1. Introduction. Anatolian Hieroglyphs were first thought to have been used for the Hittite language, because they first appeared on personal seals from Hattusha, the capital of the Hittite Empire. While Hittites did make use of the characters on seals, the characters were used as text primarily for the related language Luwian; a few glosses in Urartian and some divine names in Hurrian are known to be written in Anatolian Hieroglyphs. Most of the texts are monumental stone inscriptions, though some letters and accounting documents have been preserved inscribed on strips of lead.

2. Structure. Anatolian Hieroglyphs have both syllabic and logographic components. Words may be represented entirely with logographs (in particular at the earlier period), or with phonetic complements along with the logogram in a variety of configurations. For the word *wawıs* ‘cow’ for instance, the following spellings occur:

\[
\begin{align*}
\text{BOS} & \quad \text{wa}/i-\text{wa}/i-\text{sa} \\
\text{BOS-wa}/i-\text{sa} & \quad (\text{BOS})\text{wa}/i-\text{wa}/i-\text{sa}
\end{align*}
\]

Characters may be written left-to-right or right-to-left, and longer texts are often boustrophedon; as with Egyptian, one reads a line into the faces of the people and animals. Lines are divided from one another by horizontal rules. Within a line, characters are written in vertical columns, though for aesthetic reasons they may be placed out of phonetic or logical order. For modern lexicographical use it is anticipated that straightforward linear left-to-right placement of characters will find the most favour for its practicality.
3. Punctuation and spacing. In some texts, word division is indicated with the use of U+12622 § ANATOLIAN HIEROGLYPH 1386 MAN2 or its variant U+12623 ¶ ANATOLIAN HIEROGLYPH 1386A MAN2A. To mark logograms, the characters U+1263B ¶ ANATOLIAN HIEROGLYPH 410 BEGIN LOGOGRAM MARK and U+1263C ¶ ANATOLIAN HIEROGLYPH 410A END LOGOGRAM MARK are optionally used, flanking the logogram as in §ē ‘wood’; see Figure 2. The characters U+12664 ∑ ANATOLIAN HIEROGLYPH K450 A and U+12564 ∏ ANATOLIAN HIEROGLYPH D209 I are sometimes used to indicate the end of a word. Often when hieroglyphs are written, the practice is to try to reproduce the layout of the original text, rather than to write text out in modern sentences. However, in such cases, U+200B ZERO-WIDTH SPACE and/or U+0020 SPACE may be used as needed. One combining character is used, namely, U+1261F ˇπ ANATOLIAN HIEROGLYPH J383 COMBINING RA OR RI which can attach fairly productively to Anatolian characters.

4. Repertoire. Through the course of the history of the decipherment of Anatolian Hieroglyphs, a standardized catalogue of letters has been drawn up; the “Laroche set” of numbers 1-497 from Laroche 1960 form the basis for the repertoire, supplemented by additions 501-524 from Hawkins and Çambel 2000. The encoding proposed here is based on this standardized catalogue, despite the fact that several of the characters are now considered to be variants of each other. ñ 183 is now known to be a variant of â 423 which has a reading ku; ñ 352, Ö 353, Ü 354, and á 519 are all variants of É 345 PITCHER. Although this might seem to be “character duplication”, really it is not. The encoding of these characters will enable not only the representation of text in the Luwian language, but also the representation of the long history of Anatolian studies, where the catalogue entities have been distinguished in discussions of the decipherment. Scholars wishing to publish normalized texts might avoid the use of the “redundant” letters, or might choose to use them as indicative of the temporal or geographical provenance of a text. But documents relating to the decipherment itself distinguish them regularly, and that distinction must be maintained. The names list contains cross references from variants to the main character in each instance. This is considered vital information by specialists.

5. Character names. The character names for Anatolian hieroglyphs are somewhat complex. A single coherent set of character names does not exist, but it has been possible to devise one in working out this proposal.

5.1 The name of the script. As suggested in the introduction above, the names “Anatolian Hieroglyphs”, “Luwian Hieroglyphs”, and “Luvian Hieroglyphs” might be applied to this script; the name “Hittite Hieroglyphs” is a misnomer, and “Hieroglyphic Luwian” refers to a variety of the Luwian language (as opposed to “Cuneiform Luwian”). Since the script is used for languages other than Luwian, and since that language may be spelled “Luwian” or “Luvian”, specialists have suggested that the name “Anatolian Hieroglyphs” is the best choice.

5.2 The use of catalogue numbers. Catalogue numbers were assigned by Meriggi and Güterbock but these were superseded by the numbers 1 to 497 which Laroche assigned and published in 1960 in Les hiéroglyphs hittites. The Laroche numbers have been taken as standard by subsequent researchers; Hawkins and Çambel 2000 augment this list with their numbers 501 to 524. In a number of instances, Laroche lists variants within a given catalogue number, thus: Laroche 457 (1) is distinguished from Laroche 457 (2). The naming convention followed here for this is similar to that used by Egyptologists for Egyptian characters: the first is Laroche 457, the second Laroche 457A. (Not all of the variants listed in Laroche 1960 are distinguished in this way; Laroche 460 (1) and 460 (2) are simply glyph variants and only a single 460 is proposed for encoding.)

5.3 The use of prefixes with the catalogue numbers. As with the Linear B catalogue numbers, the Laroche entities are typically given simply as numbers. UCS naming conventions, however, require that
name elements begin with a letter, not a digit. In the case of Linear B, the letter B was prefixed to each of the catalogue names. For Anatolian Hieroglyphs, it would be possible to prefix A or L to each of the catalogue names. But it would be far more useful to use a range of letters to correspond to the classification Anatolians make of the characters. Alan Gardiner broke the different Egyptian Hieroglyphs into 26 categories, which he labelled with different letters of the alphabet (A, B, C … Y, Z, AA, omitting J). Similarly, Laroche broke the different Anatolian Hieroglyphs into 10 categories which he labelled with Roman numerals. The naming convention here assigns letters to the Roman numerals:

I. Corps humain, vêtements → Axxx “The human body and clothing”
II. Animaux → Bxxx “Animals”
III. Végétaux → Cxxx “Plants”
IV. La nature → Dxxx “Nature”
V. Bâtiments → Exxx “Buildings”
VI. Armes, outils, meubles, instruments divers → Fxxx “Arms, tools, furniture, and other instruments”
VII. Vases, récipients → Gxxx “Vases and receptacles”
VIII. Symboles → Hxxx “Symbols”
IX. Traits, numéraux, formes géométriques → Jxxx “Lines, numbers, and geometric shapes”
X. Varia → Kxxx “Varia”
Hawkins’ “Additional Signs” → Mxxx “Additional Signs”.

