

Figure 1: Man and his occupations

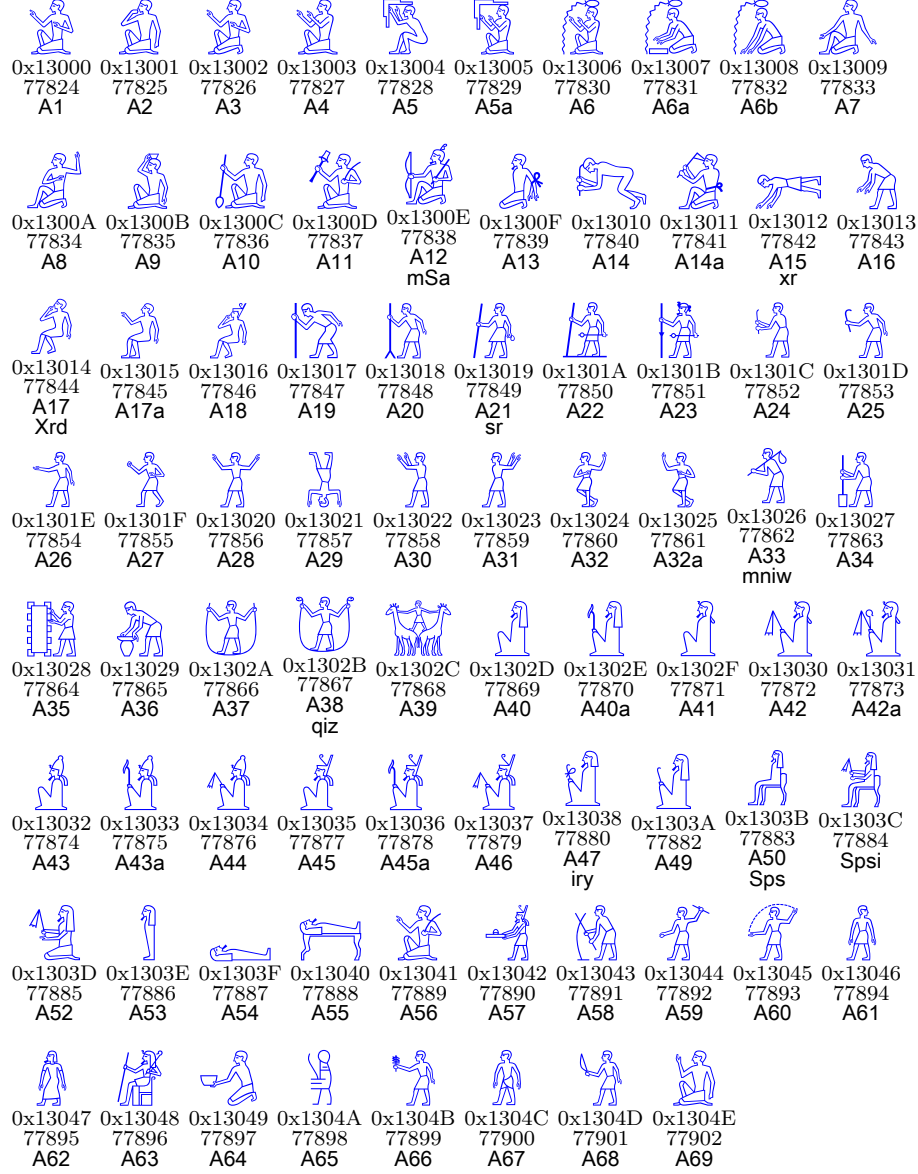


Figure 2: Unclassified

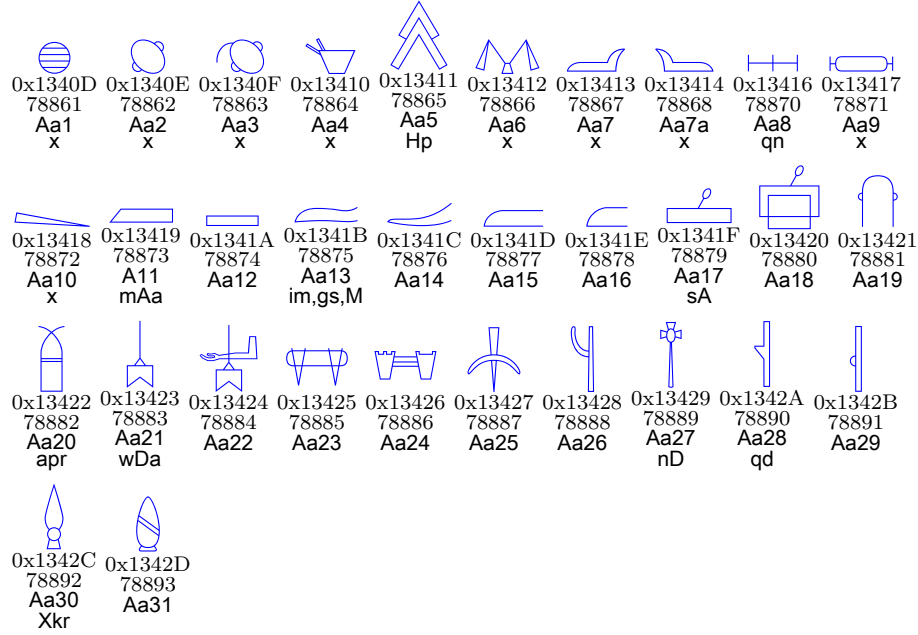


Figure 3: Woman and her occupations

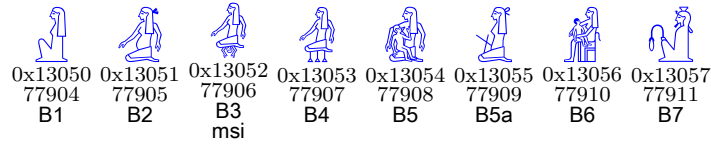


Figure 4: Anthropomorphic Deities

