. "to control" and derivatives.

D45 arm with the *nḫbt*-wand

LOGO. or DET. in . ABBR. *ḏsr* "sacred"; "to clear" (a road).

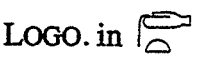
D46 hand

LOGO. in  *ḏrt* "hand," occasional variant *ḏrt*, *ḏ3t* "hand." PHON. *d*.

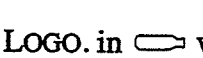
D47 hand with curved palm

DET. of hand, when written phonetically, see D46.

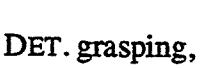
D46a hand with liquid flowing

LOGO. in  *ỉdt* "fragrance."

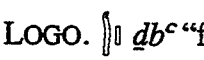
D48 hand without thumb

LOGO. in  var. , *šsp* "palm," "hand-breadth" a measurement, one seventh of a cubit.

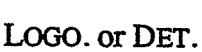
D49 fist

DET. grasping, ex.  *3mm* "to grasp."

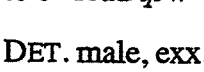
D50 finger

LOGO.  *ḏbꜥ* "finger" and related words. PHON. *ḏbꜥ* in *ḏbꜥ* "10,000." As two fingers: DET. accurate, e.g. *ꜥq3* "accurate." Note that in hieroglyphic texts, this sign is often confused with T14.

D51 horizontal finger

LOGO. or DET. in , var. *ꜥnt* "nail." DET. for various reasons in *ḫ3i* "to measure"; *ṯ3i* "to take"; *nqꜥwt* "notched sycomore figs"; *dqr* "to press." PHON. DET. *dqr* in abbreviated *dqrw* "fruit." As an ABBR. possibly to be read *q3w* "grains"(?).

D52 phallus

DET. male, exx.  *ꜥ3* "donkey"; *ṯ3y* "male"; , *k3* "bull." PHON. *mt*, exx. *mtwt* "poison"; *ḫmt* "three." In M.K. texts, there is some interchange between this sign and D53.

D53 phallus emitting liquid — DET. phallus and activities associated with it, exx. *ḥnn* "phallus"; *wsš* "to urinate." DET. male, exx. *ṯ3y* "male." ABBREV. *b3ḥ* in *m-b3ḥ* "in the presence of"; DET. in *m-b3ḥ* "in the presence of."

D54 walking legs — LOGO. in *iw* "to come." DET. movement or lack of motion, exx. *šm* "to go"; *3b* "to stop." LOGO. *nmtt* "step"; pl. *nmt(w)t* "steps."

For M18. For N40. For O35. For T32. For V15. For W25.

D55 backwards walking legs — DET. backwards, retreat, exx. *ḫnn* "to turn back"; *ḥtḥt* "to retreat."

D56 leg — LOGO. or DET. in , var. *rd* "foot," often dual *rdwy* "feet." DET. foot, leg, exx. *mnt* "thigh"; *pd* "knee"; *wꜥrt* "leg." From *pd* PHON. *pds* in , var. , *pds* "box." From *wꜥrt*, PHON. *wꜥr* in , var. *wꜥrt* "district." From *sbq* "leg," PHON. DET. in ABBR. *sbq* "excellent." For unknown reasons, also PHON. *gḥ* or *gḥs* in , var. *gḥs* "gazelle." The DET. group is used to determine various words (especially verbs) involving movement.

D57 leg and knife — DET. mutilate, damage in *i3ṯ* "to be mutilated," *nkn* "to damage." ABBR. *i3ṯw* "place of execution"; var. *si3ty* "cheater."

D58 foot — PHON. *b*. ABBR. *bw* "place," var. of .

D59 combination of D36 and D58 — PHON. *ꜥb*, ex. *ꜥb* "horn."

D60  combination of foot and vase with flowing water

LOGO. in  *wᶜb* "pure," "clean";  *wᶜb* "*wᶜb*-priest."

For  see S13.

D61  toes

LOGO. or DET. in , var. *sȝḥ* "toe." PHON. or PHON. DET. *sȝḥ*, ex.  *sȝḥ* "to approach."

D62 less correct form of D61 (Dyn. 18)

Use as D61.

D63 another form of D61 (Dyn. 18)

Use as D61.

§E. Mammals

E1  bull

DET. cattle, ex.  *iwȝ* "ox." ABBR. *iḥ* "cow" (generic), *iḥt* "cow"; , var. , *kȝ* "bull."

E2 agressive bull

DET. in *smȝ* "fighting bull." ABBR. *kȝ nḫt* "victorious bull" (epithet of the king).

E3 calf

DET. in *bḥs* "calf."

E4 sacred *ḥsȝt*-cow

DET. in *ḥsȝt* "sacred *ḥsȝt*-cow."

E5 cow with nursing calf

DET. in *ȝms* "show solicitude" (to a child or parent).

E6 horse

LOGO. or DET. var. *ssmt* "horse." DET. horse, ex. *ḥtr* "team" (of horses).

E7 donkey

DET. in *ᶜȝ* "donkey."

E8 kid

DET. in *ib* "kid." PHON. DET. *ib*, exx. *ibi* "to be thirsty"; *ibw* "refuge." Rarely PHON. *ib*, e.g. *ibḥ* "*ibḥ*-priest."

DET. goats, sheep, ex. *ᶜwt* "flocks," "goats."

E8a frisky kid (variant from Dyn. 19 on) — Use as E8.

E9 baby bubalis — PHON. *iw*, exx. *iwr* "to become pregnant"; *iwʿ* "to inherit." In N.K. group writing, the group represents *ʾu*.

E10 ram — LOGO. in *bȝ* "ram." DET. *Ḫnmw* "Khnum" (a ram-headed god). DET. sheep, ex. *sr* "sheep." As a N.K. sign group, represents *bi*.

E11 ram (O.K. form of E10) — Use same as E10.

E12 pig — DET. in *rrỉ* "pig"; *šȝỉ* "pig."

E13 cat — DET. in *mỉw* "cat."

E14 greyhound — DET. dog in *iw* "dog"; *ṯsm* "hound."

E15 lying dog or jackal — LOGO. or DET. in var. *ʾInpw* "Anubis." Also is a sportive writing of *ḥry-sšt3* "master of the secrets" ("he who is over the secrets")—a title.

E16 dog or jackal lying on shrine — LOGO. or DET. in , var. *ʾInpw* "Anubis. Also is a sportive writing of *ḥry-sšt3* "master of the secrets" ("he who is over the secrets")—a title.

E17 jackal — LOGO. or DET. in *sȝb* "jackal." PHON. *sȝb* in *sȝb* "dignitary."

E18 jackal (?) on a standard — LOGO. or DET. in varr. , , *Wp-wȝwt* "Wepwawet" ("opener of the ways").

E19 O.K. form of E18 — Use same as E18.

E20 animal of Seth (Sutekh) — LOGO. in var. *Stḫ* "Seth," "Sutekh." DET. chaos, ex. *ḫnnw* "disruption." In M.K. hieratic, this sign often replaces E7 and E27.

E21 Seth animal, lying — DET. turmoil, ex. *nšnỉ* "to storm"

E22 lion — LOGO. or DET. in var. *mỉ* "lion."

E23 lion, lying — LOGO. in *rw* "lion"; *rwty* "Ruty" (the twin lion god). PHON. *rw*, exx. *rwyt* "gate"; *ỉtrw* "river." In N.K. group writing, represents *ru*.

E24 panther — LOGO. or DET. in var. *ỉby* "panther."

E25 hippopotamus — DET. in *db* "hippopotamus"; *ḥỉb* "hippopotamus."

E26 elephant — DET. in *ỉbw* "elephant." SEMI-PHON. in *ỉbw* "Elephantine," a town near modern Aswan.

E27 giraffe — For unknown reasons, DET. in *sr* "foretell."

E28 oryx — DET. in *mỉḥḏ* "oryx."

E29 gazelle — DET. in *gḥs* "gazelle."

E30 ibex — DET. in *nỉw*, var. *nrỉw* "ibex."

E31 goat with collar with cylinder seal — LOGO. (?) or DET. in , *sᶜḥ* "dignity" and related words.

E32 sacred baboon — DET. in *iᶜn* "sacred baboon"; *gỉf* "monkey."

E33 monkey — DET. in *gf* "monkey."

E34 desert hare — PHON. *wn*, ex. *wnn* "to be."

§F. Parts of Mammals

F1 head of ox — Replaces *kỉ* in the offering formula and the like.

F2 head of aggressive bull — DET. in *ḏnḏ* "rage."

F3 head of hippopotamus (and also a later form of a sign originally resembling F9)

DET. in *3t* "striking power." PHON. *3t* in var. *3t* "time," "moment."

F4 forepart of lion

LOGO. in *ḥ3t* "front" and derivatives, ex. *ḥ3ty* "heart." The sign sequence can be read either *ḥ3ty-ᶜ* "regional governor" or *ḥ3t-ᶜ* "Here begins (the book of...)."

F5 head of bubalis

PHON. *šs3*, exx. var. *šs3* "to be skilled"; *šs3w* "prescription." For unknown reasons DET. in *bḫnt* "pylon." PHON. DET. (erroneous) in *sš3* "prayer."

F6 forepart of bubalis

Use same as F5.

F7 ram's head

DET. in *šft* "ram's head." PHON. *šf* or PHON. DET. var. *šfyt* "dignity," "respect."

F8 forepart of ram

Use same as F7.

F9 head of leopard

DET. or ABBR. in var. *pḥty* "strength."

F10 head and windpipe (?) of ox

DET. neck, throat, and activities involving them, exx. *ḫḫ* "throat"; *ᶜm* "to swallow."

F11 O.K. form of F10

Use same as F10.

F12 head and windpipe (?) of canine animal

PHON. *wsr*, ex. *wsr* "powerful."

F13 horns of ox

LOGO. in *wpt* "horns"; "beginning." PHON. *wp*, exx. *wpi* "to open"; *wpwty* "messenger," "agent."

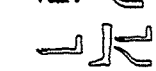
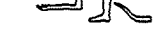
F14 combination of ox horns and M4

ABBR. var. *wpt-rnpt* "New Year's Day," "New Year's Festival."

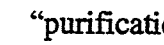
F15 combination of F14 and N5

Use same as F14.

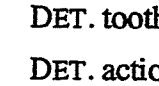
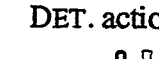
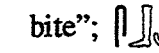
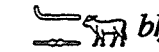
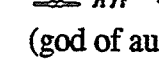
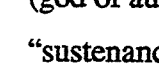
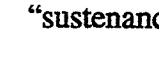
F16  horn

LOGO. or DET. in var.  *db* "horn;" var.  *ᶜb* "horn." PHON. or PHON. DET. *ᶜb*, exx.  *ᶜbᶜ* "boast";  *m-ᶜb* "together with."

F17  combination of horn with purifying vessel

PHON. or PHON. DET. in  var.  *ᶜbw* "purification."

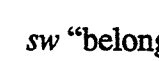
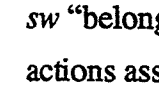
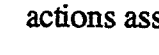
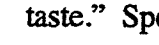
F18  elephant tusk

DET. tooth, tusk, ex.  ABBR.  *ỉbḥ* "tooth." DET. actions of teeth or tusks, exx.  *psḥ* "to bite";  *sbt* "to laugh at." PHON. *bḥ* (from *ỉbḥ*), ex.  *bḥs* "calf." PHON. DET. *ḥw* in  *Ḥw* "Ḥu" (god of authoratative utterence);  *ḥw* "food," "sustenance." In N.K. group writing this sign has the value *ḥu*. PHON. DET. in words derived from the roots *bỉ3* and *bỉ*, exx.  *bỉ3* "heaven";  *bỉt* "character."

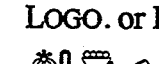
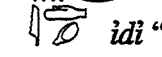
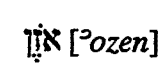
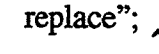
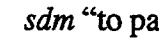
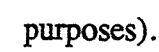
F19  lower jaw-bone of an ox

DET. in  *ᶜrt* "jaw."

F20  tongue of ox

LOGO. in  *ns* "tongue." PHON. *ns*, exx.  *n(y)-sw* "belongs to" (§126, 1);  *nsr* "flame." DET. actions associated with the tongue, ex.  *dp* "to taste." Sportive LOGO. (in common use)  *ỉmy-r* "overseer," "supervisor."

F21  ear of ox (?)

LOGO. or DET. ear and actions associated therewith, exx.  var.  *msḏr* "ear";  *ᶜnḫwy* "the ears";  *ỉdỉ* "to be deaf." LOGO. in  *sḏm* "to hear." PHON. or PHON. DET. *ỉdn* (cf. Arabic اذن [*ᶜuḏun*], Hebrew אֹזֶן [*ʾozen*] "ear"), exx. var.  *ỉdn* "to replace";  *ỉdnw* "deputy." LOGO. in  *sdm* "to paint the eyes" (for medicinal and cosmetic purposes). ABBR. (in medical texts) *ḏrḏ* "leaf."