Since no letters were traditionally assigned to these categories, the letters I and L were not used because they may be ambiguous depending on typeface and case. (As noted above, Gardiner eschewed the letter J when he assigned letters to the Egyptian classes, probably because the letter did not exist in Latin.) Because some of the characters were originally placed into classifications to which they don’t belong, it is possible now to use the lettering convention to make the relation of main sign and variant sign clearer; so 519 mentioned above is named G519 because it belongs in “Vases and receptacles” along with the other pitchers, not M519 though most of the characters in 501-524 are M. Because the catalogue numbers are serial, users will also be able to determine the original group.

5.4 The use of names alongside the catalogue numbers. Like some of the Linear B characters, a number of Anatolian characters have either phonetic readings or determinative names which are given alongside the catalogue numbers as part of the character name. The determinative names are now often given in Latin, but were formerly given in French, English, or other languages. As with Linear B, English names are preferred here in the character names to aid translators of the standard (which is why Latin names were not retained in the Linear B character names). There are other reasons for not keeping the character names in Latin:

• characters often have more than one Latin name: A046 PRINCE is both rex.infans and rex.filius
• the Latin names are often quite ungrammatical: A046B GREAT DAUGHTER is magnus.filia
• the Latin names use punctuation like full stops and plus signs, not permitted in UCS names.

5.5 The use of explanatory notes in the names list. Although the traditional Latin names are rendered in English in the character names, the Latin names are known to scholars, and in particular those names with full stops and plus signs where those punctuation marks are significant for identification. The full stop indicates a group in which the elements are separate (as in bos.mi) and the plus sign indicates that the elements form a graphic unit (as in bos+mi). Accordingly, informative notes in the names list present the Latin originals. In addition, characters may have one or more phonetic readings, so the readings are also presented in the notes. Finally, a full set of cross references are given, so that users of the standard can know which characters are variants.
5.6 Issues with Latin names and phonetic readings in the names list. Drafts of this preliminary proposal have received criticism regarding the annotations. It is true that there are many of them. It is also true that Linear B does not contain annotations including Latin names or phonetic readings. While Anatolian Hieroglyphs is a more complex script than Linear B, it may be appropriate not to include them in the names list.

5.6 Issues with cross-references in the names list. The cross references have also been criticized, but these, however, call for different treatment. The present list contains two kinds of cross references. First there is the true cross reference of variant to main character, such as U+12483 ANATOLIAN HIEROGLYPH D004 MOUNTAIN > U+12561 ANATOLIAN HIEROGLYPH D207 MOUNTAIN. This kind of annotation provides vital information to the user of the names list, guidance as to the proper character to used for a normalized text. The other kind of cross reference is simply informative, such as U+124B8 ANATOLIAN HIEROGLYPH A052 HAND KNIFE > U+125EE ANATOLIAN HIEROGLYPH G338 KNIFE, where the reference guides the user to the character forming a part of this compound. It could be helpful to users if both kinds of cross references appear in the names list, but the former kind is more essential information than the latter.

6. Numbers. Further research needs to be done to ensure that a sufficient quantity of Anatolian numbers are encoded to be practical in use. At present numbers for 1, 2, 3, 4, 5, 8, 9, 10, 100, and 1000.

7. Text processing. For non-linear display of Anatolian Hieroglyphs, the conventions of the Egyptological Manual de codage should be sufficient, and indeed it appears that software which can support Egyptian Hieroglyph rendering can also support Anatolian.

8. Future expansion. The majority of the attested Anatolian Hieroglyphic characters are proposed in this document. It is certainly possible that new characters will come to light, and can be added in due course. Thirty-five unassigned code positions are allocated at the end of the block against such additions.

Unicode Character Properties

![Unicode Character Properties](image)

Bibliography


Marazzi, Massimiliano, Natalia Bolatti-Guzzo, & Paola Dardano. 1998. *Il geroglifico Anatolico: sviluppi della ricerca a venti anni dalla sua “ridecifrazione”*. Atti del Colloquio e della tavola rotonda Napoli-


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Figures

Figure 1. Sample of Luwian text from Payne 2004. Set as a sentence in a modern font it reads: ©™´  ¨  ≠  Æ´  ÆâØ  •≠  ∞  ±. Set as in the inscription it reads: ≤¨≠≥¥ºΩæø.

Figure 2. Sample of Luwian text from Payne 2004, showing the logogram marks in two different configurations: µ ‘chisel’, ∂ ‘hammer’.
**Figure 3.** Sample of a sign list from Payne 2004, showing the complex suite of identifiers commonly used by Anatolianists to transliterate and transcribe Anatolian Hieroglyphs.

<table>
<thead>
<tr>
<th>Sign List</th>
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| *102      | CERVUS / a) CERVUS,  
b) CERVUS$_2$;  
rú |
| *103      | CERVUS$_2$ / CERVUS$_3$;  
rú |
| *104      | GAZELLA / a) CAPRA,  
b) CAPRA$_2$, c) CAPRA$_{2A}$;  
sù |
| *105      | BOS / a) BOS b) BOS$_2$;  
u |
| *106      | -- |
| *107 (*167) | a) BOS+MI, b) BOS.MI,  
c) BOS$_2$.MI;  
mu |
| *108      | CORNU; sù |
| *109      | VITELLUS (MA$_x$ in MA$_x$-  
LI$_z$.zi, ‘Malatya’) |
| *110      | ma |
| *111 (*518?) | a) OVIS,  
b) OVIS$_2$ (=*518?) |
Figure 4. Sample from the sign list from Herbordt 2005, showing the readings “BOS”, “(m)u(wa)”, and “u” for B105 ox; “BOS2”, “(m)u(wa)”, and “u” for B105A ox2, and “BOS+MI”, “(m)u(wa)”, and “mu” for B107 ox plus MI.

mu (L. 107)

Occurrences. BOS: Kat. 18 (Anani-), 143 (i(a) ... mi), 146 (i(a) ... mi), 147 (i(a) ... mi), 148 (i(a) ... mi/mi), 149 (i(a) ... mi), 193 (EXERCITUS), 244 (Mizri-), 245 (Mizri-), 246 (Mizri-), 255 (-wa-ia-d), 267 (-it), 268 (-iti), 269 (-iti), 270 (-iti), 273 (-zi-a-rantiya), 276 (-zi/a-rantiya), 301 (Pibah-), 342 (Pa-), 365 (Saikka-), 366 (Saikka-), 367 (Saikka-), 369 (Saikka-), 370 (Saikka-), 416 (TONITRUS-), 417 (TONITRUS-), 460 (SOL-), 499(?). BOS+MI: Kat. 195 (-ti-iti), 264 (-iti), 265 (-iti).

mi internal (+MI) or external (.MI); also, since mu properly consists of u + mi, if mi is omitted, as frequently, mu becomes indistinguishable from u (i.e. some of the forms BOS/BOS, cursive).