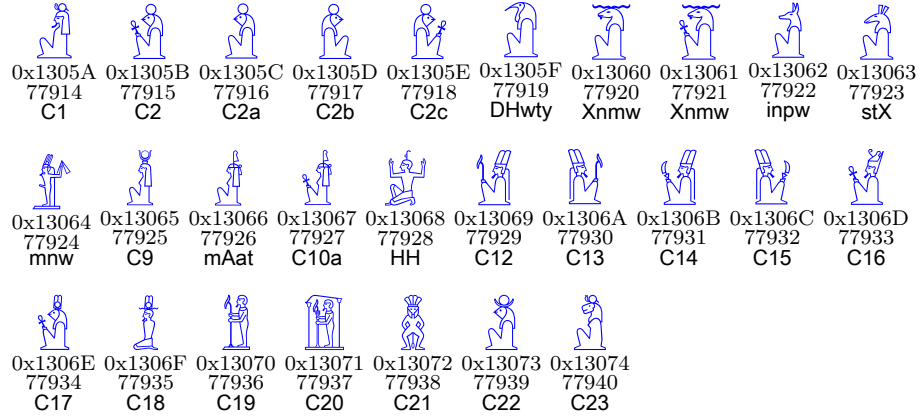


Figure 5: parts of the human body parts

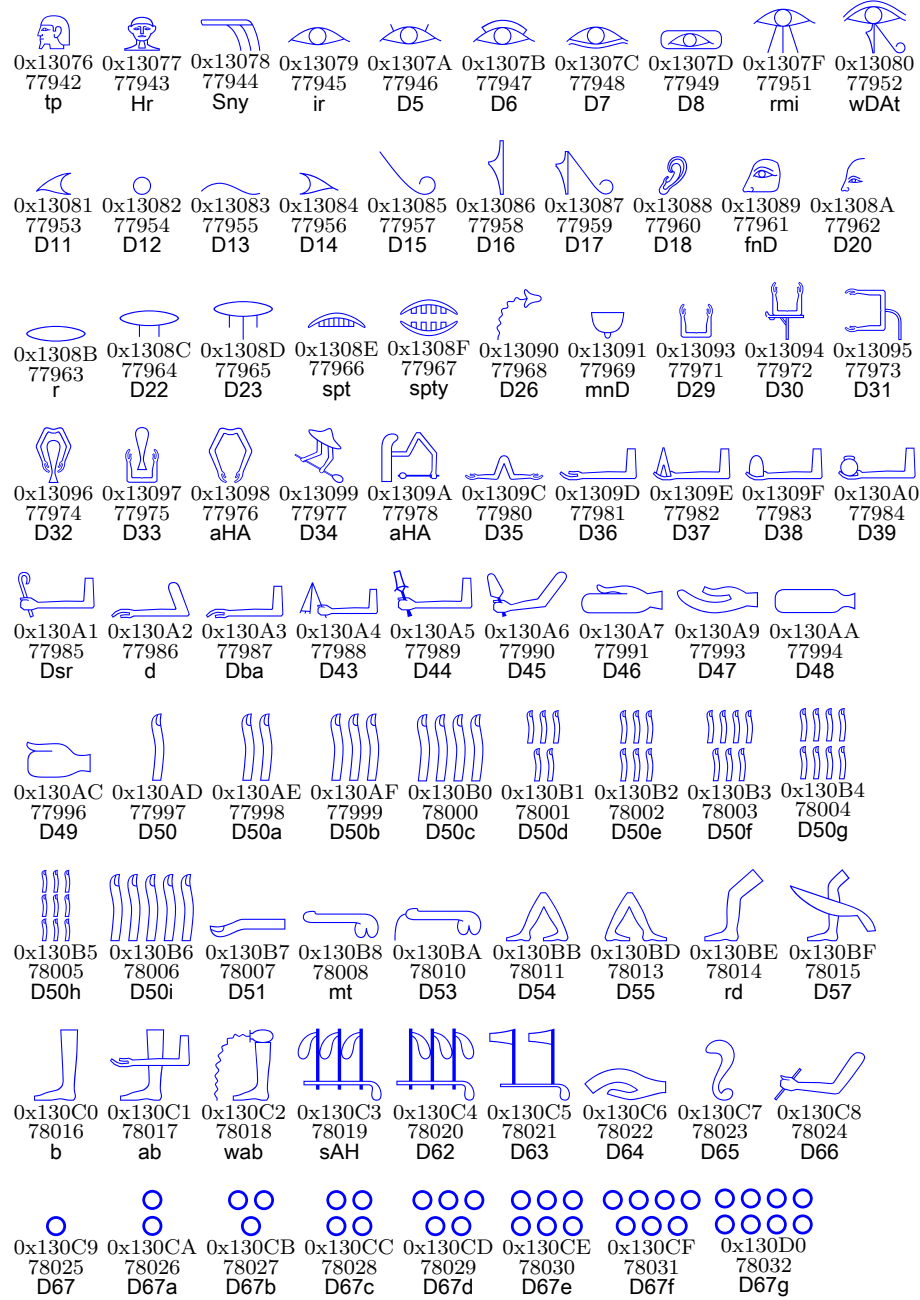


Figure 6: Mammals

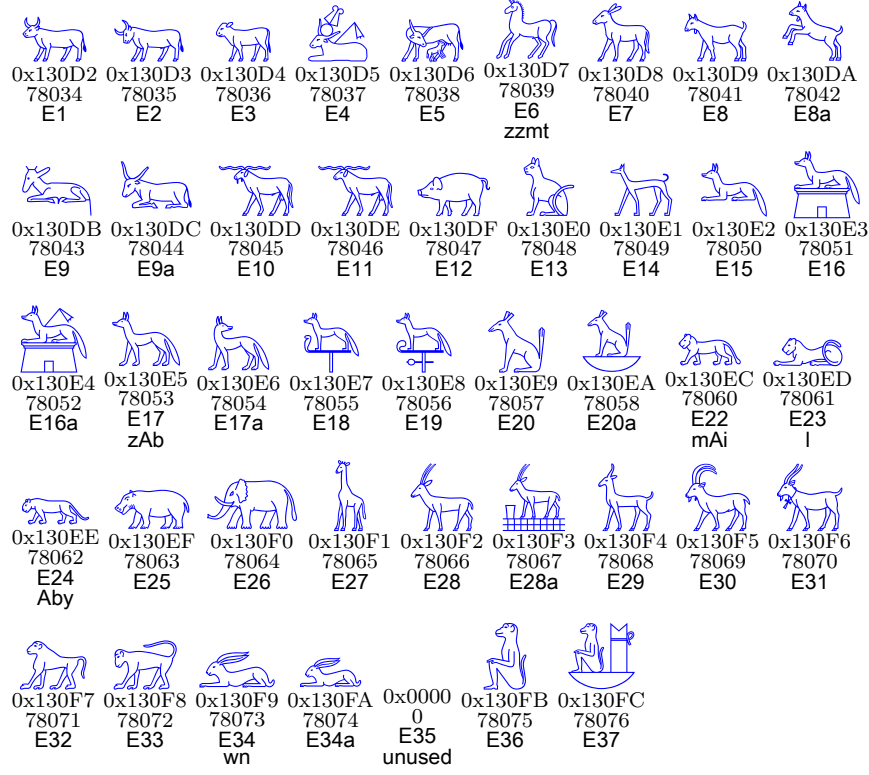
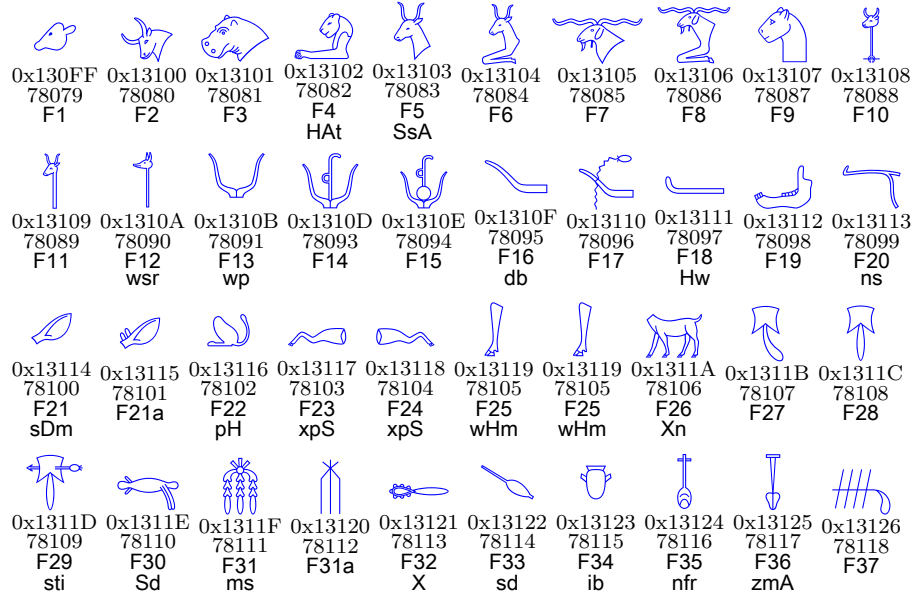