F22 hind-quarters of an animal

LOGO. in *pḥwy* "hind-quarters," "end." PHON. or PHON. DET. *pḥ*, exx. var. *pḥ* "to reach"; *pḥty* "strength." DET. bottom, ex. *kf3* "bottom" (e.g. of a vessel).

F23 leg of ox (this orientation always used in hieratic)

LOGO. or DET. in var. *ḫpš* "forearm." DET. in *Msḫtiw* "The Plough" (the constellation Ursa Major).

F24 same, but reversed orientation

Use same as F23.

F25 leg and hoof of ox

LOGO. in *whmt* "hoof" of ox. PHON. *wḥm* in *wḥm* "to repeat."

F26 goat skin

LOGO. in *ḫnt* "skin." PHON. *ḫn*, exx. *ḫnw* "interior"; *ḫn* "to approach."

F27 cow's skin

DET. animals, exx. *pnw* "mouse"; *py* "flea." DET. skin *dḥr* "hide," "leather."

F28 alternative form of F28

In this form LOGO. var. *s3b šwt* "variegated of feathers" (an epithet of the solar Horus). Rarely, this sign is used in place of *3b* U23.

F29 cow's skin pierced by arrow

LOGO. or DET. in var. *stỉ* "to shoot" and derivatives. PHON. *st* in *Stt* "Satis" (a goddess).

F30 water-skin

Cf. *šdw* "water-skin," hence PHON. *šd*, exx. *šd* "to remove, carve out"; *wšd* "to address."

F31 three foxes' skins tied together

Cf. *mst* "apron of fox skins," hence PHON. *ms*, exx. *msỉ* "to give birth"; *msdmt* "eye-paint."

F32 animal's abdomen with teats and tail

LOGO. in *ḫt* "belly," hence PHON. *ḫ*.

F33 tail

DET. in *sd* "tail." Also PHON. or PHON. DET in var. *sdty*, a title.

F34 heart — LOGO. in *ib* "heart." DET. in *ḥ3ty* "heart."

F35 heart and windpipe — PHON. *nfr* in *nfr* and other words.

F36 lung and windpipe — LOGO. in *sm3* "lung." PHON. or PHON. DET. *sm3* in *sm3* "to unite" and related words.

F37 backbone and ribs — LOGO. or DET. in *i3t* "back." DET. in *psd* "back." This sign was confused with M21, hence its use as PHON. DET. in *sm* "to help."

F37a , alternate forms of F37 — Use same as F37. Identical in form to M21a.

F38 an alternate form of F37 (Dyn. 18) — DET. in *psd* "back."

F39 portion of backbone with spinal cord — LOGO. in var. *im3ḫ* "spinal cord," whence PHON. , var *im3ḫ* "venerated state," and related words. Rarely as DET., ex. *psḏ* "back."

F40 portion of backbone with two pieces of spinal cord — PHON. *3w*, exx. *3w* "to stretch out, be long"; *3wt* "offerings."

F41 vertebrae — DET. in *s^{c}t* "carnage," "slaughter." Rare DET. in *psd* "back."

F42 rib — LOGO. or DET. in var. *spr* "rib." PHON. *spr* in *spr* "approach," and similar words.

F43 ribs of beef — DET. in *spḫt* "ribs of beef."

F44 leg bone with meat — 1) DET. in *iw^{c}* "thigh (of beef)." PHON. or PHON. DET. *iw^{c}* in *iw^{c}* "to inherit"; *iw^{c}t* "heritage." 2) DET. in *swt* "leg of beef." PHON. *isw* in var. *isw* "reward."

F45 uterus of heifer[1] — LOGO. or DET. in var. *idt* (?) "womb," "vagina." The reading is not entirely certain.

[1]An original object so identified was verified by Gardiner and Griffith in an Oxford laboratory, according to Gardiner, *EG*, sign list F45, note 1.

F46 intestine — LOGO. in *q3b* "intestine," "midst." LOGO. and later PHON. in var. *phr* "to circulate." LOGO. or PHON. in var. *dbn* "to go around." From Dyn. 12 DET. in *wḏb*, var. *wdb* "to turn" and its derivatives.

alternatives to F46: — Use same as F46

F46a

F47

F47a

F48

F49

F50 Combination of F46 and S29 — LOGO. in *spḫr* "to copy," "write out."

F51 piece of flesh (sometimes also) — DET. limb, flesh, exx. *ꜥt* "limb"; *ḥꜥ* "flesh." ABBR. for *ḥꜥw* "members," "body."

§G. Birds

G1 Egyptian vulture — PHON. *3*.

G2 two vultures — Phon. *33*, ex. *m33* "to see."

G3 combination of U1 and G1 — PHON. *m3*, ex. *m3r* "miserable."

G4 long-legged buzzard — PHON. *tiw* (especially used as a m. pl. *nisba* from words ending in *t*), exx. *ḫntiw* "those who are at the head." Often hard to distinguish from G1.

G5 falcon — LOGO. in *Ḥr* "Horus."

G6 falcon with flagellum — DET. in *bik* "falcon."

G7 falcon on the standard R12 — DET. gods, exx. *Imn* "Amun"; *nsw* "king."

G7a  falcon in boat — LOGO. for the god of the 12th Upper Egyptian nome. The reading has been surmised to be *Nmty*. Earlier sources read it as *ᶜnty*.

G7b  variant form of 7a — Use same as 7a.

For , the emblem of West, see R13. For  see O10.8

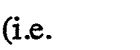
G8  falcon on gold sign  S12 — LOGO. *Ḥr n(y) nbw* "the Golden Horus name" of the king (§69).

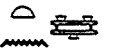
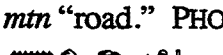
G9  falcon with sun sign (N5) on head — LOGO. in *Rᶜ-Ḥr-ȝḫty* "Rēᶜ-Ḥarakhty" (a composite god).

G10  falcon on sacred bark — DET. in  *Skr* "Sokar" (a god); DET. in  *ḥnw* "the *ḥnw*-bark" of Sokar.

G11  archaic image of falcon — DET. in  *ᶜšm* "divine image"; DET. in  *šnbt* "breast."

G12  archaic image of falcon with flagellum — DET. in  *ᶜḫm* "divine image."

G13  archaic image of falcon with double plumes — LOGO. in *Ḥr Nḫn(y)* "Horus of Nekhen" (i.e. Hieraconpolis. DET. in  *Spdw* "Sopdu" (a god).

G14  vulture — PHON. *mwt* "mother." PHON. *mt*, ex.  *mtn* "road." PHON. *nr* (from *nrt* "vulture"), ex.  *nrw* "terror."

G15  vulture with flagellum — LOGO. in *Mwt* "Mut" (a goddess).

G16  the vulture goddess Nekhbet and the cobra goddess Wadjo on baskets — LOGO. in *Nbty* "Tow-Ladies" name of the king (§69).

G17  owl — PHON. *m*. Cf. Coptic ⲙⲟⲩⲗⲁϫ (*moulatsh*) "owl."

G18  two owls — PHON. *mm*, ex.  *ḥmmy(w)* "which are unknown."

G19  owl and arm with conical loaf D37

PHON. *m*, ex.  *mḥwt* "family."

G20  owl and arm as variant of G19 from 18th Dyn. on. In hieratic the arm invariably is below the owl: 

Use same as G19. In N.K. group writing, the group  represents *ma*.

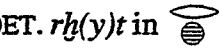
G21  guinea-fowl

PHON. *nḥ*, ex. *nḥḥ* "eternity."

G22  hoopoe

PHON. *ḏb* in  *ḏbt* "brick."

G23  lapwing

PHON. or PHON. DET. *rḫ(y)t* in  *rḫyt* "commoners."

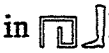
G24 lapwith with wings twisted back

Use same as G23.

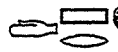
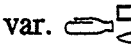
G25  crested ibis

LOGO. or SEMI-LOGO. in ,  *3ḫ*, var.  *3ḫ* "spirit." PHON. *3ḫ*.

G26  sacred ibis

DET. in  *hb* "ibis." LOGO. in , *Ḏḥwty* "Thoth." This sign is confused with G7a in some modern books.

G27  flamingo

DET. in  *dšr* "flamingo." PHON. or PHON. DET. *dšr* in var. , var.  *dšr* "red" and derivatives.

G28  black ibis

PHON. *gm*, exx.  *gmi* "to find";    *gmḥ* "to catch sight of."

G29  jabiru

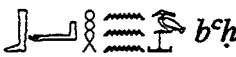
LOGO. in  *b3* "soul" (in form of a bird). PHON. *b3*. In N.K. group writing, the groups , , , and  generally represent *bi*.

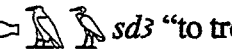
G30  three jabirus

PHON. *b3w* and LOGO. in  *b3w* "spirits"; "might."

G31  heron

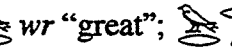
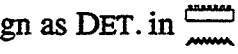
DET. in *bnw* "phoenix." A very similar bird occurs as DET. in *šnty* "heron."

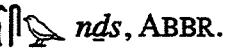
G32 heron on perch — LOGO. or DET. in  *bᶜḥw* "flood."

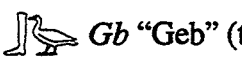
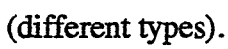
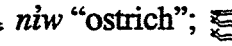
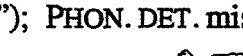
G33 buff-backed egret? — PHON. DET. in  *sdȝ* "to tremble."

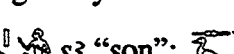
G34 ostrich — DET. in  *nìw* "ostrich."

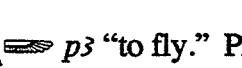
G35 cormorant — PHON. *ᶜq*, exx.  *ᶜq* "to enter"; *ᶜqw* "provisions."

G36 swallow or martin (note the swallow-tail; this sign must be distinguished from G37) — PHON. *wr*, exx.  *wr* "great"; *wrrt* "chariot." This or a similar sign as DET. in  *mnt* "swallow."

G37 sparrow — DET. small, ex.  *nḏs*, ABBR. *nḏs* "small." DET. bad, ill, lacking, exx.  *bìn* "bad"; *šw* "empty"; *mr* "sick."

G38 white-fronted goose — SEMI-PHON. in  *Gb* "Geb" (the earth god). DET. in  *r* "goose" (different types). DET. bird (in general), insect, exx.  *nìw* "ostrich"; *ᶜff* "fly," (ABBR. [rare]  *ᶜff* "fly"); PHON. DET. miscellaneous: *wfȝ* "to talk"; *wsf* "to be idle"; *wdf* "to perish"; *ḥtm* "to perish." This sign may be used in place of G39.

G39 pintail duck — PHON. *sȝ*, exx.  *sȝ* "son"; *sȝtw* "ground," "earth."

G40 pintail duck flying — LOGO. in  *pȝ* "to fly." PHON. *pȝ*, exx. , *pȝ* "this," "the" (§78); *ìpȝ* "private office." In New Kingdom group writing, the group usually has the value *pa*. The hieratic form is G41.

G41 pintail duck landing — Hieratic form of G40. DET. in *ḫnỉ* "to alight." PHON. DET. *ḫn* in *ḫn* "speech," "saying." PHON. or PHON. DET. *qmỉ* in var. *qmyt* "gum." DET. in *qm3* "to throw." PHON. or PHON. DET. in *qm3* "to create." PHON. DET. *tn*, *ṯn* in *mtn* (from *mṯn*) "nomad leader"; *mṯn* "road"; *ṯnỉ* "to distinguish."

G42 fattened duck or widgeon? — LOGO. in *wš3* "to fatten." DET. abundance in *df(3)w* "provisions," "abundance."

G43 quail chick — PHON. *w*.

For *w*, the hieroglyphic version of the hieratic abbreviation for G43, see Z7.

G44 two quail chicks — PHON. *ww*, ex. *Pḥww* "the Far North."

G45 combination of G43 and D36 — PHON. *wᶜ*, ex. *wᶜw* "soldier."

G46 combination of U1 and D43 — PHON. *m3w*, ex. the phrase *m m3wt* "anew."

G47 duckling — LOGO. in *ṯ3* "fledgling" (a rare word). PHON. *ṯ3*, exx. *ṯ3ỉ* "to take." In N.K. group writing, the group , regularly represents *tsi*.

G48 three ducklings in a nest — DET. in *sš* "nest." Occasionally a single fledgling is used: .

G49 three ducklings in a nest — LOGO. or DET. in *sš* "nest"; *sš* "marsh, nesting place."

G50 two plovers (?) — PHON. in *rḫty* "washer," "laundryman."

G51 egret (?) eating fish — DET. in *ḥ3m* "to catch fish."

G53 soul — LOGO. in *b3* "soul" (*ba*). In N.K. group writing the group regularly represents *bi*.