Reading. Long recognized, though the variants caused problems, confirmed by digraphs, Ras Shamra Hier. mu (cursive + MI) = Con. mu-mu (Saikka-nuwa); Meskene (Ma'dri-Te'ku); Nipatepe Kat. 248 = Sbo II no. 81, cf. 80 (Mizri-nuwa).

Usage. Syllabographic mu straightforward (e.g. Kat. 11), but mu final usually represents mu(mu) (Kat. 18, 27-28, 141-143 and 145-149, 192-193, 204, 234, 240, 242-249, 259-262, 305, 365-372, 415-417, 454-455, 460); initial mu is also often mu(mu) (Kat. 260-271, 272-273). Note the writing mu-wa/-ia for Mmu (Kat. 253-259). Uncertain: Le-mu (Kat. 201-202); pu-(m)u (Kat. 339-342); tu-mu (Kat. 466).

Figure 5. Discussion of the reading of “mu” from Herbordt 2005.
A. Administrative

1. Title
Preliminary proposal to encode Anatolian Hieroglyphs in the SMP of the UCS

2. Requester's name
UC Berkeley Script Encoding Initiative (Universal Scripts Project); author: Michael Everson

3. Requester type (Member body/Liaison/Individual contribution)
Liaison contribution.

4. Submission date
2006-09-20

5. Requester's reference (if applicable)

6. Choose one of the following:
6a. This is a complete proposal
No.

6b. More information will be provided later
Yes.

B. Technical – General

1. Choose one of the following:
1a. This proposal is for a new script (set of characters)
Yes

1b. Proposed name of script
Anatolian Hieroglyphs.

1c. The proposal is for addition of character(s) to an existing block
No.

1d. Name of the existing block

2. Number of characters in proposal
557.

3. Proposed category (A-Contemporary; B.1-Specialized (small collection); B.2-Specialized (large collection);
C-Major extinct; D-Attested extinct; E-Minor extinct; F-Archaic Hieroglyphic or Ideographic; G-Obscure or
questionable usage symbols)
Category F.

4a. Proposed Level of Implementation (1, 2 or 3)
Level 3

4b. Is a rationale provided for the choice?
Yes.

4c. If YES, reference
One combining character is proposed.

5a. Is a repertoire including character names provided?
Yes.

5b. If YES, are the names in accordance with the "character naming guidelines" in Annex L of P&P document?
Yes.

5c. Are the character shapes attached in a legible form suitable for review?
Yes.

6a. Who will provide the appropriate computerized font (ordered preference: True Type, or PostScript format) for
publishing the standard?
Michael Everson. Some of the glyphs used in the charts in this proposal were designed by Gunter Anders, http://www.hethport.uni-wuerzburg.de/

6b. If available now, identify source(s) for the font (include address, e-mail, ftp-site, etc.) and indicate the
tools used:
Michael Everson, Fontographer.

7a. Are references (to other character sets, dictionaries, descriptive texts etc.) provided?
Yes, see bibliography above.

7b. Are published examples of use (such as samples from newspapers, magazines, or other sources) of proposed
characters attached?
Yes.

8. Does the proposal address other aspects of character data processing (if applicable) such as input,
presentation, sorting, searching, indexing, transliteration etc. (if yes please enclose information)?
Yes, see above.

9. Submitters are invited to provide any additional information about Properties of the proposed Character(s) or
Script that will assist in correct understanding of and correct linguistic processing of the proposed character(s)
or script. Examples of such properties are: Casing information, Numeric information, Currency information,
Display behaviour information such as line breaks, widths etc., Combining behaviour, Spacing behaviour,
Directional behaviour, Default Collation behaviour, relevance in Mark Up contexts, Compatibility equivalence
and other Unicode normalization related information. See the Unicode standard at http://www.unicode.org for
such information on other scripts. Also see Unicode Character Database http://www.unicode.org/Public/UNIDATA/UnicodeCharacterDatabase.html and associated Unicode Technical
Reports for information needed for consideration by the Unicode Technical Committee for inclusion in the
Unicode Standard.

Yes, see Unicode properties above.
C. Technical – Justification

1. Has this proposal for addition of character(s) been submitted before? If YES, explain.
   No.
2a. Has contact been made to members of the user community (for example: National Body, user groups of the script or characters, other experts, etc.)?
   Yes.
2b. If YES, with whom?
   Anna Murpurgo Davies, Craig Melchert.
3c. If YES, available relevant documents
   Indo-Europeanists researching Anatolian languages using this script.
4a. The context of use for the proposed characters (type of use; common or rare)
   Anatolian scripts are fairly rare as these things go.
4b. Reference
5a. Are the proposed characters in current use by the user community?
   Yes.
5b. If YES, where?
   By scholars worldwide.
6a. After giving due considerations to the principles in the P&P document must the proposed characters be entirely in the BMP?
   No.
6b. If YES, is a rationale provided?
   Yes.
6c. If YES, reference
7. Should the proposed characters be kept together in a contiguous range (rather than being scattered)?
   Yes.
8a. Can any of the proposed characters be considered a presentation form of an existing character or character sequence?
   No.
8b. If YES, is a rationale for its inclusion provided?
   Yes.
8c. If YES, reference
9a. Can any of the proposed characters be encoded using a composed character sequence of either existing characters or other proposed characters?
   No.
9b. If YES, is a rationale for its inclusion provided?
   Yes.
9c. If YES, reference
10a. Can any of the proposed character(s) be considered to be similar (in appearance or function) to an existing character?
   No.
10b. If YES, is a rationale for its inclusion provided?
   Yes.
10c. If YES, reference
11a. Does the proposal include use of combining characters and/or use of composite sequences (see clauses 4.12 and 4.14 in ISO/IEC 10646-1: 2000)?
   Yes.
11b. If YES, is a rationale for such use provided?
   Yes.
11c. If YES, reference
   See above.
11d. Is a list of composite sequences and their corresponding glyph images (graphic symbols) provided?
   No.
11e. If YES, reference
12a. Does the proposal contain characters with any special properties such as control function or similar semantics?
   No.
12b. If YES, describe in detail (include attachment if necessary)
13a. Does the proposal contain any Ideographic compatibility character(s)?
   No.
13b. If YES, is the equivalent corresponding unified ideographic character(s) identified?
### Anatolian Hieroglyphs