Figure 7: Parts of Mammals



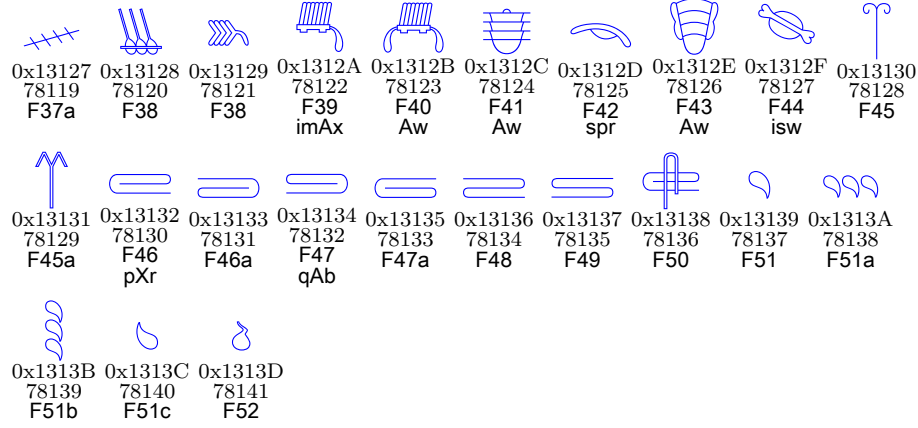


Figure 8: Birds

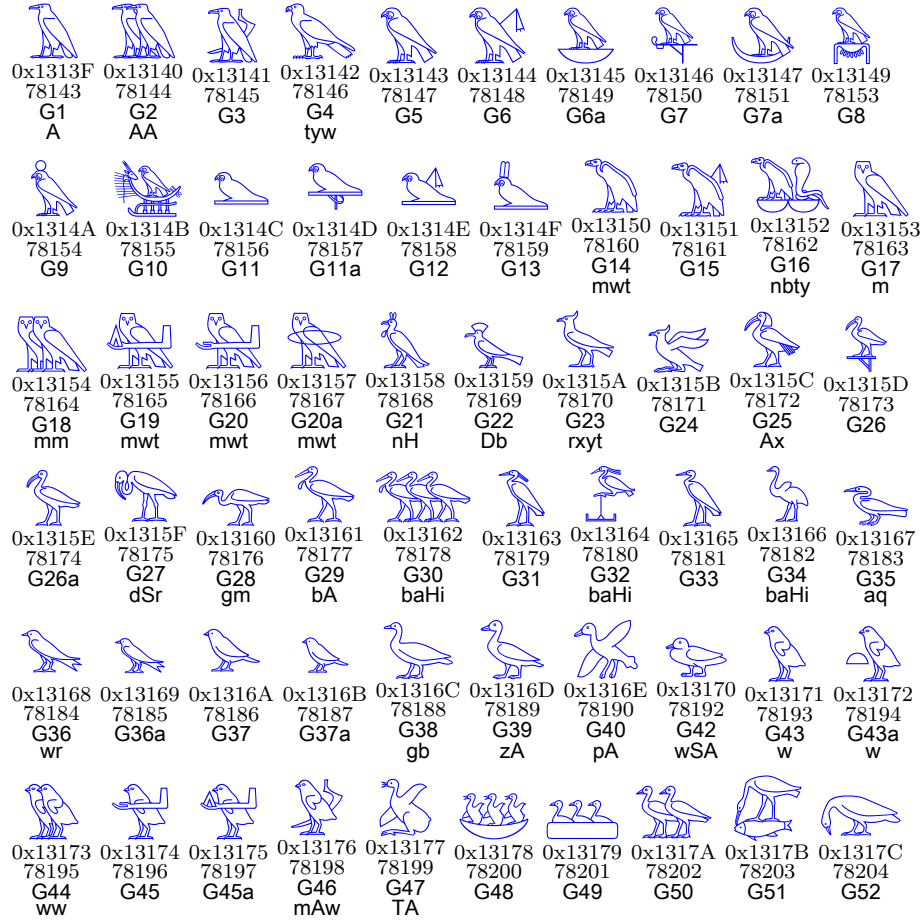




Figure 9: Parts of Birds

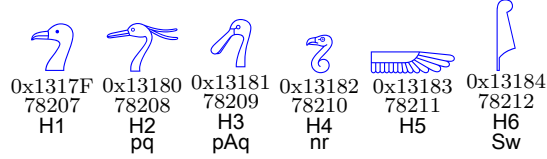


Figure 10: Amphibious Animals, Reptiles etc.

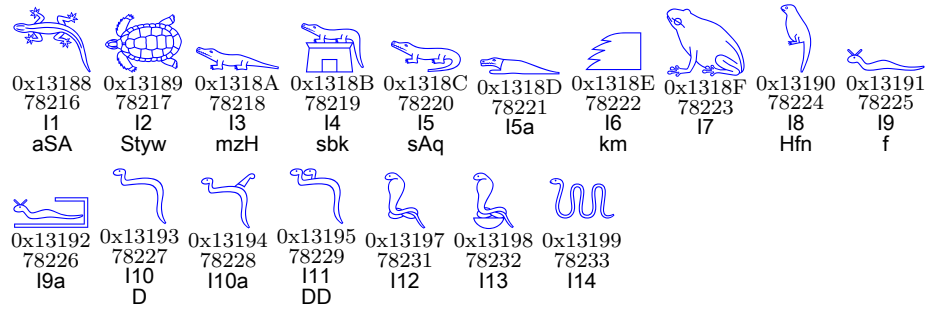


Figure 11: Fish and parts of fish

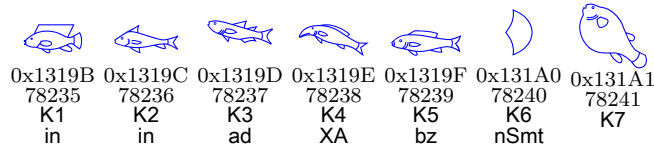


Figure 12: Invertebrates and lesser animals

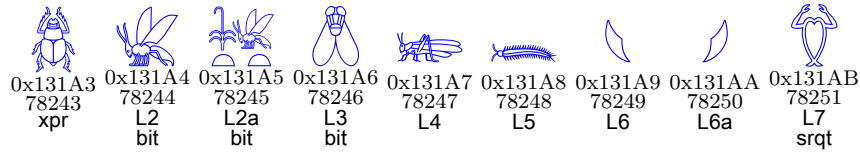
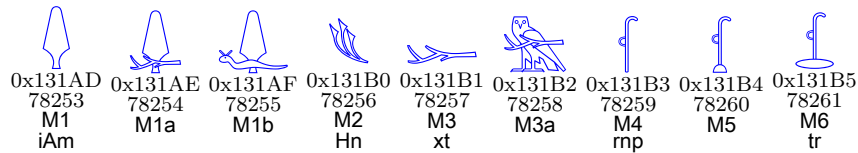