G54  goose or duck, trussed

PHON. or PHON. DET. in  later var.  *snḏ* "to fear." DET. in *wšn* "to wring" (the neck of birds); "to offer" (birds).

§H. Parts of Birds

H1 head of duck

DET. in  *wšn* "to wring" (the neck of birds); "to offer" (birds). In offering formula (§197) is ABBR. for *ꜣpdw* "fowl."

H2 head of a crested bird

PHON. DET. *mꜣᶜ*, exx. *mꜣᶜ* "temple" (of head); *mꜣᶜ* "real." PHON. or PHON. DET. *pꜣq* (from Dyn. 12 on), ex.   *pꜣqt* "fine linen."

H3  spoonbill's head

PHON. DET. *pꜣq*, ex.  *pꜣq* "*pꜣq*-cake."

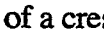
H4  vulture's head

PHON. DET. *nr*, ex. *nrw* "dread." In N.K. a sportive writing: *rmṯw* "people."

H5 wing

DET. wing, ex. *ḏnḥ*, var. *dnḥ* "wing." ABBR. *dnḥ* "wing." DET. fly, ex. *pꜣ* "to fly."

H6  feather

LOGO. in  *šwt* "feather." PHON. *šw*, ex. *šw* "empty." LOGO. or DET. (as substitute for C10) in , varr. , *mꜣᶜt* "truth," "justice."

H6a Hieratic form of H6

Use as H6.

H7  bird's leg

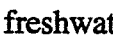
PHON. in  *Šꜣt* "Land of *Šat*."

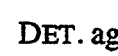
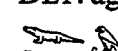
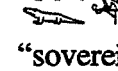
H8  egg

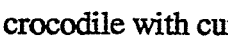
DET. in  *swḥt* "egg." In a few Dyn. 12 documents, this sign replaces G39 as a variant writing: *sꜣ* "son of." It also occurs in the writing *pᶜt* "patricians." The group is found as a determinative in names of queens and goddesses in later texts.

§I. Amphibious Animals, Reptiles, etc.

I1  lizard — DET. in  *ḫ(3)* "lizard." PHON. *ḫ3* in *ḫ3* "many" and derivatives.

I2  freshwater turtle — LOGO. or DET. in , var.  *šṯyw* "turtle."

I3  crocodile (never confused with  I5) — LOGO. or DET. crocodile, ex.  *msḥ* "crocodile." DET. aggression  *3d* "to be aggressive." PHON. *i̯t* in  *i̯ty*, a sportive dual writing of  *i̯ty* "sovereign."

I5  crocodile with curved tail — DET. in . ABBR.  *s3q* "to pull oneself together."

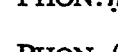
I4  crocodile on a shrine — LOGO. or DET. in , var.  *Sbk* "Sobek" (a crocodile god).

I5a  archaic image of a crocodile — LOGO. or DET. in , var.  *Sbk* "Sobek" (a crocodile god).

I6  piece of crocodile skin with spines — PHON. *km*, exx. *Kmt* "Egypt"; *km* "black."

I7  frog — DET. in  *Ḥqt* "Ḥeqet" (a frog goddess).

I8  tadpole — PHON. *ḥfn* in *ḥfn* "100,000" (§65).

I9  horned viper — PHON. *f*. DET. (for unknown reasons) in  *i̯t* "father."

For  See P9. For  see S30. For  see U35.

I10  cobra — PHON. *ḏ*. In archaising texts this sign may replace an original *d*.

I11  two cobras — PHON. *ḏḏ*, ex.  *wḏḏt* "what had been commanded."

For  see M14. For see T5. For see T6. For see V21.

I12 cobra rising to strike — DET. in *i^crt* "uraeus." DET. goddesses, ex. *W3ḏyt* "Wadjet."

I13 cobra on a basket — DET. goddesses, ex. *ntrt* "goddess." As an element of the Nebty name (§69) see G16.

I14 snake — DET. snake, ex. *ḫf3w* "serpent." DET. worms, ex. *ᶜnᶜrt* "earth-worms."

I15 alternative form of last — Use same as I14.

§K. Fish and Parts of Fish

K1 *bulṭi*-fish (*Tilapia nilotica*) — PHON. *in*, exx. *int* "valley"; *inb* "wall."

K2 a fish (*Barbus bynni*) — PHON. DET. *bw* in *bwt* "abomination."

K3 *bûri*-fish (*Mugil cephalus*) — PHON. *ᶜd* or *ᶜḏ* in the title *ᶜḏ(?)-mr*, var. *ᶜd-mr* "(regional) administrator."

K4 oxyrhynchus fish (*Mormyrus kannume*) — PHON. *ḥ3*, exx. *ḥ3t* "corpse"; *ḥ3rt* "widow."

K5 a fish (*Petrocephalus bane*) — PHON. DET. *bs* in *bs* "introduce"; "initiate" (into a cult/mysteries). This or a similar sign as DET. for generic fish, exx. *rm* "fish"; *ḫnš* "to stink."

K6 , var. fish scale (not to be confused with L6 — IDEO. or DET. in , ABBR. *nšmt* "fish scale."

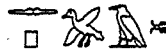
§L. Invertebrates, Insects, Etc.

L1 scarab beetle — IDEO. in *ḫprr*, hence PHON. *ḫpr* in *ḫpr* and derived words.

L2 bee — IDEO. in *bit* "bee" and *bit* "honey"; *bity* "King of Lower Egypt"; *nsw-bity* "King of Upper and Lower Egypt."

L3 fly — DET. in *ᶜff* "fly."

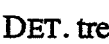
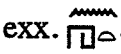
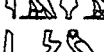
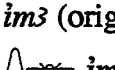
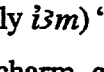
L4 common locust — DET. in *snḥm* "locust." Also used for generic insect.

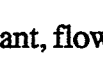
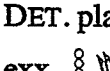
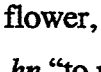
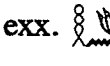
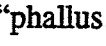
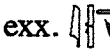
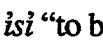
L5 centipede — DET. in  *sp3* "centipede."

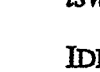
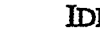
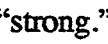
L6 bivalve shell — PHON. *ḫ3* in  *ḫ3(w)t* "offering table."

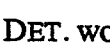
L7 scorpion (depicted without stinger) — IDEO. in  *Srqt* "Selket" (scorpion goddess).

§M. Trees and Plants

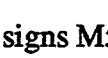
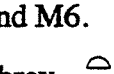
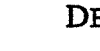
M1 tree — DET. tree, exx.  *nht* "sycamore fig"; , var.  *im3* (originally *i3m*) "*im3*-tree." PHON. *im3*, exx.  *im3t* "charm, graciousness";  *im(3)w* "tent." DET. in  *mꜥr* "fortunate, successful."

M2 plant — DET. plant, flower, exx.  *sšn* "lotus." PHON. *ḥn*, exx.  *ḥn* "to provide, equip";  *ḥnn* "phallus." DET. in  *isw* "reeds." PHON. DET. *is*, exx.  *isi* "to be light";  *isy* "tomb";  *iswt* "antiquity."

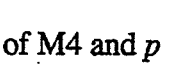
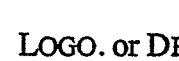
M3 branch — IDEO. in  *ḫt* "tree," "wood." PHON. *ḫt*, ex. *nḫt* "strong." DET. wood, ex.  *mrw* "*mrw*-wood." DET. wooden objects, ex.  *ḫtꜥ* "bed."

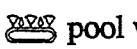
M4 palm branch — PHON. *rnp* in  *rnpy* "to be young";  *rnpt* "year." LOGO. in  *ḫ3t-sp* (?) "regnal year." DET. (?) time in *tr* "time," "season." Note the combination signs M5 and M6.

M5 combination of M4 and *t* — DET. in abbrev.  *tr* "time," "season." Sometimes used in place of M6, ex.  *T3-mri* "Egypt."

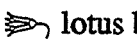
M6 combination of M4 and *r* — DET. in  *tr* "time," "season." PHON. DET. *tr*, exx. *ḫtr* "to collect tax";  *ptr* "who?, what?". PHON. DET. *ri*, ex.  *T3-mri* "Egypt."

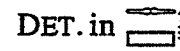
M7  combination of M4 and *p*

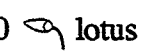
LOGO. or DET. in , var.  *rnpi* "to be young."

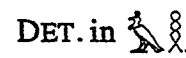
M8  pool with lotus flowers and buds

LOGO. in  *š3* "field, meadow." PHON. *š3*, ex.  *š3ᶜ* "to begin." In L.E. group writing this sign has the value *ša*, but it may have also been used for *ši* and *šu*.

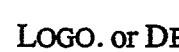
M9  lotus blossom

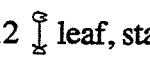
DET. in , LOGO. *sšn* "lotus."

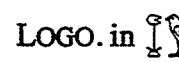
M10  lotus bud

DET. in  *nḥbt* "lotus bud."

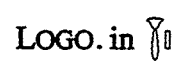
M11  flower with long stalk

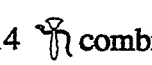
LOGO. or DET. in  var. *wdn* "to make offerings." In 18th Dynasty texts it also occurs as a determinative of *w3ḏbw* "banks."

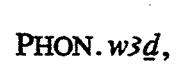
M12  leaf, stalk and rhizome of lotus

LOGO. in  *ḫ3w* "plants." PHON. *ḫ3*, e.g. *wḫ3* "fool." In L.E. group writing this sign generally has the value *ḫa*, but perhaps also *ḫu*.

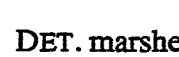
M13  papyrus stem

LOGO. in  *w3ḏ* "papyrus column." PHON. *w3ḏ*, e.g. *w3ḏ* "green." Already in M.K. also PHON. *wḏ*, e.g. *swḏ* "to hand over, assign."

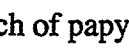
M14  combination of M13 and I10.

PHON. *w3ḏ*, *wḏ*, e.g.  *w3ḏ-wr* "the sea"; *swḏ* "to hand over."

M15  bunch of papyrus with buds on bent stalks

DET. marshes and wetlands, exx.  *iḏḥw* "the Delta marshes"; *w3ḥ* "flood." PHON. DET. *w3ḥ*, ex. *w3ḥ* "columned forecourt." LOGO. in *3ḫ-bit* "Chemmis" (a place in the Delta). DET. Delta region, ex. , ABBR. *T3-mḥw* "Lower Egypt." PHON. *mḥw* in the rare word *mḥw·s* "crown of Lower Egypt."

M16  bunch of papyrus

PHON. *ḥ3*, ex.  *ḥ3p* "secret." DET. in O.K. and M.K. of the Delta region, exx. *T3-mḥw* "Lower Egypt"; *mḥw·s* "crown of Lower Egypt." (As determinative, often replaced by M15 in M.K.) In L.E. group writing this sign is *ḥa*.

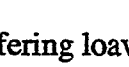
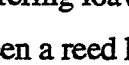
M17  reed leaf

LOGO. in  *i* "reeds." PHON. *i*. Double reed leaf is *y*. This sign is transliterated as *j* (and as *jj*) by German and other scholars.

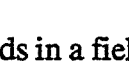
M18  combination of M17 and walking legs  D54

In the word  *ii* "to come" and derived words.

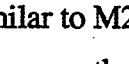
M19  offering loaves between a reed leaf (originally a piece of bread) and a libation vase

DET. in  *ꜥ3bt*, ABBR.  "offerings."

M20  reeds in a field

LOGO. or DET. in  *sḫt* "country" and related words. Occasionally PHON. *sm*, ex. *sm* "to help, treat (medically)," replacing M21.

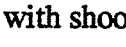
M21 Similar to M20, but with loop on the end

LOGO. or SEMI-LOGO. in *sm* "plant." PHON. *sm*, ex.  *sm* "to help, treat (medically)."

M21a ,  Hieratic variant of M21

Use as M21. Identical in form to F37a.

M22  rush with shoots

PHON. *nḫb*, ex.  *Nḫbt* "Nekhbet" (a vulture goddess).

M22b  pair of rushes

PHON. *nn*, exx.  *nn* "this," "these"; *nnw* "weariness."

M23 a reed with 4 shoots

LOGO. in *swt* "the *swt*-plant" (an emblem of Upper Egypt). PHON. *sw*, ex. *swt* "but." The word is read *nsw* "king" from a probable original *n(y)-swt* "the one associated with the *swt*-plant." Note the common ABBR. *nsw*, especially in titles, ex. *sš nsw* "royal scribe." In group writing, represents *su*.

M24 combination of M23 and *r* D21

In the word *rsw* "South" and derivatives.

M25 confusion of M24 and M26

Careless writings for M24 *rsw* or M 26 *šmᶜ*, exx. *rsyw* "southerners"; *šmᶜw* "Upper Egyptian barley."