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*Printed using UniBook™ (http://www.unicode.org/unibook/)*

*Date: 2006-09-14*
## Anatolian Hieroglyphs

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Note to reviewers: This is a preliminary proposal. The code points shown are merely suggestions for a possible placement.

A. The human body and clothing

12480 🇦 ANATOLIAN HIEROGLYPH A001 MYSELF = ego
12481 🇦 ANATOLIAN HIEROGLYPH A002 MYSELF2 = ego2
12482 🇦 ANATOLIAN HIEROGLYPH A003 = mons2
12483 🇦 ANATOLIAN HIEROGLYPH D004 MOUNTAIN2 = 12561 🇦 anatolian hieroglyph d207 mountain
12484 🇦 ANATOLIAN HIEROGLYPH A005 = adorare
12485 🇦 ANATOLIAN HIEROGLYPH A006 ADORE = edere
12486 🇦 ANATOLIAN HIEROGLYPH A007 EAT = bibere
12487 🇦 ANATOLIAN HIEROGLYPH A008 DRINK = amplcti
12488 🇦 ANATOLIAN HIEROGLYPH A009 EMBRACE = caput
12489 🇦 ANATOLIAN HIEROGLYPH A010 HEAD = caput+scalprum
1248A 🇦 ANATOLIAN HIEROGLYPH A010A HEAD PLUS CHISEL = 125A2 🇦 anatolian hieroglyph f268 chisel
1248B 🇦 ANATOLIAN HIEROGLYPH A011 = statua
1248C 🇦 ANATOLIAN HIEROGLYPH A012 STATUE = magna.domina
1248D 🇦 ANATOLIAN HIEROGLYPH A013 = 125A2 🇦 anatolian hieroglyph f268 chisel
1248E 🇦 ANATOLIAN HIEROGLYPH A014 BEFORE = pari, prae
1248F 🇦 ANATOLIAN HIEROGLYPH A015 LADY = domina
12490 🇦 ANATOLIAN HIEROGLYPH A016 GREAT LADY = magna.domina
12491 🇦 ANATOLIAN HIEROGLYPH A017 KING = rex
12492 🇦 ANATOLIAN HIEROGLYPH A018 GREAT KING = magna.rex
12493 🇦 ANATOLIAN HIEROGLYPH A019 A2 = 125A2 🇦 anatolian hieroglyph f268 chisel
12494 🇦 ANATOLIAN HIEROGLYPH A020 STAFF PLUS A2 = lituus+a2
12495 🇦 ANATOLIAN HIEROGLYPH A021 HERO = heros
12496 🇦 ANATOLIAN HIEROGLYPH A022 SPEAK = loqui
12497 🇦 ANATOLIAN HIEROGLYPH A023 = lus
12498 🇦 ANATOLIAN HIEROGLYPH A024 QUARREL = lus
12499 🇦 ANATOLIAN HIEROGLYPH A025 EYE = oculus
1249A 🇦 ANATOLIAN HIEROGLYPH A026 FOREHEAD = frons
1249B 🇦 ANATOLIAN HIEROGLYPH A027 LIBATE = libare