Figure 13: Trees and plants



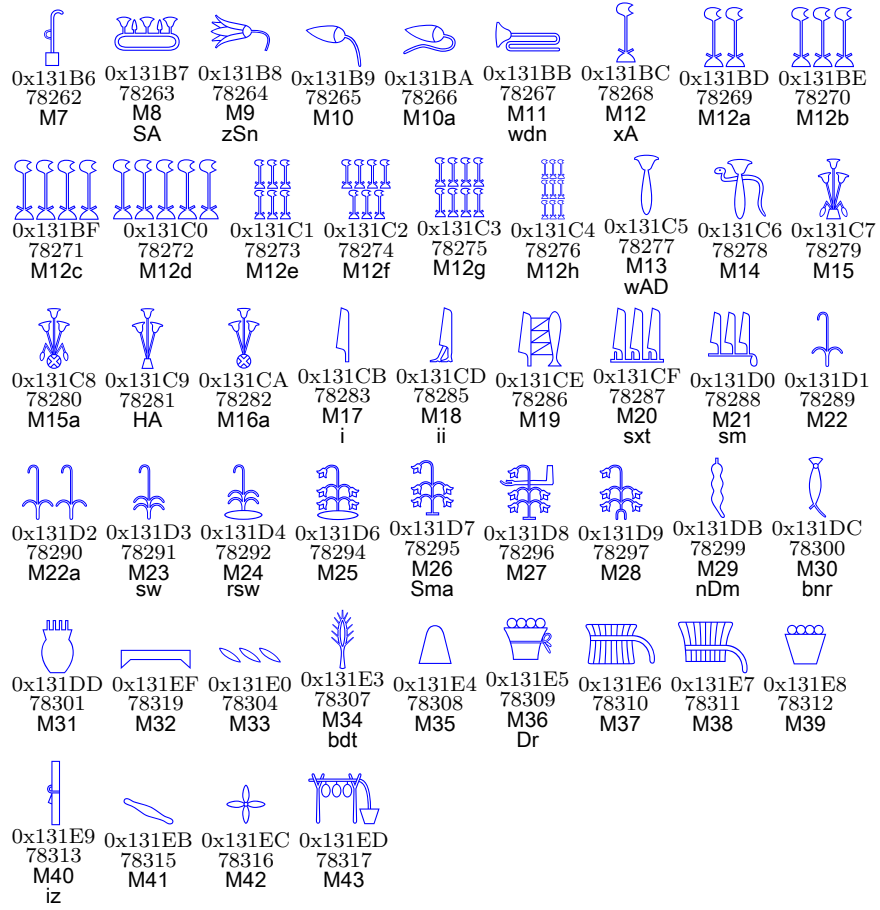
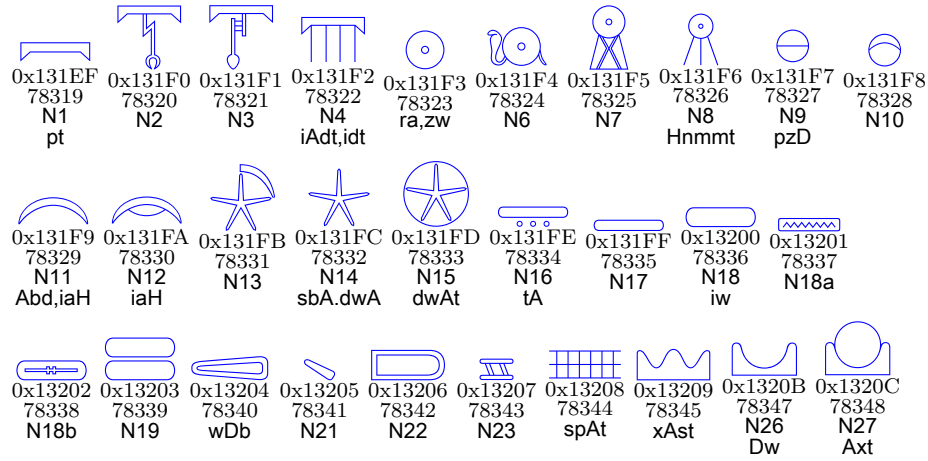


Figure 14: Sky, earth, water



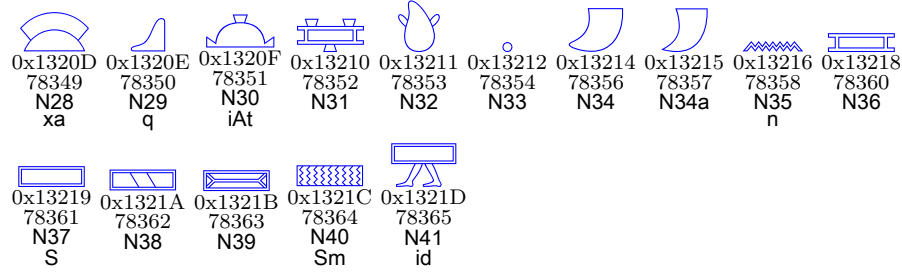
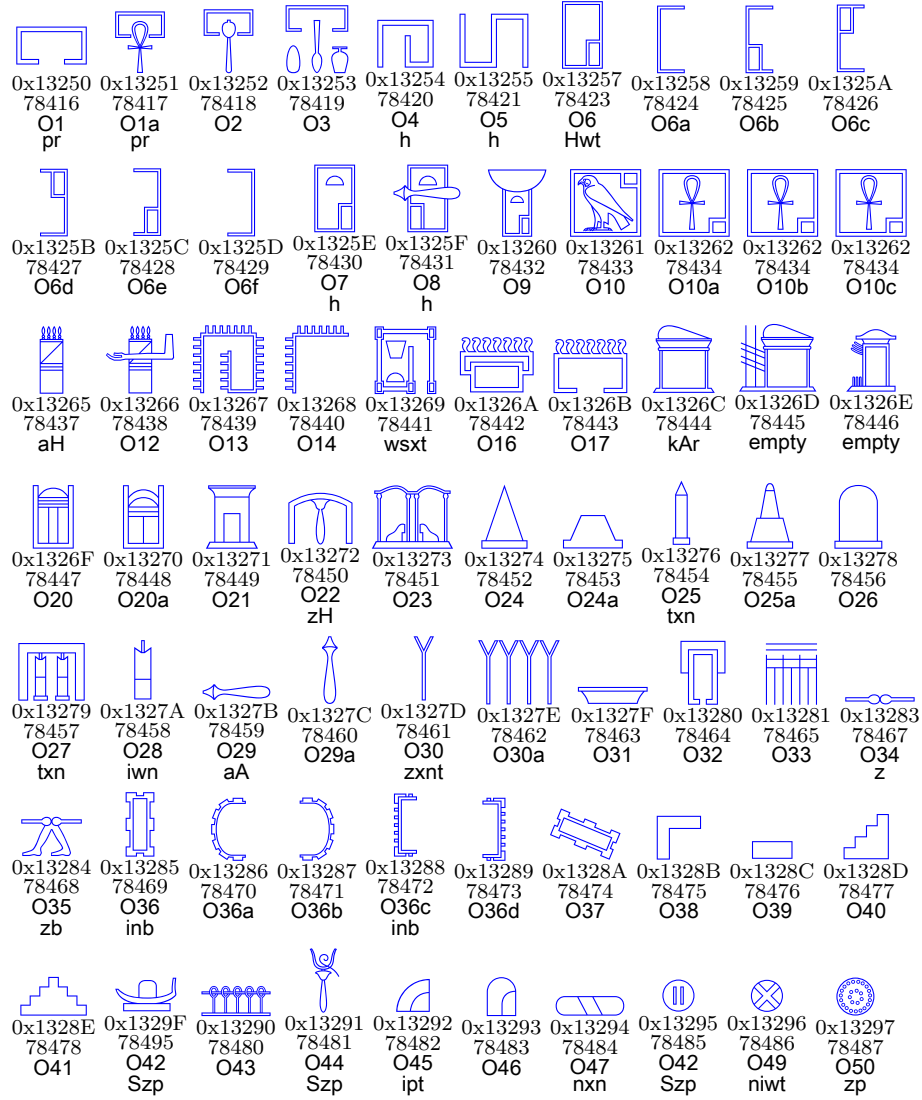