M26 a flowering *swt*-plant

LOGO. in *šmᶜw*, ABBR. *Šmᶜw* "Upper Egypt." PHON. *šmᶜ*, ex. *šmᶜw* "musician."

M27 combination of M26 and ᶜ D36

Use as M26.

M28 combination of M26 and "ten" V20

In the title var. *wr mḏw Šmᶜw* "greatest of the tens of Upper Egypt" (an administrative title).

M29 pod of fragrant tree?

LOGO. in *nḏm* "*nḏm*-wood." PHON. *nḏm*, ex. *nḏm* "pleasant."

M30 unknown, a root?

LOGO. or DET. sweetness, ex. , varr. , *bnr*, "sweet."

M31 rhizome of a lotus plant (18th Dynasty)

DET. in *rd* "to grow."

M32 same as M31 (12th Dynasty)

Use same as last. Sometimes used in hieratic texts in words from the root *rwd*, ex. *r(w)d* "to be strong."

M33 , var. grains of cereal

LOGO. in *it* "barley, grain." DET. grain, ex. *Npri* "Nepri" (a grain god). A similar sign is used as the determinative for snow in N.K.

M34  ear of emmer-wheat

LOGO. or DET. in , *bdt*, var. *bty* "emmer."

M35  pile of grain

DET. in *ḫ*ᶜ "heap."

M36  bundle of flax

PHON. *ḏr*, ex. *ḏr* "since." Used as DET. and ABBR. in , *dmꜣ* "to bind together."

M37  O.K. form of M36

Use same as M36.

M39  basket fruit or grain

DET. vegetable offerings, ex. *rnp(w)t* "vegetables."

M40  bundle of reeds

LOGO. in *isw* "reeds." PHON. *is*, ex. *iswt* "crew."

M41 pressed wood?

DET. of aromatic woods, exx. ᶜš "cedar" (actually pine or fir); *mr(w)* "*mrw*-wood."

M42  unknown

PHON. *wn*, exx. *wnḏw* "short-horned cattle"; *wnm* "to eat." In hieratic, this sign is identical to Z11, and words properly written with are regularly written with in M.K. hieratic and later hieroglyphic.

M43  grape vine on props with juice flowing into a bucket

DET. grapes, wine, exx. *i(ꜣ)rrt* "vine"; , ABBR. *irp* "wine."

M43a same as M43, but without bucket

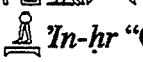
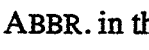
Use same as M43.

M44 thorn

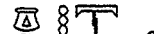
DET. in *srt* "thorn." LOGO. or DET. in the word , var. *spd* "sharp" and in the divine name *Spdw* "Sopdu." PHON. DET. *spd*, ex. *spdd* "supply." The word *spdt* "triangle" may be a later derivation based on the shape of the sign.

§N. Heavens, Earth, Water

N1 sky

LOGO. or DET. in , var.  *pt* "sky." DET. sky, upper: exx.  *ḥrt* "sky, heaven";  *Nwt* "Nut" (the sky goddess); , ABBR.  *ḥry* "above; chief";  *ḥ3t* "ceiling." Also ABBR. in the divine name  *ỉn-ḥr* "Onūris" (a god). This sign replaces two earlier forms of gate signs in  *rwty* "double-doored gate" and  *ht*, var.  *hyt* "portal," which occurs as ABBR. in the title  *smsw hyt*, var. *smsw hyt* "elder of the portal."

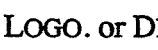
N2  sky with a *w3s*-sceptre S40 suspended from it

DET. night, ex.  *grḥ*, ABBR. *grḥ* "night."

N3  O.K. form of N2

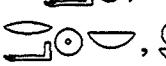
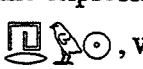
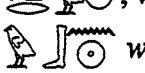
Use same as N2.

N4  precipitation from sky

LOGO. or DET. dew, rain, etc. ex.  *ỉ3dt* "dew";  *šnyt* "rain storm."

For  see S15

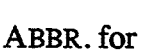
N5 ⊙ sun

LOGO. or DET. in , var. *rᶜ* "sun," "day" (only in the expression , *rᶜ nb* "every day"); , var.  *hrw* "day." DET. sun, day, time exx.  *wbn* "to shine"; *sf* "yesterday"; *nḥḥ* "eternity." In dates, ⊙ is to be read *sw* (§69). For  see under N23.

N6 sun with uraeus

LOGO. or DET. in  var. *rᶜ* "sun," "Rēᶜ" (the sun god).

N7  combination of ⊙ N5 and T28

ABBR. for  *ḫrt-hrw* "course of the day." This is a sportive writing based on the visual pun "that which is below the sun."

N8 sun with sunbeams

DET. sunshine, exx. *ȝḫw* "sunshine"; *wbn* "to shine." From the latter, PHON. *wbn* in *wbnw* varr. *wbnw* "wound." PHON. *ḥnmm* in *ḥnmmt* "the sun-folk of Heliopolis"; "mankind, humanity."

N9 moon with stylized shadow

LOGO. or DET. in *psḏntiw*, varr. , *psdn* "New-moon festival." PHON. *psḏ* in *psḏt* "ennead" (a group of nine gods). This sign is often written as a plain circle ○ or as the loaf X6 .

N10 variant form of N9

Use same as N9.

N11 crescent moon. Also used vertically), (as a determinative

LOGO. or DET. in *iʿḥ*, varr. , *iʿḥ* "moon." PHON. DET. *wʿḥ* in var. *wʿḥ* "earth-almond." LOGO. *ȝbd* "month"; in dates ABBR. *ȝbd* "month." Occasionally this sign is used in place of the rib sign F42.

N12 variant form of N11

Use same as N11.

N13 combination of half of N11 and N14

LOGO. in var. *...nt* (reading unknown) "half-month festival."

N14 star

LOGO. or DET. in var. *sbȝ* "star." PHON. *sbȝ*, exx. *sbȝ* "to teach"; *sbȝ* "door." DET. star, constellation, exx. *Msḫtiw* "constellation of the Plough"; *Spdt* "Sothis." DET. time (as set by stars) exx. *ȝbd* "month"; , ABBR. *wnwt* "hour"; "priesthood." LOGO. in *dwȝt* "morning"; *dwȝt* "netherworld" (i.e. "morning twilight zone"). PHON. *dwȝ* in *dwȝ* "to adore." Possibly is a rare ABBR. for *ḫȝbȝs* "the starry sky" (*BIFAO* 64 [1966], pp. 1–10, §37).

N15 star in a circle

LOGO. in , varr. , *dwȝ* "netherworld."

N16 flat piece of land with sand grains

LOGO. in , varr. , *t3* "land," "earth." DET. land, earth in *ḏt* "estate"; *ḏt* "eternity." In L.E. group writing has the value *ta*.

N17 variant form of N16

Use same as N16.

N18 sandy land

LOGO. in , var. *iw* "island." DET. desert or foreign land, exx. *3ḫt* "horizon"; *Tḥnw* "Libya"; *Stt* "Asia." In L.E. group writing, (variant of) has the value *ʾi*. Different signs with similar or identical shapes are: 1) a garment (see after S26); 2) a loaf (see after X4); 3) the oval, see Z8.

N19 Double writing of N18

ABBR. in *Ḥr-3ḫty* "Ḥarakhty" ("Horus of the horizon").

N20 tongue of land

DET. land in *wḏb* "(sand-)bank," "shore." PHON. *wḏb* in *wḏb* "to fold over," "divert." A similar sign is used as a PHON. DET. in *ḥb-sd* "Sed-festival"; it is probably a variant of the tail sign F33.

N21 tongue of land

DET. land in *iḏb* "bank"; ABBR. *iḏb* "bank"; dual , *iḏbwy* "The Two Banks" (a designation for Egypt). Commonly used in 18th Dynasty, often replacing N23. Exx. *t3* "earth"; *dmi* "town." ABBR. *s3ṯ* "brick"; "libation stone."

N22 O.K. forerunner of N20 and N21

DET. land in *wḏb* "bank."

N23 irrigation canal

DET. irrigated land, exx. *t3* "land"; *t3š* "border." DET. as a group, ex. *rk* "time."

N24 irrigation network

LOGO. or DET. irrigated land in , varr. , *sp3t* "district," "nome"; also in *ḏ3tt* (?) "estate." DET. "province," "region," "garden," exx. *Šmʿw* "Upper Egypt"; *ḥsp* "garden."

N25 hill country

LOGO. or DET. in *ḫ3st* "(foreign) land." DET. desert, exx. *smt* "desert"; *i3btt* "east." LOGO. or ABBR. in the word *sm(w)t* "desert," esp. in the title *imy-r sm(w)t i3bt(w)t* "Overseer of the eastern deserts." DET. foreign land, ex. *Nhrn* "Nahrên."

N26 side view of mountains

LOGO. in *ḏw* "mountain." PHON. *ḏw*, ex. *3bḏw* "Abydos."

N27 sun over mountains

LOGO. in *3ḫt* "horizon."

N28 rising sun

LOGO. in *ḫ^{c}i* "to rise; appear in glory" (said of the sun and the king). PHON. *ḫ^{c}*, ex. *ḫ^{c}m* "to approach."

N29 slope in profile

PHON. *q*

N30 earthen mound

LOGO. in , var. *i3t* "mound."

N31 road with plants

LOGO. or DET. in , var. *w3t* "road, path, course." DET. "road," ex. *mṯn* "road." DET. "travel," ex. *^{c}r* "to ascend." DET. "location, extent" ex. *^{c}3* "here"; *r-sy* "entirely." DET. "distance" *w3* "to be far." ABBR. *w3*, ex. *w3 r* "to fall into (bad state)"; "to sink to doing (intolerable actions, such as rebellion)." ABBR. *ḥr*, ex. *'In-Ḥr* (the god) "In-Ḥor" ("Onūris").

N33 ∘ grain of sand, particle etc., plural: ∘∘, ∘∘∘

DET. "sand," e.g. *š^{c}y* "sand." DET. "metal, mineral," ex. *ḥḏ* "silver." DET. "particle," "flake," "pellet," "medicine," e.g. *mnḫ* "wax," *pḫrt* "medical prescription." Sometimes three particle signs are used in place of the plural strokes (∘∘∘, ⁘). This sign also occurs in various words of the root *qd(i)*, ex. *qd* "form; character."

N34 metal object

LOGO. in *ḥmt*? "copper." DET. "objects of copper or bronze," ex. *^{c}nḫ* "mirror."

N35 water with waves — PHON. *n*.

three sets of waves — LOGO. *mw* "water." PHON. *mw*, ex. *šmw* "summer." DET. "water, liquid, actions related to water," exx. *w3w* "wave"; *swr* "to drink." In the 18th Dyansty, the compound determinative (also) is used for bodies of water, ex. *ḫnw* "brook."

N36 irrigation channel — LOGO. in *mr* "canal, channel." PHON. or PHON. DET., ex., var. *mrỉ* "to love." More rarely PHON. *mỉ*, ex. *mỉst* "liver." DET. "body of water," ex. *w3ḏ wr* "ocean."

N37 Pool of water — LOGO. in , *š* "pool." PHON. *š*. Sometimes used for N36, and X4.

N38 Pool of water (a more detailed form) — Use as N37.

N39 Pool of water (another detailed form) — Use as N37.

N40 Combination of N37 and D54. — Used in the word *šm* "to go."

N41 well with water — DET. "well," ex. *ḫnmt* "well." DET. "marsh," ex., var. *pḥww* "limits," "distant marshlands." PHON. *ḥm*, exx. *ḥmt* "woman"; *nḥm* "to rescue." PHON. or PHON. DET. *bỉ3*, ex. *bỉ3w* "mine, mining region."

N42 well with water — Use as N41.

§O. Buildings, their Parts, etc.

O1 house — LOGO. in *pr* "house." DET. "house, building, compartment" exx. *ḫnw* "interior," *st* "place." PHON. *pr*, ex. *prỉ* "to go out."

O2 combination of O1 and T3 — In *pr-ḥḏ* "treasury."

O3 combination of O1, P8, X3, and W22 — In *prt-ḫrw* "invocation offerings" (§197).

O4 hut or court yard — LOGO. in *h* "courtyard"? PHON. *h*.

O5 undulating wall — DET. in *mrrt* "street." PHON. or PHON. DET. *mr* in *mr-wr* "Mnevis-bull." PHON. DET. *nm*, ex. *nmỉ* "to travel."

O6 enclosed estate with large building (plan) — LOGO. in *ḥwt* "temple, estate, funerary chapel."

O7 combination of O6 and *t*. — Use same as O6.

O8 combination of O7 and O29 — In *ḥwt-ꜥ3t* "palace, temple, tomb-chapel."

O9 combination of O7 and V30 — In , var. *Nbt-ḥwt* (the goddess) Nephthys.

O10 combination of O7 and G5 — In , var. *Ḥwt-ḥr* (the goddess) Hathor.