1249C 🇨 ANATOLIAN HIEROGLYPH A028 STRONG = fortis
1249D 🇨 ANATOLIAN HIEROGLYPH A029 TA2 = 12575 🇨 anatolian hieroglyph e225 city
1249E 🇨 ANATOLIAN HIEROGLYPH A030 = manus.culter
1249F 🇨 ANATOLIAN HIEROGLYPH A031 BIND = capere2.capere2
124A0 🇨 ANATOLIAN HIEROGLYPH A032 ARM = ta3, capere
124A1 🇨 ANATOLIAN HIEROGLYPH A033 = capere2
124A2 🇨 ANATOLIAN HIEROGLYPH A034 AFTER = capere2
124A3 🇨 ANATOLIAN HIEROGLYPH A035 NA = ta3, capere2
124A4 🇨 ANATOLIAN HIEROGLYPH A036 STAFF PLUS NA = ta-x, capere2.capere2
124A5 🇨 ANATOLIAN HIEROGLYPH A037 = capere2
124A6 🇨 ANATOLIAN HIEROGLYPH A038 = capere2
124A7 🇨 ANATOLIAN HIEROGLYPH A039 FIST = pugnus
124A8 🇨 ANATOLIAN HIEROGLYPH A039A FIST PLUS X = pugnus+x
124A9 🇨 ANATOLIAN HIEROGLYPH A040 = 124A7 🇨 anatolian hieroglyph a039 fist
124AA 🇨 ANATOLIAN HIEROGLYPH A041 TAKE = ta3, capere
124AB 🇨 ANATOLIAN HIEROGLYPH A042 TAKE2 TAKE2 = ta-x, capere2.capere2
124AC 🇨 ANATOLIAN HIEROGLYPH A043 TAKE2 = capere2
124AD 🇨 ANATOLIAN HIEROGLYPH A044 = 124A7 🇨 anatolian hieroglyph a039 fist
124AE 🇨 ANATOLIAN HIEROGLYPH A045 SON = infans, filius, frater
124AF 🇨 ANATOLIAN HIEROGLYPH A045A DAUGHTER = filia
124B0 🇨 ANATOLIAN HIEROGLYPH A046 PRINCE = rex.infans, rex.filiius
124B1 🇨 ANATOLIAN HIEROGLYPH A046A PRINCESS = rex.filiius
124B2 🇨 ANATOLIAN HIEROGLYPH A046B GREAT DAUGHTER = magna.filiius
124B3 🇨 ANATOLIAN HIEROGLYPH A047 = 125A2 🇨 anatolian hieroglyph f268 chisel
124B4 🇨 ANATOLIAN HIEROGLYPH A048 = 125A2 🇨 anatolian hieroglyph f268 chisel
124B5 🇨 ANATOLIAN HIEROGLYPH A049 A PLUS TA2 = 125A2 🇨 anatolian hieroglyph f268 chisel
124B6 🇨 ANATOLIAN HIEROGLYPH A050 = 125A2 🇨 anatolian hieroglyph f268 chisel
124B7 🇨 ANATOLIAN HIEROGLYPH A051 FIST CITY = pugnus.urbs
124B8 🇨 ANATOLIAN HIEROGLYPH A052 HAIR = manus.culter
124B9 🇨 ANATOLIAN HIEROGLYPH A053 HAND PLUS KNIFE = manus+culter, ensis
124BA 🇨 ANATOLIAN HIEROGLYPH A054
124BB 🇨 ANATOLIAN HIEROGLYPH A055 NI3
ANATOLIAN HIEROGLYPH A056 UNDER
= ka2, infra, sub
→ 124BD 𒓛 anatolian hieroglyph a057 under
124BD 𒓛 ANATOLIAN HIEROGLYPH A057 UNDER
= infra, sub
124BE 𒓙 ANATOLIAN HIEROGLYPH A058 WITH
= cum
124BF 𒓙 ANATOLIAN HIEROGLYPH A059 HAND
= manus
124C0 𒓙 ANATOLIAN HIEROGLYPH A060
→ 124BF 𒓙 anatolian hieroglyph a059 hand
124C1 𒓙 ANATOLIAN HIEROGLYPH A061
= longus, manus*minus
→ 1261C 𒕧 anatolian hieroglyph j381 less
124C3 𒕧 ANATOLIAN HIEROGLYPH A063
→ 124BF 𒕧 anatolian hieroglyph a059 hand
124C4 𒕧 ANATOLIAN HIEROGLYPH A064
→ 124BF 𒕧 anatolian hieroglyph a059 hand
124C5 𒕧 ANATOLIAN HIEROGLYPH A065 PUT
= ponere
124C6 𒕧 ANATOLIAN HIEROGLYPH A066 GIVE
= pi, dare
124C7 𒕧 ANATOLIAN HIEROGLYPH A066A MANDATE
= mandare, dare.dare
124C8 𒕧 ANATOLIAN HIEROGLYPH A066B MANDATE2
= mandare2
124C9 𒕧 ANATOLIAN HIEROGLYPH A067
→ 124C2 𒕧 anatolian hieroglyph a062 long
124CA 𒕧 ANATOLIAN HIEROGLYPH A068
→ 124BF 𒕧 anatolian hieroglyph a059 hand
124CC 𒕧 ANATOLIAN HIEROGLYPH A070 OVER
= super
124CD 𒕧 ANATOLIAN HIEROGLYPH A071
124CE 𒕧 ANATOLIAN HIEROGLYPH A072
124CF 𒕧 ANATOLIAN HIEROGLYPH A073 HEAR
= audire, auris+tu+mi
124D0 𒕧 ANATOLIAN HIEROGLYPH A074
124D1 𒕧 ANATOLIAN HIEROGLYPH A075
124D2 𒕧 ANATOLIAN HIEROGLYPH A076
→ 12571 𒕧 anatolian hieroglyph d221 road
124D3 𒕧 ANATOLIAN HIEROGLYPH A077
124D4 𒕧 ANATOLIAN HIEROGLYPH A078 WING
= ala
124D5 𒕧 ANATOLIAN HIEROGLYPH A079 WOMAN
= femina, mater
124D6 𒕧 ANATOLIAN HIEROGLYPH A080 SARMA
124D7 𒕧 ANATOLIAN HIEROGLYPH A081 SARMA2
→ 124D6 𒕧 anatolian hieroglyph a080 Sarma
124D8 𒕧 ANATOLIAN HIEROGLYPH A082 LEG
= ta6, crus
124D9 𒕧 ANATOLIAN HIEROGLYPH A083 LEG PLUS RIVER
= crus+flumen
→ 12567 𒕧 anatolian hieroglyph d212 river
124DA 𒕧 ANATOLIAN HIEROGLYPH A084 LEG2
= crus2
124DB 𒕧 ANATOLIAN HIEROGLYPH A085 GENUFLECT
= genuflectere
124DC 𒕧 ANATOLIAN HIEROGLYPH A086 LEG LEG
= crus.crus
124DD 𒕧 ANATOLIAN HIEROGLYPH A087
→ 124DC 𒕧 anatolian hieroglyph a086 leg leg
124DE 𒕧 ANATOLIAN HIEROGLYPH A088
→ 124DF 𒕧 anatolian hieroglyph a089 tu
124DF 𒕧 ANATOLIAN HIEROGLYPH A089 TU
124E0 𒕧 ANATOLIAN HIEROGLYPH A090 FOOT
= ti, pes
124E1 𒕧 ANATOLIAN HIEROGLYPH A091
→ 124E2 𒕧 anatolian hieroglyph a092 foot
ladder wheels
124E2 𒕧 ANATOLIAN HIEROGLYPH A092 FOOT LADDER
WHEELS
= pes.scala.rote
124E3 𒕧 ANATOLIAN HIEROGLYPH A093 FOOT2
= pes2
124E4 𒕧 ANATOLIAN HIEROGLYPH A094
→ 124E2 𒕧 anatolian hieroglyph a092 foot
ladder wheels
124E5 𒕧 ANATOLIAN HIEROGLYPH A095 FOOT2 FOOT 2
= pes2,pes2
124E6 𒕧 ANATOLIAN HIEROGLYPH A096 FOOT2 FOOT
= pes2,pes
B. Animals
124E7 𒕧 ANATOLIAN HIEROGLYPH B097 LION
= leo, bestia
124E8 𒕧 ANATOLIAN HIEROGLYPH B097A LION2
= leo2
→ 124E7 𒕧 anatolian hieroglyph b097 lion
124E9 𒕧 ANATOLIAN HIEROGLYPH B098 DOG
= canis
124EA 𒕧 ANATOLIAN HIEROGLYPH B098A DOG2
= canis2
→ 124E9 𒕧 anatolian hieroglyph b098 dog
124EB 𒕧 ANATOLIAN HIEROGLYPH B099 HORSE
= equus
124EC 𒕧 ANATOLIAN HIEROGLYPH B100 ASS
= ta, asinus
124ED 𒕧 ANATOLIAN HIEROGLYPH B101 ASS2
= asinus2
124EE 𒕧 ANATOLIAN HIEROGLYPH B102 DEER
= ru2, cervus
124EF 𒕧 ANATOLIAN HIEROGLYPH B102A DEER2
= cervus2
→ 124EE 𒕧 anatolian hieroglyph b102 deer
124F0 𒕧 ANATOLIAN HIEROGLYPH B103 DEER3
= ru2, cervus3
124F1 𒕧 ANATOLIAN HIEROGLYPH B104 GOAT
= sa3, capra
124F2 𒕧 ANATOLIAN HIEROGLYPH B104A GOAT2
= capra2
→ 124F1 𒕧 anatolian hieroglyph b104 goat
124F3 𒕧 ANATOLIAN HIEROGLYPH B104B GOAT2A
= capra2a
→ 124F1 𒕧 anatolian hieroglyph b104 goat
124F4 𒕧 ANATOLIAN HIEROGLYPH B105 OX
= u, bos
124F5 𒕧 ANATOLIAN HIEROGLYPH B105A OX2
= bos2
→ 124F4 𒕧 anatolian hieroglyph b105 ox
124F6 𒕧 ANATOLIAN HIEROGLYPH B106