Figure 15: Buildings, parts of buildings



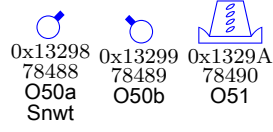


Figure 16: Ships and parts of ships

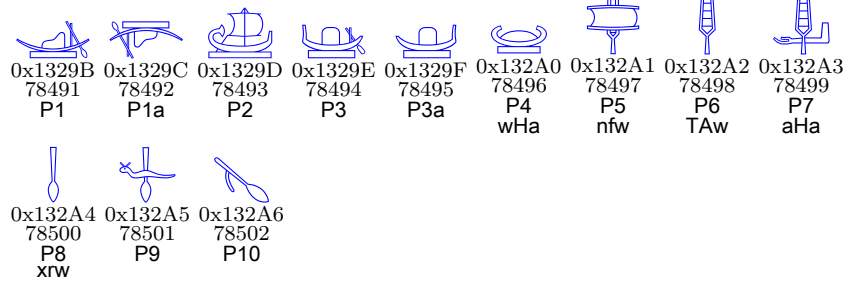


Figure 17: Domestic and funerary furniture

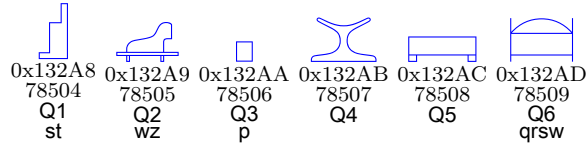


Figure 18: Temple furniture and sacred emblems

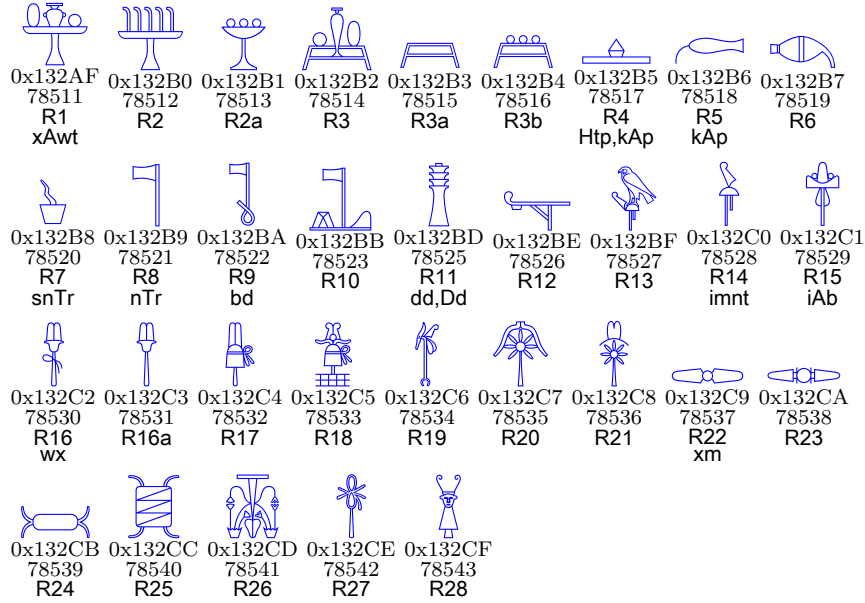


Figure 19: Crowns, dress, staves.

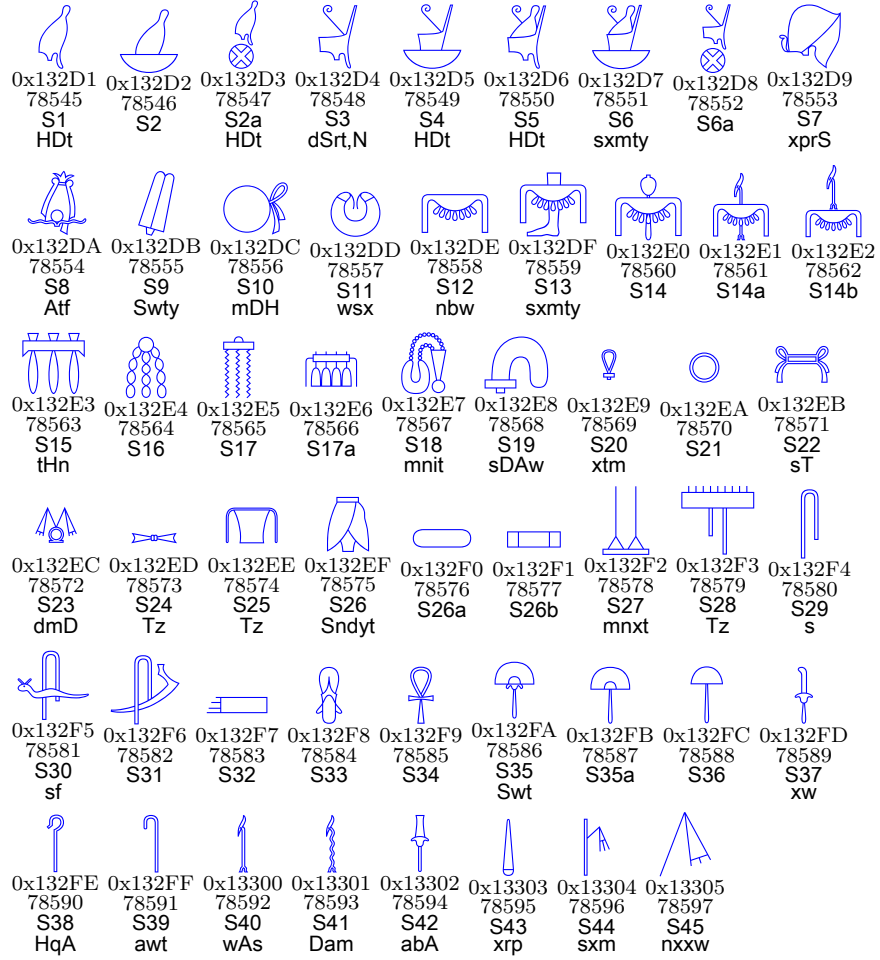
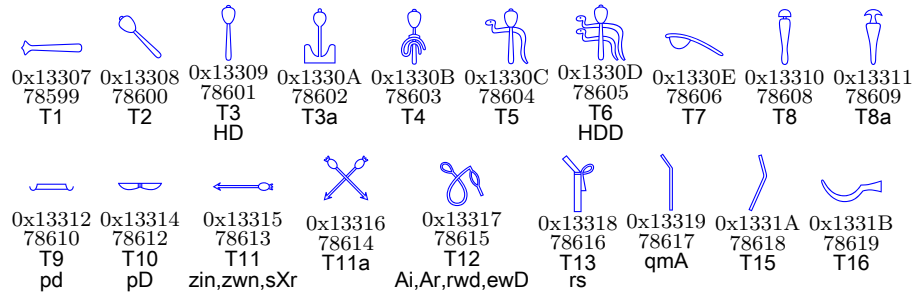