O11 fortified palace — LOGO. in , var. *ꜥḥ* "palace."

O12 combination of O11 and D36 — In *ꜥḥ* "palace."

O13 enclosure with battlements — LOGO. in *wsḫt* "hall" (large room in a temple or palace). DET. in *sbḫt* "gateway," "portal."

O14 portion of O 13 — Use same as O13.

O15 enclosure with the signs W10 and X1 — LOGO. in , varr. , *wsḫt* "hall" (large room in a temple or palace).

O16 cornice (?) with uraei — LOGO. or DET. in , *t3yt* "shroud" and related words.

O17 O.K. version of O16 — Use as above. Also, *t3-wr* "larboard," a variant writing of *t3-wr* "larboard."

O18 shrine with curved top — LOGO. or DET. in , varr. , *k3r* "shrine."

O19 ancient type of shrine — DET. shrine exx. *Pr-wr* the national shrine of Upper Egypt at El-Kāb; *ỉtrt šmᶜyt* "the Conclave of Upper Egypt" (the row of shrines representing the Upper Egyptian cult sites in the Sed-festival).

O20 another type of shrine — DET. shrine exx. *Pr-nw* the national shrine of Lower Egypt at Dep.; *ỉtrt* "row of shrines."

O21 front face of shrine — LOGO. or DET. in , var. *sḫ-nṯr* "god's pavilion," "chapel."

O22 pavilion supported by a pillar or pole — LOGO. or DET. in , var. *sḫ* "pavilion, booth"; PHON. *sḫ* in *sḫ* "council"; "counsel."

For *ḥb*, see W4

O23 shrine used in the Sed-festival — LOGO. or DET. in , varr. , *ḥb-sd* "*Sed*-festival."

O24 pyramid — DET. in *mr* "pyramid." ABBR. *mr* "pyramid." DET. in names of pyramids and in the name *Mn-nfr* "Memphis."

O25 obelisk — LOGO. or DET. in , var. *ṯḥn* "obelisk."

O26 stele — LOGO. or DET. stele, exx. , var. *wḏ* "stele," "inscription."

O27 pillared hall — DET. hall in *ḫ3* "office." PHON. *ḫ3* in *ḫ3wy* "night."

O28 column

LOGO. in *ỉwn* "column." PHON. *ỉwn*, ex. *ỉwnt* "bow"; *ỉnw* "Heliopolis." In Late Egyptian group writing, the group had the value *an*.

O29 wooden column (also in rotation)

PHON. *ꜥ3*, exx. *ꜥ3* "great"; *ꜥ3* "donkey." In Late Egyptian group writing the group had the value *ꜥa*.

O30 post (support)

LOGO. or DET. in , var. *sḫnwt* "posts, pillars (of the sky)."

O31 door

LOGO. or DET. in ,var. *ꜥ3* "door." DET. to open, ex. *wn* "to open."

O32 doorway, lintel

DET. door, gate, exx. , var. *sb3* "door"; *sbḫt* "portal."

O33 façade of archaic building

DET. in *srḫ* "*serekh*" a type of "banner" that contains the Horus name of the king.

O34 door bolt

PHON. *s* (originally *z*?). Also occurs occasionally in place of R22, ex. , var. *ḫm* "shrine."

O35 combination of O34 and D54

LOGO. in words with *s* as a root letter that involve motion, exx. , var. (rare) *sbỉ* "to travel; send; lead; deliver." *ms* "to bring, present." *ỉs* "go!" (imperative). Also PHON. *sy* in , varr. , *sy* "who?"; "what?" (interrogative, §169).

O36 wall (birds-eye view of a walled enclosure)

LOGO. or DET. in , var. *ỉnb* "wall." DET. wall, e.g. *sbty*, "rampart."

O37 falling wall

DET. overthrow, demolish, tilt, exx. *whn* "to topple" (a wall); *gs3* "to tilt; favour."

O38 a corner

DET. in *qnbt* "corner," hence PHON. DET. in , ABBR. *qnbt* "court" (of law).

O39  block of stone (generally distinguished from  N37)

DET. stone, block, exx. *inr* "stone";  *dbn* "*deben*-weight";  *ḏbt* "mud-brick."

O40 stairway

DET. stairs, terrace, hill, exx.  *rdw* "stairway." ABBR.  *rwd / rdw* "stairway; tomb shaft"; , ABBR.  *ḥtyw* "platform, dais"; "terraced hillside."

O41  double stairway

DET. stairs, ascent, height, ex. *q3y* "hill."

O42  a fence

PHON. *šsp*, exx. *šsp* "to receive";  *šsp* "light; dawn."

O43 O.K. form of O42

Use as O42.

O44  an emblem of the temple of Min

LOGO. or DET. in , var.  *i3t* "office; function; duty." (Used, for instance, of the "royal office," i.e. kingship.)

O45  an enclosed space within an enclosed space (bird's-eye-view)?

LOGO. or DET. in , varr. , *ỉpt* "private quarters"; "secret chamber" (of a temple).

O46 older form of O45

Use as O45.

O47 a very ancient building in Hieraconpolis

LOGO. in , var. *Nḫn* "Hieraconpolis" (Kôm el-Aḥmar, in Upper Egypt). PHON. *mḫn* in  *mḫnt* "carnelian (?)."

O48  a variant form of O 47

Use as O47.

O49 a town's crossroads

LOGO. in  *nỉwt* "city, town." DET. town, city, inhabited area, e.g.  *Mn-nfr* "Memphis"; *T3-mrỉ* "Egypt";  *ḏ3tt* (?) "estate."

O50 threshing floor with bits of grain — DET. in *spt* "threshing floor." PHON. or PHON. DET. *sp*, in *sp* "occasion; opportunity," and derivatives. The grouping , var. *sp sn* indicates that a word or a part thereof, or occasionally a whole phrase or sentence, is to be repeated, e.g. *nfr sp sn* (i.e. *nfr nfr*) "very good" (§70). It also occurs in *ḥ3t-sp* (reading not entirely certain) "regnal year" (§69).

O51 grain pile — LOGO. or DET. in , var. , ABBR. *šnwt* "granary."

P. Ships and Parts Thereof

P1 boat on the water — DET. boat, ship, ex. *dpt* "ship, boat."; DET. sailing, ex. *d3i* "to cross" (river). As an ABBR., has various values, including *imw* "boat," and at least once, *q3q3w* "barge."

P1a upside-down boat — DET. capsizing in *pnᶜ* "overturn, capsize, upset."

P2 ship with sail unfurled — DET. in *ḫntỉ* "to sail upstream."

P3 a sacred ship — LOGO.or DET. in *wỉ3* "sacred bark," and DET. in various divine boats.

For see G7a. For see G10.

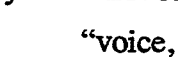
P4 papyrus boat — LOGO. in *wḥᶜ* "fisherman." PHON. *wḥᶜ* in *wḥᶜ* "to untie"; "to go home"; *wḥᶜ* "to investigate."

P5 mast and sail — LOGO. or DET. in *t3w* "wind"; "breath." DET. wind, e.g. *dᶜ* "wind storm." LOGO. in *nfw* "skipper" (of boat).

P6 mast — PHON. *ᶜḥᶜ* in *ᶜḥᶜ* "to stand" and similar words.

P7 combination of P6 and D36 — Use as P6.

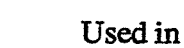
P8  oar (also used horizontally)

DET. oar, ex.  *ḥpt* "oar." PHON. *ḥrw*, exx.  *ḥrw* "voice, noise";  *ḥrwy* "enemy."

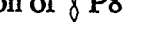
P9 combination of P8 and I9

Used in the group , var. *ḥr(y)·fy* "so says ..." (§189).

P10  steering oar

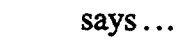
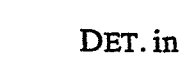
DET. steering oar in, e.g.,  *ḥmw* "steering oar."

P11 mooring post

DET. in  *mnit* "mooring post"; *mni* "to moor"; "to die."

Q. Household and Funerary Furniture

Q1 throne

LOGO. in *st* "place, seat." PHON. *st*, e.g.  *mꜣst* "knee." Also in *Wsir* "Osiris." And in  *ḥtm* "to provide";  *ḥtm* "to perish."

Q2  portable chair

PHON. *ws* in  *Wsir* "Osiris."

Q3 stool?

PHON. *p*.

Q4 head-rest

DET. in *wrs* "head-rest."

Q5 chest (with many variant forms)

DET. chest, container, e.g. *ᶜfdt* "chest."

Q6 coffin

LOGO. or DET. in *qrsw* "coffin" and related words.

Q7  fire pot with flame

DET. fire, exx.  *ḫt* "fire";  *sḏt* "fire, flame." Also *nsrsr* in  *ʾIw-nsrsr*, "Isle of Fire" (a place in the hereafter).

Q8  table

LOGO. or DET. in , var. *ṯt* "table."

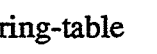
PHON. *ṯ* in  *ṯt* "staff, gang, crew."

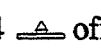
R. Temple Furniture and Sacred Symbols

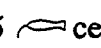
R1 table with offerings

LOGO. or DET. *ḫꜣwt*, varr. , *ḫꜣt* "altar, offering-table."

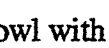
R2  table with offering loaves (variant of R1) — Use as R1.

R3  offering-table — DET. in  *wḏḥw* (originally *wdḥw*) "offering-table." Also ABBR. in, e.g., *sš wḏḥw* "scribe of the offering table."

R4  offering loaf on a slab — LOGO. in  *ḥtp* "offerings." PHON. *ḥtp*, e.g., *ḥtp* "to be pleased; to rest."

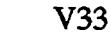
R5  censer — LOGO. or DET. in *kꜣp* "to fumigate." PHON. *kꜣp* in *kꜣp* "hut." Also in *Kpny* "Byblos" (a Phœnician town).

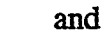
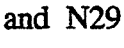
R6 O.K. form of R5 — Use as R5.

R7  incense bowl with smoke — LOGO. or DET. in  *sntr* "incense." Also used in the writing of *bꜣ* "soul" and *bꜣ* "ram." Therefore in the groups for the group writing *bi*: .

R8 banner on pole — LOGO. in *nṯr* "god." PHON. also *ntr*, e.g. *ntr* "divinity."

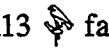
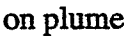
R9 combination of R8 and V33 — DET. in *bd*, var. "(type of) natron."

R10  combination of R8 and T28 and N29 — LOGO. in , var. *ḫrt-nṯr* "cemetary, necropolis."

R11  column — LOGO. in  *ḏd* "the *djed*-column." PHON. *ḏd* (sometimes also *dd*), ex. *ḏdt* "stability."

R12 standard to support religious objects — DET. in *iꜣt* "standard." This sign also occurs in conjunction with the emblems of deities, ex. *Mnw* "(the god) Min."

R13  falcon on plumed standard — (Emblem of the West) LOGO. in  *imnt* "west" and derivatives.

R14  variant form of R13 — LOGO. in  *imnt* "west" and derivatives. Also read *wnm* in *wnmy* "right-hand," "right-side."

R15  ornamented spear

(Emblem of the East) LOGO. in  *i3bt* "east" and derivatives, ex. *i3by* "left-hand," "left-side."

R16  papyrus-shaped rod with feathers

LOGO. or DET. in var. *wḫ* "the *wḫ*-emblem" of Cusae in Upper Egypt.

R17  ornamented wig

(Emblem of Abydos) LOGO. or DET. in , var. *T3-wr* "the nome of Abydos."

R18  variant form of R17

Use as last.

R19  the *w3s*-sceptre with fillet and plume

(Emblem of the U.E. nome of Hermonthis and Thebes) LOGO. in  *W3st* "Thebes."

R20  (unknown)

(Emblem of the goddess of writing) LOGO. in *Sš3t* "(the goddess) Seshat."

R21  O.K. form of R20

Use as last.

R22  (unknown)

(Emblem of the god Min) LOGO. in , var. *Mnw* "(the god) Min." LOGO. in *Ḫm* "(the city of) Letopolis" (in the Delta). PHON. *ḫm* in e.g. *ḫm* "shrine." Occasionally this sign is replaced with O34, ex. *ḫm* "shrine."

R23 O.K. form of R22

Use as R22.

R24  pair of bows bound together

(Emblem of the goddess of Sais) LOGO. or DET. in var. *Nt* "(the goddess) Neith."

R25  O.K. form of R24

Use as R24.

S. Crowns, Garments, Staves

S1 the white crown of Upper Egypt

LOGO. or DET. in , var. *ḥḏt* "White Crown." DET. U.E. crown, ex. *šmᶜ·s* "Crown of Upper Egypt."

S2  white crown in basket  V30

Use as S1.