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ANATOLIAN HIEROGLYPH A176 LA PLUS LA
= la+i-la

ANATOLIAN HIEROGLYPH A177 TONGUE PLUS NAIL
= lingua+clavus

ANATOLIAN HIEROGLYPH A178 LA PLUS RA PLUS A
→ 1261F ◄ anatolian hieroglyph j383 combining ra or ri
→ 12664 ◄ anatolian hieroglyph k450 a

ANATOLIAN HIEROGLYPH C179 BARLEY
= hordeum, at Topada = hwi-x

ANATOLIAN HIEROGLYPH C180

ANATOLIAN HIEROGLYPH C181 BREAD
= pa-x, panis

D. Nature

ANATOLIAN HIEROGLYPH D182 SKY
= caelum

ANATOLIAN HIEROGLYPH J183
→ 12649 ◄ anatolian hieroglyph j423 ku

ANATOLIAN HIEROGLYPH D188

ANATOLIAN HIEROGLYPH D189

ANATOLIAN HIEROGLYPH K186
→ 1265F ◄ anatolian hieroglyph k445 la or li or lu

ANATOLIAN HIEROGLYPH D187

ANATOLIAN HIEROGLYPH D188

ANATOLIAN HIEROGLYPH D190 SUN2
= sol2

ANATOLIAN HIEROGLYPH D191 SUN
= sol

ANATOLIAN HIEROGLYPH D192 EAST
= oriens

ANATOLIAN HIEROGLYPH D193 MOON
= luna

ANATOLIAN HIEROGLYPH D194

ANATOLIAN HIEROGLYPH D195

ANATOLIAN HIEROGLYPH D196 HATTI
= ha2, Hatti

ANATOLIAN HIEROGLYPH D197 HATTI PLUS LI
= Hatti+i-li, Hattusili
→ 125AC ◄ anatolian hieroglyph f278 li

ANATOLIAN HIEROGLYPH D198

ANATOLIAN HIEROGLYPH D199 STORM
= tonitus

ANATOLIAN HIEROGLYPH D200 LIGHTNING
= fulgur

ANATOLIAN HIEROGLYPH D201 EARTH
= wa/i6, terra, locus

ANATOLIAN HIEROGLYPH D202 ROAD PLUS EARTH
CHASEL
= via+terra+scalprum
→ 12571 ◄ anatolian hieroglyph d221 road
→ 12595 ◄ anatolian hieroglyph f268 chisel

ANATOLIAN HIEROGLYPH D202A ROAD PLUS EARTH
PLUS CHISEL
= via+terra+scalprum

ANATOLIAN HIEROGLYPH D202B GOD EARTH PLUS
CHASEL
= deus via+terra
→ 12605 ◄ anatolian hieroglyph h360 god