Figure 20: Warfare, hunting, butchery



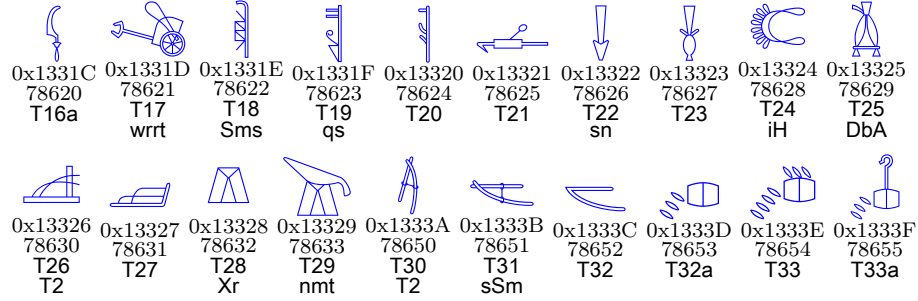


Figure 21: Agriculture, crafts and Professions

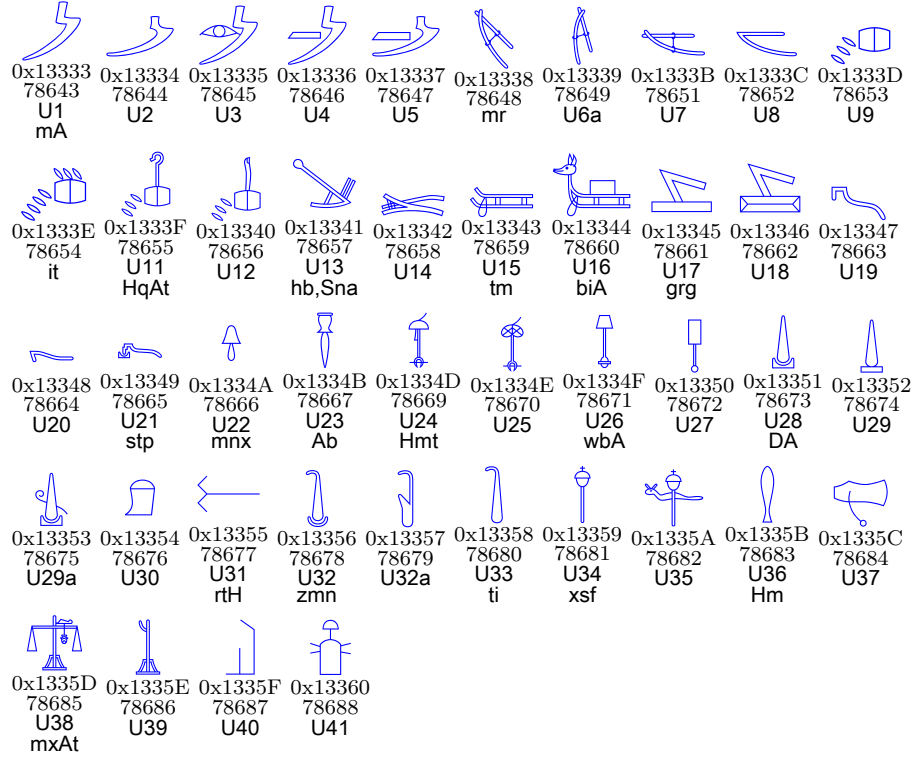
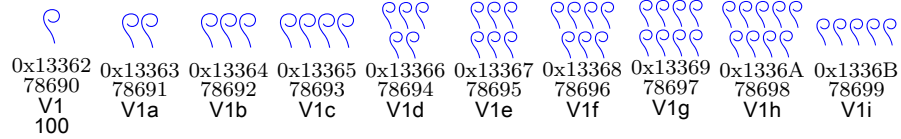