S3 the red crown of Lower Egypt

LOGO. or DET. in , var. *dšrt* "red crown." DET. L.E. crown, ex. *mḥw·s* "the crown of Lower Egypt." LOGO. *bity* (occasionally) in exx. *sḏ3wty(?)-bity* "treasurer of the king of Lower Egypt"; *nsw-bity* "king of Upper and Lower Egypt." PHON. *n* (rare before Dynasty 18).

S4 red crown in basket V30

Use as S3, however, PHON. *n* is extremely rare.

S5 red and white crowns combined

DET. double crown in *sḫmty* "the double crown" (of Upper and Lower Egypt).

S6 the double crown in basket V30

Use as S5.

S7 the blue crown

LOGO. or DET. in , var. *ḫprš* "the blue crown."

S8 the *atef* crown

LOGO. or DET. in , var. *3tf(w)* "the *atef*-crown."

S9 double plumes

LOGO. or DET. in , var. *šwty* "double plumes."

S10 cloth strip worn as fillet

LOGO. or DET. wreath, ex. *w3ḥw* "wreath, garland." Also as LOGO. for the *m*-preformative noun (§192): , var. *mḏḥ* "fillet." PHON. *mḏḥ*, ex. , var. *mḏḥ* "to hew (wood/stone)."

S11 bead collar

DET. in , ABBR. *wsḫ* "ornamental collar." Infrequently as PHON. DET. *wsḫ*, ex. *swsḫ* "to widen."

S12 gold collar

LOGO. in *nbyt* "gold collar." LOGO. in *nbw* "gold." DET. precious metal, ex. *ḥḏ* "silver."

S13 combination of S12 and D58

Ex. *Nbyt* "(the town of) Kôm Ombo."

S14 combination of S12 and T3

In the word *ḥḏ* "silver."

S14a combination of S12 and S40 — In the word *ḏᶜm* "electrum."

S15 (a piece of jewelry?) — LOGO. or DET. in, var. *ṯḥnt / ṯḫnt* "faience." PHON. *ṯḥn*, ex. *Ṯḥnw* "Libyans."

S16 O.K. form of S15 — Use as S15.

S17 Alternate O.K. form of S15 — Use as S15.

S18 necklace with counter-weight — LOGO. or DET. in, var. *mnit* "necklace," "*menat*-necklace."

S19 seal on a necklace — LOGO. in, var. *sḏ3wty* (?) "treasurer," pl. *sḏ3wtiw* (?) "treasurers."

S20 seal on necklace (front view) — LOGO. or DET. in, var. *ḫtm* "seal" and related words. DET. seal, ex. *ḏbᶜt* "signet-ring." Occasionally replaces S19. Occasionally substitued for E31 *sᶜḥ* (goat wearing a seal).

S21 ring — DET. ring, ex. *iwᶜw*, var. ᶜᶜ*w* "ring."

S22 knotted object — PHON. *sṯ / st*, ex. *Sṯt* "Asia."

S23 uncertain — LOGO. or DET. in, var. *dmḏ / dmd* "to unite" and related words. Distinct from Aa6.

S24 knot of belt — LOGO. in *ṯst* "knot." PHON. *ṯs*, ex. *ṯs* "speech."

S25 a garment — LOGO. or DET. in, var. *ᶜ(w)* "interpreter, translator"?

S26 kilt — LOGO. or DET. in, var. *šndyt* "kilt."

(N18) a garment? — LOGO. or DET. in, var. *d3iw* "loin cloth."

S27 two twisted cords as fringe of a piece of cloth — LOGO. or DET. in, var *mnḫt* "clothing."

S28 piece of cloth with fringe combined with folded cloth S29

DET. in *ḥbs* "clothing." DET. cloth, covering, ex. *ỉnsy* "bright-red linen"; *ḥ3p* "to cover."

S29 folded cloth

PHON. *s*. ABBR. for *snb* in the phrase *ʿnḫ(w), (w)ḏ3(w), s(nbw)* "may he live long, prosper, and be healthy!" ("l.p.h.")

S30 combination of S29 and I9

PHON. *sf* in the word *sf* "yesterday."

S31 combination of S29 and U1

PHON. *sm3*, ex. *sm3* "wild bull."

S32 piece of cloth with fringe

LOGO. or DET. in *si3t* "fringed cloth." PHON. *si3*, ex. *si3* "to recognize."

S33 sandal

LOGO. or DET. in , var. *ṯbt / tbt* "sandal."

S34 sandal strap

LOGO. in *ʿnḫ* "sandal strap." PHON. *ʿnḫ*, exx. *ʿnḫ* "to live"; *ʿnḫwy* "ears."

(V39) tied cord

LOGO. in *tỉt* "the *tyet*-amulet."

S35 sunshade of ostrich feathers

LOGO. in *šwt* "shadow, shade." LOGO. or DET. in , var. *sryt* "(military) standard."

S36 O.K. form of S35

Use as S35.

S37 fan

LOGO. or DET. in , var *ḫw* "fan."

S38 staff

LOGO. or DET. in *ḥq3t* "sceptre." PHON. *ḥq3*, exx. *ḥq3* "to rule"; *ḥq3t* "*ḥeqat*-measure" (of grain). usually replaces S39 in the word *ʿwt* "flocks."

S39 staff

PHON. *ʿwt* in *ʿwt* "flocks." Usually replaced by S38 .

S40 sceptre — LOGO. or DET. in *wꜣs* "the *was*-sceptre." PHON. or PHON. DET. *wꜣs*, ex. *wꜣsỉ* "to be ruined." Replaces S41, exx. *ḏꜥm* "*djaam*-sceptre"; *ḏꜥm* "electrum." Also PHON. *ỉꜣtt* in *ỉꜣtt* "milk, cream."

For see R19; for see S14a.

S41 sceptre with spiral shaft — PHON. *ḏꜥm*, ex. *ḏꜥmw* "electrum." (Derives from the name of the sceptre: *ḏꜥm* "*djaam*-sceptre.")

S42 sceptre of power — LOGO. or DET. in , var. *ꜥbꜣ* "*aba*-sceptre." PHON. or PHON. DET. *ꜥbꜣ*, ex. *ꜥbꜣ* "offering-stone." PHON. *sḫm*, ex. *sḫm* "powerful." LOGO. or DET. in , var. *ḫrp* "to direct, control." As ABBR. in titles, is possibly always to be read *ḫrp* "controller of ..."

S43 staff — LOGO. in *mdw* "staff." PHON. *md* in *mdw* and related words.

S44 staff and flagellum — LOGO. or DET. in , var. *ꜣms* "the *ames*-sceptre."

S45 flagellum — LOGO. or DET. in , varr. , *nḫꜣḫꜣ* "flagellum."

T. Warfare, Hunting, Butchery

T1 mace — From the name of the *mnw*-mace (*mnw*), PHON. *mnw*, ex. *m n·k* "take for yourself"; *Swmnw* "(the town of) Sumenu."

T2 striking mace with pear-shaped head — DET. in *sqr* "to smite."

T3 mace with pear-shaped head (upright) — LOGO. in , var. *ḥḏ* "mace." PHON. *ḥḏ*, exx. "to injure"; *ḥḏ* "white."

T4 mace with strap — Use as T3.

T5 combination of T3 and I10 — Use as T3.

T6 combination of T3 and two I10 — PHON. *ḥḏḏ*, ex. *ḥḏḏwt* "brightness."

For O2; for S14.

T7 axe — LOGO. or DET. in, var. *mḏḥ* "to hew (wood or stone)." LOGO. in *mḏḥ* "carpenter."

T7a axe — DET. in *3qḥw* "axe."

T8 archaic dagger — PHON. *tpy*, ex. *tpy* "first, chief" (§67).

T8a dagger of M.K. style — DET. in *b(3)gsw* "dagger."

T9 archaic bow — LOGO. or DET. in, var. *pḏt* "bow." PHON. or PHON. DET. *pḏ / pd*, ex., var. *pḏ, pd* "to stretch."

T9a O.K. form of T9 — Use as T9.

T10 composite bow — LOGO. in, var. *pḏt* and related words.

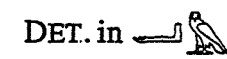
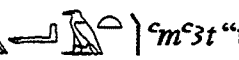
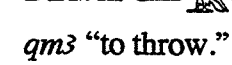
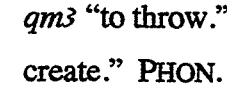
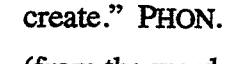
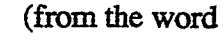
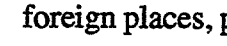
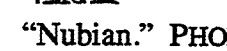
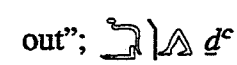
(Aa32) archaic type of bow (occasionally written or) — LOGO. or DET. in *T3-Sty* "Nubia" and related words, exx. *Stiw* "Nubians"; *sty* "Nubian ochre" (?).

T11 arrow — DET. in *ḥ3* "arrow." PHON.or PHON. DET. *sin / swn*, exx. *swnw* "physician"; *swnt* "price."

T12 bow string — LOGO. or DET. in *rwd* "bow string." PHON. or PHON. DET. *rwḏ / rwd*, exx. *rwḏ* "hard"; *rwḏt* "sandstone." PHON. DET. *3r (3i)*, ex. *m3r* "misery"; *d3r* "to subdue." ABBR., var. *d3r* "to subdue."

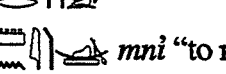
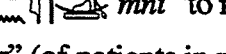
T13 pieces of joined wood — PHON. or PHON. DET. (?) *rs*, ex. *rs* "to be vigilant."

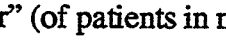
T14 throw-stick, foreign weapon

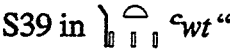
DET. in  *ꜥmꜥ3t* "throw-stick";  *qm3* "to throw." PHON. DET. in *qm3* "to create." PHON. DET. *ṯn*, ex.  *ṯni* "to distinguish (from the word  *ṯni3* "throw-stick"). DET. foreign places, peoples, things, exx. , LOGO.  *ꜥ3m* "Asiatic"; , ABBR.  *Nḥsy* "Nubian." PHON. DET. *ḏꜥ* in  *ḏꜥr* "to search out";  *ḏꜥ* "to spear (fish)."

This sign replaces a number of similar signs:

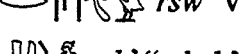
a) D50, ex.  *mtr* "to witness";

b) P11, ex.  *mnỉ* "to moor"; ABBR.  *mnỉw* "cot, litter" (of patients in medical texts);

c) S38 and S39 in  *ꜥwt* "flock" (of sheep/goats);

d) T13, ex.  *rsw* "vigilance";

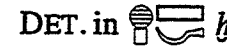
e) Aa26 in  *sbỉ* "rebel."

(In Late Egyptian, LOGO. in  *wꜥḫyt* "village.")

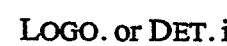
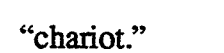
T15 O.K. form of T14

Use as T14.

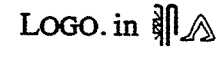
T16 scimitar

DET. in  *ḫpš* "scimitar."

T17 chariot

LOGO. or DET. in , var.  *wrryt* "chariot."

T18 shepherd's crook and bundle

LOGO. in  *šms* "to accompany" and derived words.

T19 harpoon-head, made of bone — LOGO. or DET. in *qs* "bone." PHON. or PHON. DET. *qs*, ex. , var. *qsn* "painful." PHON. DET. *qrs*, ex. *qrs* "to bury" and derived words. PHON. DET. *gn* in *gnwt* "annals" and likely in , var. *gnwty* (?) "sculptor." DET. bone, tubular object in *ꜣbw* "ivory"; *mꜣwt* "(spear) shaft"; *twr* "reed," hence PHON. DET. *twr*, ex. *twr* "to show respect."

T20 O.K. form of T19 — Use as T19.

T21 harpoon — LOGO. in *wꜥ* "one" and derived words.

T22 arrow head — LOGO. in *snw* "two" and in *sn* "brother." Also PHON. *sn*, e.g. *sn* "to smell, kiss."

T23 alternative form of T22 — Use as T22.

T24 fish net — DET. in *ꜥḥ*, var. *iḥ* "to trap, net." PHON. *ꜥḥ* and *iḥ*, e.g. *ꜥḥt* "farm-land"; *ꜥḥwty*, var. *iḥwty*. "cultivator."

T25 reed floats — LOGO. in *ḏbꜣw* "floats." PHON. *ḏbꜣ*, e.g. *ḏbꜣ*, var. *dbꜣ* "to replace."

T26 bird-trap — LOGO. or DET. in , var. *sḫt* "to trap, snare." PHON. DET. *sḫt*, e.g. *sḫt* "to weave"; *sḫt* "to mould (bricks)."

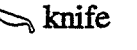
T27 O.K. form of T26 — Use as T26.

T28 butcher's block — LOGO. in , var. *ḫr* "under, below," etc. PHON. *ḫr*, e.g. *mḫr* "storehouse, barn."