ANATOLIAN HIEROGLYPH D203

E. Buildings

ANATOLIAN HIEROGLYPH E225 CITY
= urbs

ANATOLIAN HIEROGLYPH E226

ANATOLIAN HIEROGLYPH E227 CITY PLUS RA OR RI
PLUS LI
= urbs+ra/i+li, Mursili

ANATOLIAN HIEROGLYPH E227A CITY PLUS LI
= urbs+li, Mursili

ANATOLIAN HIEROGLYPH E228 COUNTRY
= regio

ANATOLIAN HIEROGLYPH E229 MI2 COUNTRY
= mi2.regio

ANATOLIAN HIEROGLYPH E230 TU4

ANATOLIAN HIEROGLYPH E231 FORTRESS
= castrum

ANATOLIAN HIEROGLYPH E232

ANATOLIAN HIEROGLYPH E233

ANATOLIAN HIEROGLYPH E234

ANATOLIAN HIEROGLYPH E235 TOWER
= turris
12581  ANATOLIAN HIEROGLYPH E236 WALL
12582  ANATOLIAN HIEROGLYPH E237 GATE
12583  ANATOLIAN HIEROGLYPH E238
12584  ANATOLIAN HIEROGLYPH E239 GATE2 = porta
12585  ANATOLIAN HIEROGLYPH E240
12586  ANATOLIAN HIEROGLYPH E241 K1-X
12587  ANATOLIAN HIEROGLYPH E242
12588  ANATOLIAN HIEROGLYPH A243 ELBOW = cubitum
12589  ANATOLIAN HIEROGLYPH E244 BUILDING = aedificium
1258A  ANATOLIAN HIEROGLYPH E245 EMPTY = vacuus, aedificium+minus
1258B  ANATOLIAN HIEROGLYPH E246 BUILD = aedificare, aedificium.ponere
1258C  ANATOLIAN HIEROGLYPH E247 HOUSE = domus
1258D  ANATOLIAN HIEROGLYPH E248 DESTROY = delere, domus+minus
1258E  ANATOLIAN HIEROGLYPH E249 GOD HOUSE = deus.domus
1258F  ANATOLIAN HIEROGLYPH E250 GREAT HOUSE = magnus.domus
12590  ANATOLIAN HIEROGLYPH E251 HOUSE PLUS X = domus+x
12591  ANATOLIAN HIEROGLYPH E252 HOUSE PLUS LADDER = domus+scala
12592  ANATOLIAN HIEROGLYPH E253
12593  ANATOLIAN HIEROGLYPH E254 EUNUCH2 = eunuchus2
12594  ANATOLIAN HIEROGLYPH E255
12595  ANATOLIAN HIEROGLYPH E256
12596  ANATOLIAN HIEROGLYPH E257 SILVER = argentum
12597  ANATOLIAN HIEROGLYPH E258
12598  ANATOLIAN HIEROGLYPH E259
12599  ANATOLIAN HIEROGLYPH E260
1259A  ANATOLIAN HIEROGLYPH E261
1259B  ANATOLIAN HIEROGLYPH E262
1259C  ANATOLIAN HIEROGLYPH E263
1259D  ANATOLIAN HIEROGLYPH E264 PEDESTAL = podium
1259E  ANATOLIAN HIEROGLYPH E265

1259F  ANATOLIAN HIEROGLYPH E266
125A0  ANATOLIAN HIEROGLYPH E267 STELE = stele, lapis+scalprum
125A1  ANATOLIAN HIEROGLYPH E267A STONE = lapis
125A2  ANATOLIAN HIEROGLYPH E268 CHISEL = scalprum

F. Arms, tools, furniture, and other instruments
125A3  ANATOLIAN HIEROGLYPH E269 ARMY = exercitus
125A4  ANATOLIAN HIEROGLYPH A270
125A5  ANATOLIAN HIEROGLYPH F271
125A6  ANATOLIAN HIEROGLYPH F272 SHIELD = scutum
125A7  ANATOLIAN HIEROGLYPH F273
125A8  ANATOLIAN HIEROGLYPH F274
125A9  ANATOLIAN HIEROGLYPH F275
125AA  ANATOLIAN HIEROGLYPH F276 BROTHER2 = frater2
125AB  ANATOLIAN HIEROGLYPH H277 JUSTICE LA = iustitia.la, iudex.la
125AC  ANATOLIAN HIEROGLYPH F278 LI
125AD  ANATOLIAN HIEROGLYPH F279
125AE  ANATOLIAN HIEROGLYPH F280 HAMMER = wa/i, malleus
125AF  ANATOLIAN HIEROGLYPH F281 DOUBLE AXE = ascia
125B0  ANATOLIAN HIEROGLYPH F282
125B1  ANATOLIAN HIEROGLYPH F283
125B2  ANATOLIAN HIEROGLYPH F284
125B3  ANATOLIAN HIEROGLYPH F285 2U OR ZUWA
125B4  ANATOLIAN HIEROGLYPH F286 WA7 OR W17
125B5  ANATOLIAN HIEROGLYPH F287
125B6  ANATOLIAN HIEROGLYPH F288 CHARIOT = currus
125B7  ANATOLIAN HIEROGLYPH F289 CHARIOTEER = auriga
125B8  ANATOLIAN HIEROGLYPH F290 HAR2 OR HARI
125B9  ANATOLIAN HIEROGLYPH F291 LI3
125BA  ANATOLIAN HIEROGLYPH F292 WHEEL = hala/i, rota
125BB  ANATOLIAN HIEROGLYPH F293
125BC  ANATOLIAN HIEROGLYPH F294 THRONE OR TABLE = thronus, mensa
125BD  ANATOLIAN HIEROGLYPH F294A THRONE OR TABLE2 = thronus, mensa2, Sarpa
125BE  ANATOLIAN HIEROGLYPH F295
125BF  ANATOLIAN HIEROGLYPH F296 MOUNTAIN SARPA = mons.Sarpa

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125C0 Anatolian Hieroglyphs

125C0 𒗁 ANATOLIAN HIEROGLYPH F397
→ 125BF 𒗀 anatolian hieroglyph f296 mountain

125C1 𒗀 ANATOLIAN HIEROGLYPH F298 THRONE2
= thronus2

125C2 𒗀 ANATOLIAN HIEROGLYPH F299 CHAIR
= i2, solum

125C3 𒗀 ANATOLIAN HIEROGLYPH F299A IA2

125C4 𒗀 ANATOLIAN HIEROGLYPH F300 DESCENDANT
= nepos

125C5 𒗀 ANATOLIAN HIEROGLYPH F301 COUCH
= lectus

125C6 𒗀 ANATOLIAN HIEROGLYPH J302
→ 12630 𒗀 anatolian hieroglyph j399 hundred

125C7 𒗀 ANATOLIAN HIEROGLYPH F303 SARA OR SARI

125C8 𒗀 ANATOLIAN HIEROGLYPH F304 MA3

125C9 𒗀 ANATOLIAN HIEROGLYPH F305

125CA 𒗀 ANATOLIAN HIEROGLYPH F306 HI2

125CB 𒗀 ANATOLIAN HIEROGLYPH F307 HU

125CC 𒗀 ANATOLIAN HIEROGLYPH F308

125CD 𒗀 ANATOLIAN HIEROGLYPH F309 CROSS
= crux

125CE 𒗀 ANATOLIAN HIEROGLYPH D310
→ 12559 𒗀 anatolian hieroglyph d201 earth

125CF 𒗀 ANATOLIAN HIEROGLYPH F311

125D0 𒗀 ANATOLIAN HIEROGLYPH F312
→ 125D1 𒗀 anatolian hieroglyph f313 man

125D1 𒗀 ANATOLIAN HIEROGLYPH F313 MAN
= zi2, vir

125D2 𒗀 ANATOLIAN HIEROGLYPH F314 HA-X

125D3 𒗀 ANATOLIAN HIEROGLYPH F315 KAR

125D4 𒗀 ANATOLIAN HIEROGLYPH F316 SA7

125D5 𒗀 ANATOLIAN HIEROGLYPH F317

125D6 𒗀 ANATOLIAN HIEROGLYPH F318 TESUB

125D7 𒗀 ANATOLIAN HIEROGLYPH F319 TA4
= ta4, li-x?