Figure 22: Rope, fiber, baskets, bags



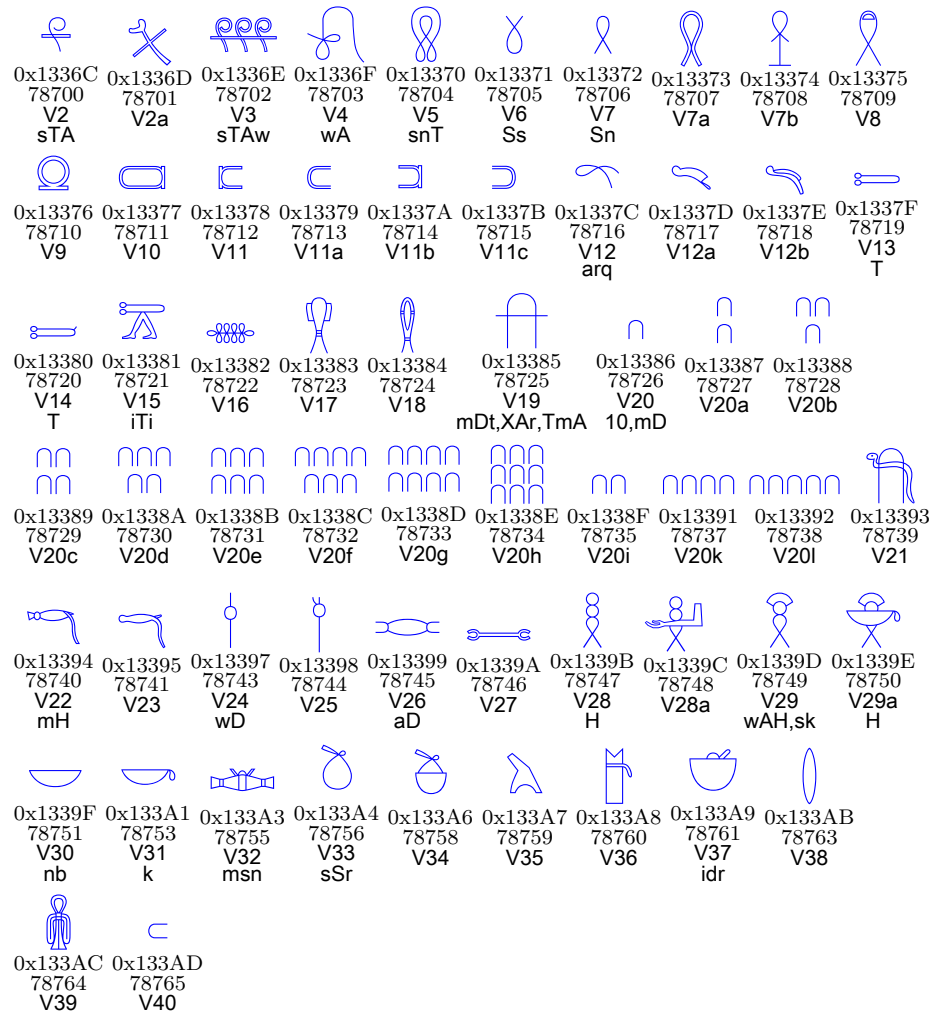
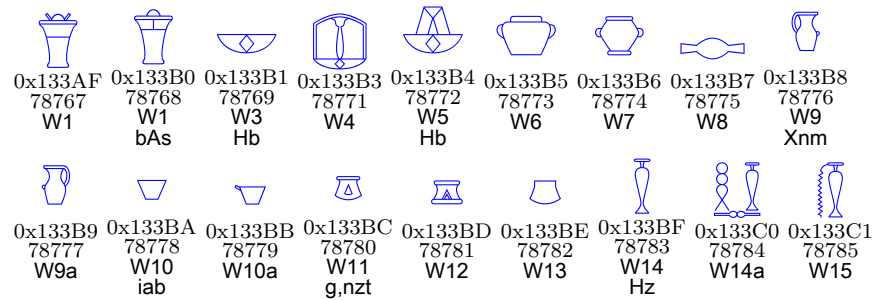


Figure 23: Vessels of stone and earthenware



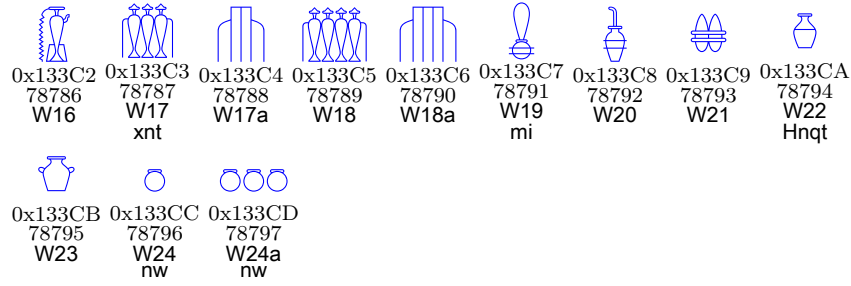


Figure 24: Loaves and cakes

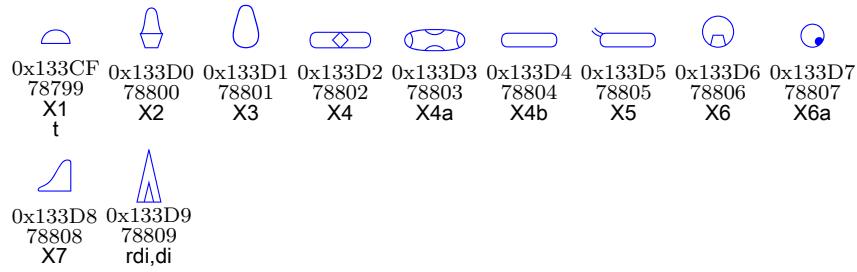


Figure 25: Writing, games, music

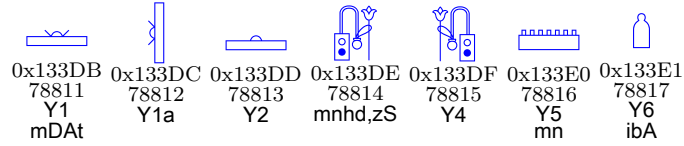
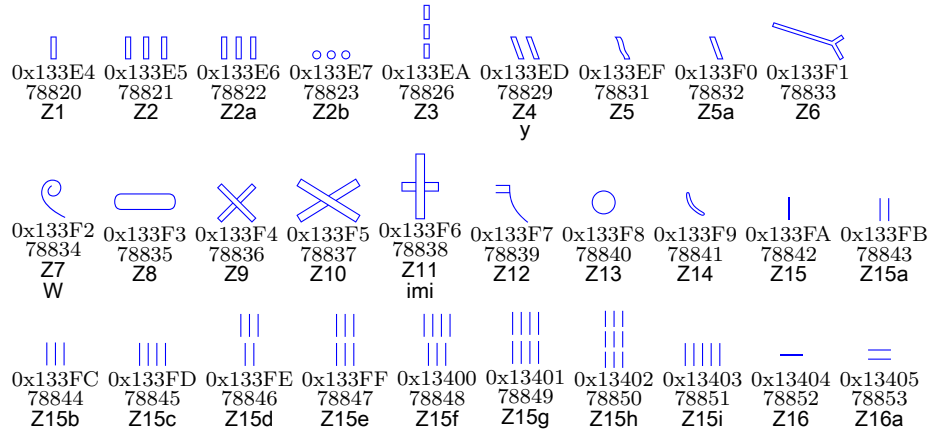
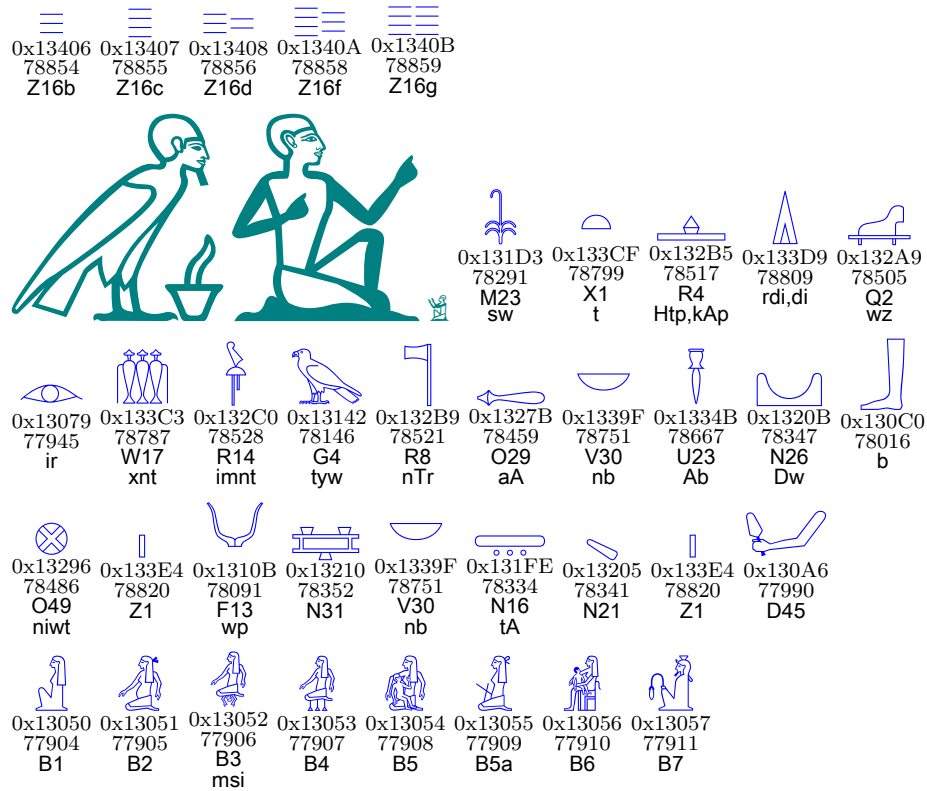
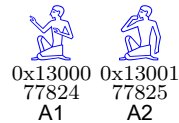