T29 combination of T30 and T28 — LOGO. or DET. in , var. *nmt* "slaughter house."

For see R10; for see W5; for see N7.

T30  knife

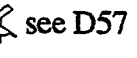
DET. knife, e.g.  *ds* "knife" and *ds* "flint". DET. sharp in *dm* "to be sharp"; PHON. *dm* in *dm* "to pronounce (name)." ABBR. *dmt* "knife."

For see D57

T31 knife-sharpener?

PHON. *sšm*, in , varr. , *sšm* "to guide, lead" and derived words.

T32  combination of T31 and D54

PHON. *sšm* in , "to guide, lead" and related words.

T33 knife-sharpener

LOGO. in *sšm* (?) "butcher."

T34  butcher's knife

LOGO. in *nmt* "slaughter house." PHON. *nm*, e.g. *nmᶜ* "to be partial, one-sided."

T35 alternative form of T34

Use as T34.

U Agriculture, Crafts, Professions

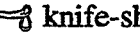
U1 sickle

PHON. *mꜣ*, exx.  *mꜣꜣ* "to see"; *mꜣi* "lion."

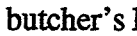
U2 alternative form of U1

Use as U1.

U3 combination of U1 and D4

Used in  *mꜣꜣ* "to see."

U4 combination of U1 and Aa11

PHON. *mꜣᶜ*, used in such words as  *mꜣᶜ* "true."

U5 alternative form of U4

Use as U4.

For see G3; for see G46; for see S31.

U6 hoe — DET. cultivation, hacking up (earth), destroying, exx. *ḥbs* "to hack up (earth)"; *ḥbȝ* "to destroy." PHON. *mr*, exx. *mrỉ* "to love"; *mr* "to bind." Rarely used in place of U8.

U7 alternative form of U6 — Use as U6.

U8 another form of the hoe — PHON. *ḥn*, ex. *ḥnw* "bowl."

U9 grain measure with grains pouring out — DET. grain, measuring, exx. *bdt* "emmer"; *ḫȝỉ* "to measure." ABBR. *ḥqȝt* "*ḥeqat*-measure (§68, 1)."

U10 combination of U9 and M33 — LOGO. in *ỉt* "barley." Also used occasionally (Dynasty 18) in place of U9.

U11 combination of S38 and U9 — LOGO. or ABBR. in *ḥqȝt* "*ḥeqat*-measure (§68, 1)."

U12 combination of D50 and U9 — LOGO. or ABBR. in *ḥqȝt* "*ḥeqat*-measure (§68, 1)."

(O30) pitchfork — DET. in *ʿbt* "(forked) staff of office." PHON. or PHON. DET. in *sḏb*, var. *sdb* "impediment, obstacle."

U13 plough — DET. ploughing, cultivation, exx. *skȝ* "to plough"; *hb* "plough." PHON. *hb*, ex. *hbny* "ebony." As a replacement of U14, ex. *šnʿ* "to repel; to turn back."

U14 two branches of wood (O.K. form) — O.K. sign used for *šnʿ*, later replaced by U13.

U15 sledge — LOGO. in *tmt* "sledge." PHON. *tm*, exx. *tm* "to perish"; *tm* "to not do."

U16 sledge with jackal head — DET. in *wnš* "sledge." PHON. or PHON. DET. *bỉȝ*, exx. *bỉȝw* "wonders"; *bỉȝyt* "miracle"; *bỉȝt* "gritstone."

U17 pick-axe excavating a pool — LOGO. or DET. in varr. , *grg* "to found, establish, snare (game)." Thus PHON. *grg* in varr. , *grg* "falsehood."

U18 O.K. form of U17 — Use same as U17.

U19 adze — PHON. *nw* in the group or , ex. *nw* "this." In group writing, the group has the value *nu*.

U20 O.K. form of U19 — Use as U19.

U21 adze working wood — DET. or PHON. *stp*, exx. *stp* "to cut up"; "pick out, choose"; *stp* "strip of cloth."

U22 chisel — PHON. DET. *mnḫ*, ex. *mnḫ* "to be proficient."

U23 an unknown object, perhaps a chisel — PHON. *mr*, ex. *mr* "to be sick." Also PHON. *3b*, ex. *3bw* "elephant."

For , see Aa21, Aa22

U24 drill for stone working — LOGO. *ḥmw* "skilled" and derived words.

U25 O.K. form of U24 — Use as U24.

U26 drill boring a bead — LOGO. in *wb3* "to open up" and in derivatives.

U27 O.K. form of U26 — Use as U26.

U28 fire-drill — LOGO. in *ḏ3* "fire-drill"; hence PHON. *ḏ3*, ex. *ḏ3i* "to ferry (across)." In group writing usually *ḏa* or *ḏi*.

U29 O.K. form of U28 — Use same as U28.

U30 potter's kiln — LOGO. in *t3* "kiln." PHON. *t3*, ex. *t3yt* "shroud." In group writing, perhaps *ta*.

U31 unknown, perhaps a baking implement — LOGO. or DET. in *rthy* "baker." Whence PHON. DET. in *ith*. "fortress." Also LOGO. or DET. in *ḫnrt*. "prison" and derived words. Because of similarities in hieratic, sometimes substituted for D19 and D20.

U32 mortar and pestle

DET. of *sḫm* "to pound, crush." PHON. or PHON. DET. *smn*, ex. *ḥsmn* "natron." ABBR. *ḥsmn* "bronze." DET. heavy, pounding, exx. *ḥm3t* "salt"; *dns* "heavy."

U33 pestle

LOGO. in *tit* "pestle." PHON. *ti*, ex. *šm·ti* "(she) has gone." As group writing, usually the group has the value *ta*. Occasionally this sign may stand for *t*.

U34 spindle whorl

LOGO. in *ḫsf* "to spin." PHON. or PHON. DET. *ḫsf*, ex. *ḫsf* "to oppose."

U35 Combination of U34 and I9

Use as U34.

(Aa23) warp in loom

DET. in , varr. , *mḏd* "to hit, press on" and derivatives.

(Aa24) O.K. form of Aa23

Use as Aa23.

U36 Stick used for doing laundry

PHON. *ḥm*, exx. *Ḥm·f* "His Majesty"; *ḥm* "servant."

For see D31

U37 razor

DET. in *ḥ^cq* "to shave."

U38 balance

LOGO. or DET. in , var. *mḫ3t* "balance."

U39 balance stand

DET. in *wṯs* "to weigh; raise up" and related words. Also DET. in *ṯsi* "to raise up." PHON. DET. *ṯs*, ex. *ṯsi* "to be angry."

U40 semi-cursive form of U39 (Dynasty 18)

Use same as U39. But also (because of similarity in hieratic) used for T13, ex. *rs-tp* "to be vigilant."

U41 plummet (of balance)

DET. in *tḫ* "plummet." PHON. DET. *tḫ*, ex. *tḫi* "to be drunk."

V Rope, Fibres, Basketry, Etc.

V1 rope — DET. rope, exx. *nwḥ* "rope"; *nwḥ* "to bind." DET. or PHON. DET. in *šnỉ* "to encircle" and related words. PHON. DET. *šn*, ex. *šnỉ* "to enquire into; curse."

For as hieratic equivalent of G43, see Z7.

V2 door bolt — O34 combined with cord V1 (used to draw the bolt) — LOGO. in *st3*, var. *st3* "to draw, drag." PHON. or PHON. DET. *st3* / *st3*, exx. *st3t* "aroura" (a land measure, see §68, 4); *st3w* "secretions." PHON. DET. *3s* in *3s* "to hurry."

V3 the sign V2 with three cords — PHON. *st3w* in , var. *R-st3w* "necropolis" (especially Gizah).

V4 lasso — PHON. *w3*, exx. *w3t* "road"; *w3ḥ* "flood."

V5 rope — DET. in *snṯ* "to measure out (land); to found."

V6 cord loop with ends on top — LOGO. or SEMI-LOGO. or DET. in the word *šs* "rope," ABBR. *šs* "rope." PHON. *šs*, exx. *šs* "alabaster vessels"; *šsm* "to be bloodshot (eyes)."

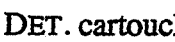
There was confusion between this sign and V33 , which had a similar sound, *sšr*, as well as a similar form. Thus V6 is also used with that value in the following words: *sšrw* "linen"; *sšrw* "things"; *sšrw* "grain." V6 also replaces V33 as DET. in *ʿrf* "to enclose."

PHON. *g* in hieratic texts.

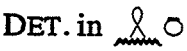
V7 looped cord with ends at the bottom — PHON. *šn*, exx. *šn* "tree"; *šnỉ* "to encircle, encompass."

V8 alternative form of V7 (18th Dynasty) — Use as V7.

V9  cartouche in round form

DET. cartouche, ring, exx.  *šnw* "cartouche";  *šn* "ring."

V10  cartouche in oval form

DET. in  *šnw* "circuit, circumference";  *rn* "name (of king)." The names of kings and other royal figures were written inside of the oval cartouche (§69).

V11  uncertain

DET. in  *dnỉ* "to dam (water)." DET. in  *pḫ3* "to purge; reveal." PHON. DET. or ABBR. in *pḫ3* in , var.  *pḫ3* "decking (of ship)."

V12  string loop

DET. tying and untying, exx.  *ʿrq* "to put on (clothing)";  *sšd* "headband"; , ABBR.  *fḫ* "to loosen; to set out (on a journey)." From *ʿrq*, PHON. or PHON. DET. in  *ʿrq* "to swear" and , var.  *ʿrqy* "last day of the month." DET. papyrus rolls, documents, ex.  *snn* "document; copy."

V13 rope tether

PHON. *t*.

V14  V13, with a tick

PHON. *t*.

V15  combination of V13 and D54

In  *ỉṯỉ*, var.  *ỉtỉ* "to take."

V16  cord used as a hobble for cattle

PHON. *s3*, ex. *s3* "protection."

V17 papyrus shelter of herdsmen

PHON. *s3*, ex. *s3* "amulet."

V18  O.K. form of V17

Use as V17.

V19  hobble for cattle

LOGO. or DET. in , var.  *mḏt* "cattle stall." DET. wicker work and woven objects in , var. *ḫ3r* "sack" (a grain measure, §68, 1);  *tm3* "mat"; hence PHON. or PHON. DET. *tm3*, ex. , var. *tm3 / ṯm3* "land registry." By confusion with an older sign, DET. portable shrine, palanquin in  *qnỉ* "palanquin" (and  *qnỉ* "bundle, baggage");  *k3r* "shrine."

V20  hobble for cattle (without horizontal line)

PHON. *mḏ* in *mḏ(w)* "10" (§65).

V21  combination of V20 and I10

PHON. *mḏ*, exx.  *mḏt* "cattle stall";  *mḏ* "deep."

V22 whip

PHON. *mḥ*, ex.  *mḥ* "to fill"; *mḥ* "cubit."

V23  O.K. form of V22

Use as V22.

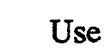
V24 spun fibre

PHON. *wḏ* (later *wd*), ex.  *wḏ* "to command."

V25  variant form of V24

Use as V24.

V26 spool

LOGO. in  *ᶜḏ* "spool, reel." PHON. *ᶜḏ*, *ᶜd*, exx.  *ᶜḏ* "to be safe";  *ᶜd* "grease."

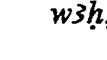
V27  O.K. form of V26

Use as V26.

V28 twisted flax

PHON. *ḥ*.

V29  fibre swab

PHON. *sk*, ex.  *skỉ* "to perish." PHON. or PHON. DET. *w3ḥ*, ex. , var.  *w3ḥ* "to set down."

V30 basket

LOGO. in  *nbt* "basket." PHON. *nb*, ex.  *nb* "every, all."

V31 basket with handle

PHON. *k*. In hieratic the sign is written retrograde:  (with handle on the left).

V32  bundle of wicker (possibly used as a flotation device)

DET. or PHON. DET., ex. *msnw* "harpooner." DET. in *g3wt* "tribute." PHON. DET. *g3w*, ex. *g3w* "lack, default."

V33 linen bag — LOGO. or DET. in *sšr* "linen." PHON. *sšr*, ex. *sšrw* "grain." PHON. *g* (in a few words), exx. *wgg* "feebleness, weakness"; *Gbtiw* "Koptos" (a town in Upper Egypt).

V34 variant form of V33 — Use as V33.

V35 O.K. form of V33 — Use as V33.

V36 a receptacle? — PHON. or PHON. DET. *ḥn*, exx. *ḥnt* "occupation"; *ḥnty* "both ends."

V37 (unknown) — DET. in *idr* "stitch" (medical). PHON. or PHON. DET. *idr*, ex., var. *idr* "herd."

V38 bandage — DET. (O.K.) in *wt* "bandage." Later replaced by Aa2.

W Vessels of Stone and Pottery

W1 oil jar sealed with string — DET. oil, ointment, ex., ABBR. *mrḥt* "oil."

W2 oil jar (not showing string) — DET. in *b3s* "jar." PHON. *b3s*, ex. *B3stt* "the goddess Bastet."

W3 alabaster basin — DET. festival, exx. *ḥb* "festival"; *ḥbt* "ritual book." PHON. DET. *ḥb*, ex. *ḥb* "to catch (fish or foul)." DET. festival, ex. *Psḏntiw* "the New Moon Festival."

W4 Combination of O22 and W3 — LOGO. or DET. in *ḥb* "festival." DET. festival, ex. *w3g* "the Wag-festival."

W5 combination of T28 and W3 — In *ḫry-ḥbt* "lector-priest" (literally, "one who is holding the ritual book").

W6 O.K. sign for a vessel — DET. in *wḥ3t* "cauldron."

W7 granite bowl — DET. in *m3ṯ* "granite." PHON. DET. *m3ṯ*, ex. *m3ṯ* "to proclaim." DET. in *3bw* "Elephantine" (the source of granite).

W8  11th Dynasty variant of W7

Use as W7. PHON. DET. *3b*, ex.  *3bt* "family."

W9  jug with handle

PHON. *ḫnm*, exx. *ḫnm* "to join"; *Ḫnmw* "the god Khnum."

W10  cup

DET. in *i^{c}b* "cup." PHON. DET. *i^{c}b* / *^{c}b*, exx. *i^{c}b* "to be united"; *m-^{c}b* "in the company of." PHON. or PHON. DET. in *wsḫ* "wide"; *sḫw* "width." PHON. *ḥn(w)t* in *ḥnwt* "mistress." In words with the consonants *bỉ3*, sometimes this sign is used in place of N41.

W10a pot or lamp

PHON. DET. *b3*, ex. b3 "the *ba*, soul." Later this sign is supplanted by R7.

Aa4 O.K. form of last

Use as last.

W11 ring-stand for jars

PHON. *g*. LOGO. or DET. in , var. *nst* "seat, throne." LOGO. or DET. in *dšrt* "red pot."

W12 O.K. form of W11

Use as W11.

W13  O.K. form of W11

Use as W11.

W14 water amphora

LOGO. or DET. in *ḫst* "water jar." PHON. *ḫs*, ex. *ḫsỉ* "to favour."

W15  water amphora with water pouring

DET. in *qbb* "to be cool" and derived words. Also DET. in *qbḥ* "to purify." PHON. DET. *qbḥ*, ex. *qbḥw* "wild-fowl."

W16  Last in ring stand

LOGO. or DET. in *qbḥw* "cold water"; *qbḥw* "libation vase." Probably PHON. DET. *qbḥ*, ex. *qbḥ* "death."

W17 Water amphorae in a rack

LOGO. in *ḫn(w)t* "racks (for jars)." PHON. *ḫnt*, ex. *ḫnt* "in front of."

W18 O.K. form of W17

Use as W17.

W19 milk jug — DET. in *mhr* "milk jug." PHON. *mi*, ex. *mi* "like."

W20 milk jug — DET. in *irtt* "milk."

W21 two wine jars — DET. in *irp* "wine."

W22 beer jug — LOGO. or DET. in, var. *ḥnqt* "beer." DET. pot, ex. *ds* "beer jug; *ds*-measure" (§68, 1).

W23 pot with handles — DET. pot, vessel, liquids, exx. *qrḥt* "vessel"; *mrḥt* "oil."

W24 bowl — PHON. *nw*, exx. *Nwt* "(the goddess) *Nūt*"; *nw (n[y]w)* "of" (m. pl. genitival adjective). PHON. *in* in *ink* "I" (§56). For various reasons (some obscure) as DET. in the following words or sign groups: *ḏ3ḏ3t* "magistrates"; *qd* "to build"; *nḏ* "to ask." Also as a DET. for vessels, in place of W 22 and W 23.

W25 combination of W24 and D54 — In *inj* "to bring."

X Breads and Pasteries

X1 loaf of bread — LOGO. (or PHON. *t*) in, var. *t* "bread." PHON. *t*. In group writing, has the value *ti*.

X2 loaf of bread (in pan) — DET. bread, ex. *t* "bread."

X3 variant form of X2 — Use as X2.

X4 long loaf — DET. bread, food, exx. *t* "bread"; *fq3* "a cake." PHON. DET. *fq3* in *fq3* "reward." LOGO. or PHON. *mḫn* in, var. *mḫnmt* "carnelian? or red jasper?" There is some confusion in ancient and modern writings between X4, N18, and X5.

(N18) variant of X4 — Use as X4.

X5 an alternative of X4 derived from the hieratic

DET. bread, food, ex. *t* "bread." PHON. DET. *sn*, ex. *snj* "to pass by."

X6 round loaf with baker's finger imprint

DET. in *pȝt* "loaf." PHON. DET. *pȝt* in *pȝ(w)t* "primæval time" and derivatives. This sign is often replaced by ⊖ N9.

X7 a half-loaf (O.K. sign)

After the O.K., this sign is indistinguishable from N29, and is hardly used except in , var. *wnm* "to eat."

X8 cone-shpaed loaf

LOGO. giving in *rdj*, *dj*, *dd* "to give."

Y Writing, Games, Music

Y1 tied papyrus roll (also written vertically:)

LOGO. in *mḏȝt* "papyrus roll." DET. writing, abstract words (or descriptive words), exx. *sš* "to write"; *rḫ* "to learn." In mathematical texts and accounts, is an ABBR. for *dmḏ* "total."

Y2 O.K. form of Y1

Use as Y1.

Y3 writing kit (palette, pot, and pen holder)

LOGO. in *sš* "to write" and derivatives. DET. pigments, smoothness, exx. *nᶜᶜ* "smooth; colour."

Y4 rarer variant of Y3

Use as Y3.

Y5 a game board

PHON. *mn*, ex. *mnmn* "to quake (earth)."

Y6 game piece

PHON. *ibȝ* in , varr. , *ibȝ(w)* "dance(s)."

Y7 harp

DET. in *bnt* "harp."

Y8 sistrum

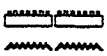
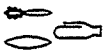
LOGO. or DET. in , *sššt* "sistrum." LOGO. or DET. in , *bȝt* (symbol of Hathor), *ḥqȝ bȝt* "ruler of the *bat*" (a title). Occasionally replaces S42 as *sḫm*, ex. *sḫm-jrj·f* "potentate."

Z Strokes, Geometric Signs, & Signs of Hieratic Origin

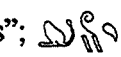
Z1 | stroke

LOGO. or DET. one, ex.  *wᶜ* "one." The stroke regularly indicates that a sign is to be read with the meaning of the object that it depicts (§13), exx.  *ḥr* "face";  *pr* "house." It is also used, however, in some common words, in which the word is not to be read as a logogram (§13), exx.  *sꜣ* "son" (not goose);  *ḥr* "upon." The stroke is also used rarely in place of the seated man for the first person singular suffix pronoun *·i* "I; my" (§23).

Z2 ||| three strokes, also written , , , and with particles: ∘∘∘ or 

DET. plurality (whether the word was grammatically plural or not), exx.  *wᶜbw* "priests";  *mnmnt* "cattle" (a fem. sing. collective). The plural strokes are occasionally used in words ending in *w*, though not plural (§19), ex.  *ḫrdw* "childhood."

Z4 || two strokes, less common var. 

DET. duality, exx.  *ᶜwy* "hands";  *pḫwy* "hind quarters." PHON. *y*, exx.  *ᶜwy·fy* "his hands";  *iꜣbty* "eastern."

Z5 \ diagonal stroke

Substitute in hieratic for signs that were difficult to write. Exx.  *msi* "to give birth" (replacing  B3); *ꜣt* "instant" (replacing  F3).

Z6  hieratic substitute for  A13 and  A14

DET. death, enemy, exx.  *mt* "dead man";  *ḫrwy* "enemy."

Z7  hieroglyphic form of the hieratic abbreviation of G43

PHON. *w*.

Z8 oval

DET. roundness, ex. *šnw* "enclosure."

Z9 ⨯ two stickes crossed

DET. breaking, dividing, exx.  *gmgm* "to crash, smash"; *ḫbi* "to deduct." Also as DET. in many words for no apparent reason, ex.  *wdi* "to put, place." LOGO. ⨯ *ḥsb* "¼"; *ḥsb* "to calculate." PHON. in 1) *sw3* "to pass (by)"; 2) *sḏt* "fire, flame"; 3) *šbn* "mixed." For the phonetic values *ḫbs*, *wp*, and *wr*, students should consult Gardiner, *EG*, p. 538.

Z10 ⨯ O.K. form of Z9

Use as Z9

Z11 ⨯ two joined planks

PHON. *im* in *imy* "which is in." PHON. *wn* (replacing earlier M42 *wn*), exx. *wnm* "to eat";  *wnḏw* "short-horned cattle."

Aa Unclassified Signs

Aa1

PHON. *ḫ*.

Aa2 ○ pustule?

DET. swellings, diseases, odours, excrement, ex.  *šf* "to swell";  *wḫdw* "pain, suffering"; *st(y)* "fragrance"; *ḥs* "excrement."

ABBR. or PHON. in the following words:

- for *wḫdw* "pain."
- for *wtw* "bandages, mummy-wrappings"
- for *ḥsb* "to calculate"; *ḥsb* "fracture (of bone)," etc.
- *wḫ3t* "cauldron"; *wḫ3t* "oasis"
- for *ḫpw* "figures." (from *ḫp* "navel cord")

Aa2 occasionally replaces the following signs:

- W7 in *m3t* "granite"
- M41 in *ʿš* "pine"

PHON. DET. in *g3w* "to be narrow."

Aa3 pustule with liquid emanating from it?

Alternative of Aa2, ex. *sṯi* "fragrance."

Aa5

LOGO. or PHON. *ḥp* in *ḥpwt* "sail"; *ḥpt* "oar"; *Ḥpy* "the god Ḥepy" (one of Horus's 4 sons).

Aa6

DET. in *tmɜ* "mat." PHON. DET. *ṯmɜ*, in *ṯmɜ* "land registry."

Aa7

DET. or PHON. DET. *sqr* in *sqr* "to strike"; *sqr-ᶜnḫ* "captive (of war)."

Aa8

LOGO. or DET. in , var. *ḏɜtt* "estate."
PHON. DET. in *ḏɜḏɜt* "magistracy." PHON. *qn*, ex. *qn* "to be complete."
PHON. or PHON. DET. *sm* in , var. *sm(y)t* "desert."

In hieratic Aa8 may replace the following signs:

- N24 in *spɜt* "district, nome"
- V26 in *ᶜḏnt* "crucible?"

Aa9

DET. in *ḫwd* "rich."

Aa10

DET. in *drf* "writing, script."

Aa11 also vertical: ,

PHON. *mɜᶜ*, exx. *mɜᶜ* "true"; *mɜᶜ-ḫrw* "justified."

Aa12 O.K. form of Aa11

Use as Aa11.

Aa13

PHON. *im*, exx. *imḫt* "netherworld"; *imi* "give!" LOGO. in *gs* "side; ½." PHON. *gs*, ex. *gs* "to anoint."

Aa14 O.K. form of Aa13

Use as Aa13.

Aa15 alternative form of Aa13

Use as Aa13.

Aa16 (shorter than Aa13)

LOGO. ex. , var. *gs* "side; ½." PHON. *gs*, ex. *gs* "to anoint."

Aa17 — LOGO. in *s3* "back." PHON. *s3*, exx. *s3t* "wall"; *s3* "weak."

Aa18 12th–18th Dyn. form of Aa17 — Use as Aa17. In group writing has the value *sa*.

Aa19 (to be distinguished from V19) — PHON. DET. *ḥr*, exx. *ḥr* "to terrify"; *ḥr* "to prepare." DET. in the word *ṯ3r* "to fasten."

Aa20 — PHON. *ꜥpr* exx. *ꜥpr* "to provide"; *ꜥprw* "sailors."

Aa21 — LOGO. or DET. in , var. *wḏꜥ* "to cut; give judgement" and related words.

Aa22 combination of D36 and Aa21 — Use as Aa21.

Aa25 — LOGO. in *sm3* "priest (who clothed the statue of the god)."

Aa26 — PHON. DET. *sbi* in *sbi* "to rebel."

Aa27 — PHON. *nḏ*, exx. , var. *nḏ* "to grind"; *nḏ* "to ask advice." Note that is usually associated with the jug (W24) in M.E.

Aa28 — PHON. *qd*, exx. *qd* "form, nature, character"; *qd* "to sleep." Note that is usually associated with the circle ∘ (N33) or the jug ○ (W24) in M.E.

Aa29 O.K. form of Aa28 — Use as Aa28.

Aa30 ornamental architectural feature — LOGO. or DET. in *ḫkrt* "hairdresser"; *ḫkrw* "panoply, ornaments."

Aa31 O.K. form of Aa30 — Use as last.