Figure 26: Strokes, signs derived from hieratic, geometrical figures





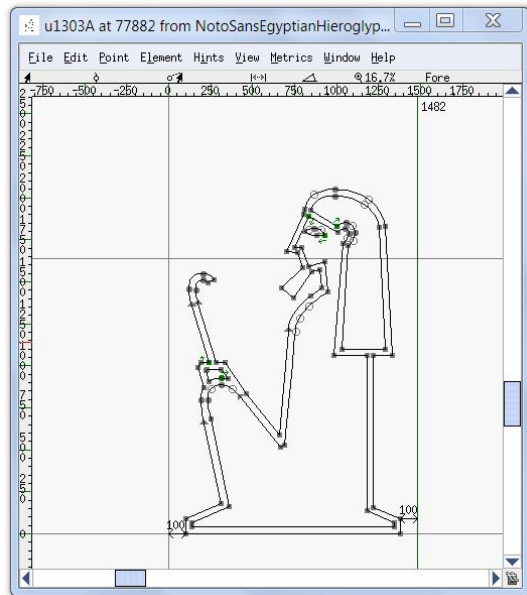
This file just tests the various commands available for manipulating hieroglyphics. We tried to generalize the commands, so they can be re-used for other type of hieroglyphics.



.;C:/Users/kj/AppData/Roaming/MiKTeX/2.9/fonts/opentype//;C:/Users/kj/AppData/Local/MiKTeX/2.9/fonts/opentype//

0 -655.36

We first load the table and convert the info to a Lua table. We use a font provide with an article by Paul called TestLibertine.otf.



glyphs table

ascent number
 glyphmax number
 weight_width_slope_only number
 upos number
 design_size number
 design_range_top number
 units_per_em number
 glyphcnt number
 onlybitmaps number
 creationtime number
 origname string
 sfd_version number
 pfminfo table
 familyname string
 table_version string
 weight string
 modificationtime number
 issarif number
 use_typo_metrics number
 uwidth number
 encodingchanged number
 fontname string
 descent number
 strokedfont number
 os2_version number
 strokewidth number

version string
fullname string
issans number
design_range_bottom number
fontstyle_id number
gpos table
ttf_tables table
cidinfo table
serifcheck number
names table
copyright string
xuid string
italicangle number
map table
head_optimized_for_cleartype number
uni_interp string
extrema_bound number
hasvmetrics number
ascent number
cidinfo table
copyright string
creationtime number
descent number
design_range_bottom number
design_range_top number
design_size number
encodingchanged number
extrema_bound number
familyname string
fontname string
fontstyle_id number
fullname string
glyphcnt number
glyphmax number
glyphs table
gpos table
hasvmetrics number
head_optimized_for_cleartype number
issans number
isserif number
italicangle number
map table
modificationtime number
names table
onlybitmaps number
origname string

os2_version number
 pfminfo table
 serifcheck number
 sfd_version number
 strokedfont number
 strokewidth number
 table_version string
 ttf_tables table
 uni_interp string
 units_per_em number
 upos number
 use_typo_metrics number
 uwidth number
 version string
 weight string
 weight_width_slope_only number
 xuid string
 encmax UnicodeBmp table
 backmax UnicodeBmp table
 enccount UnicodeBmp table
 enc_name UnicodeBmp table
 map UnicodeBmp table
 enc UnicodeBmp table
 backmap UnicodeBmp table
 has_1byte string 0
 has_2byte string 1
 hidden string 1
 low_page string 0
 is_unicodebmp string 1
 char_cnt string 65536
 builtin string 1
 high_page string 0
 char_max string 0
 only_1byte string 0
 enc_name string UnicodeBmp
 Units per em 2048
 version 2.10
 glyph count 251
 design size 0
 0 Digitized data copyright Monotype Typography, Ltd 1999. All rights reserved. Monotype Bodoni® is a trademark of Monotype Typography, Ltd which may be registered in certain jurisdictions.
 34
 uwidth 102
 zz
 unicode numbersign 94 !!!

```

bounding box[1] = 94
bounding box[2] = -45
bounding box[3] = 1276
bounding box[4] = 1372
94 -45 1276 1372
boundingbox numbersign 94 !!!
bounding box[1] = 94
bounding box[2] = -45
bounding box[3] = 1276
bounding box[4] = 1372
zz
width numbersign 94 !!!
bounding box[1] = 94
bounding box[2] = -45
bounding box[3] = 1276
bounding box[4] = 1372
numbersign zz
name numbersign 94 !!!
bounding box[1] = 94
bounding box[2] = -45
bounding box[3] = 1276
bounding box[4] = 1372
unicode = 119
boundingbox = {
  1 = 41
  2 = -25
  3 = 1411
  4 = 786
}
width = 1450
name = w
kerns = {
  1 = {
    off = 0
    char = odieresis
    lookup = pp_latn_l_0_s
  }
  2 = {
    off = 0
    char = aring
    lookup = pp_latn_l_0_s
  }
  3 = {
    off = 0
    char = adieresis
    lookup = pp_latn_l_0_s
  }
}

```

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}
4 = {
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    char = q
    lookup = pp_latn_l_0_s
}
5 = {
    off = 0
    char = o
    lookup = pp_latn_l_0_s
}
6 = {
    off = -20
    char = h
    lookup = pp_latn_l_0_s
}
7 = {
    off = 0
    char = e
    lookup = pp_latn_l_0_s
}
8 = {
    off = -20
    char = d
    lookup = pp_latn_l_0_s
}
9 = {
    off = 0
    char = c
    lookup = pp_latn_l_0_s
}
10 = {
    off = 0
    char = a
    lookup = pp_latn_l_0_s
}
11 = {
    off = -264
    char = period
    lookup = pp_latn_l_0_s
}
12 = {
    off = -248
    char = comma
    lookup = pp_latn_l_0_s
}

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}