125D8 𒗀 ANATOLIAN HIEROGLYPH C320
→ 12535 𒗀 anatolian hieroglyph c165 good

125D9 𒗀 ANATOLIAN HIEROGLYPH F321

125DA 𒗀 ANATOLIAN HIEROGLYPH F322 PURE
= purus

125DB 𒗀 ANATOLIAN HIEROGLYPH F323
→ 125DA 𒗀 anatolian hieroglyph f322 pure

125DC 𒗀 ANATOLIAN HIEROGLYPH F324

125DD 𒗀 ANATOLIAN HIEROGLYPH F325 TU2

125DE 𒗀 ANATOLIAN HIEROGLYPH F326 SCRIBE
= tu3, scriba

125DF 𒗀 ANATOLIAN HIEROGLYPH F327 SEAL
= sa5, sigillum

125E0 𒗀 ANATOLIAN HIEROGLYPH F328 PU

125E1 𒗀 ANATOLIAN HIEROGLYPH F329 WHICH
= kwi/a, relative pronoun

125E2 𒗀 ANATOLIAN HIEROGLYPH F329A
→ 1269B 𒗀 anatolian hieroglyph f508 hwi

125E3 𒗀 ANATOLIAN HIEROGLYPH F330 TAKE PLUS CHISEL
= capere+sculpnum
→ 124AA 𒗀 anatolian hieroglyph a041 take

125E4 𒗀 ANATOLIAN HIEROGLYPH F331 GRANDFATHER
= avus

125E5 𒗀 ANATOLIAN HIEROGLYPH F332A NOT
= neg

125E6 𒗀 ANATOLIAN HIEROGLYPH F332B NOT2
= na2, neg2

125E7 𒗀 ANATOLIAN HIEROGLYPH F332C NOT3
= neg3

G. Vases and receptacles

125E8 𒗀 ANATOLIAN HIEROGLYPH G333

125E9 𒗀 ANATOLIAN HIEROGLYPH G334 PA

125EA 𒗀 ANATOLIAN HIEROGLYPH G335 ZA2

125EB 𒗀 ANATOLIAN HIEROGLYPH G336 YEAR
= zi3, annus, pithos.scutella
→ 125ED 𒗀 anatolian hieroglyph g337 jar
→ 12633 𒗀 anatolian hieroglyph j402 plate

125EC 𒗀 ANATOLIAN HIEROGLYPH G336A ZA3
→ 125EB 𒗀 anatolian hieroglyph g336 year
→ 12619 謇 anatolian hieroglyph h378 staff

125ED 𒗀 ANATOLIAN HIEROGLYPH G337 JAR
= pithos

125EE 𒗀 ANATOLIAN HIEROGLYPH G338 KNIFE
= culter

125EF 𒗀 ANATOLIAN HIEROGLYPH F339
→ 125D7 𒗀 anatolian hieroglyph f319 ta4

125F0 𒗀 ANATOLIAN HIEROGLYPH G340 YEAR PLUS YEAR
= annus+annus

125F1 𒗀 ANATOLIAN HIEROGLYPH G341 VESSEL
= vas

125F2 𒗀 ANATOLIAN HIEROGLYPH F342
→ 125CB 𒗀 anatolian hieroglyph f307 hu

125F3 ียม ANATOLIAN HIEROGLYPH G343

125F4 𒗀 ANATOLIAN HIEROGLYPH G344 NARROW
= contractus

125F5 𒗀 ANATOLIAN HIEROGLYPH G345 PITCHER
= urceus

125F6 𒗀 ANATOLIAN HIEROGLYPH G346 CUP
= poculum

125F7 𒗀 ANATOLIAN HIEROGLYPH G347 HU2

125F8 𒗀 ANATOLIAN HIEROGLYPH G348
→ 125F9 𒗀 anatolian hieroglyph g349

125F9 籴 ANATOLIAN HIEROGLYPH G349

125FA 籴 ANATOLIAN HIEROGLYPH G350

125FB 籴 ANATOLIAN HIEROGLYPH G351

125FC 籴 ANATOLIAN HIEROGLYPH G352
→ 125F5 籴 anatolian hieroglyph g345 pitcher

125FD 籴 ANATOLIAN HIEROGLYPH G353
→ 125F5 籴 anatolian hieroglyph g345 pitcher

125FE 籴 ANATOLIAN HIEROGLYPH G354
→ 125F5 籴 anatolian hieroglyph g345 pitcher

125FF 籴 ANATOLIAN HIEROGLYPH G355 PRIEST
= sacerdos

12600 籴 ANATOLIAN HIEROGLYPH G356

12601 籴 ANATOLIAN HIEROGLYPH G357

12602 籴 ANATOLIAN HIEROGLYPH G358 DAY
= dies

12603 籴 ANATOLIAN HIEROGLYPH G359
→ 12602 籴 anatolian hieroglyph g358 day

12604 籴 ANATOLIAN HIEROGLYPH G359
→ 1258A 籴 anatolian hieroglyph e245 empty
12620 𒘮 ANATOLIAN HIEROGLYPH H364 U
→ 124F4 𒘮 anatolian hieroglyph b105 ox

12620 𒘯 ANATOLIAN HIEROGLYPH H364A MU
→ 124F7 𒘯 anatolian hieroglyph b107 ox plus

12620 𒘰 ANATOLIAN HIEROGLYPH H365

12620 𒘱 ANATOLIAN HIEROGLYPH H366 ALL
= omnis

12620 𒘲 ANATOLIAN HIEROGLYPH H367 TAL

12620 𒘳 ANATOLIAN HIEROGLYPH H368 BAD
= malus

12620 𒘴 ANATOLIAN HIEROGLYPH H368A BAD2
= malus2

12620 𒘵 ANATOLIAN HIEROGLYPH H369 LIFE
= vita

12620 𒘶 ANATOLIAN HIEROGLYPH H370 GOOD2
= su, bonus2

12620 𒘷 ANATOLIAN HIEROGLYPH H371 JUSTICE
= iustitia, iudex

→ 125AB 𒘷 anatolian hieroglyph h277 justice la

12620 𒘸 ANATOLIAN HIEROGLYPH H372 PRIEST2
= sacerdos2

12620 𒘹 ANATOLIAN HIEROGLYPH H373

12620 𒘺 ANATOLIAN HIEROGLYPH H374

12620 𒘻 ANATOLIAN HIEROGLYPH H375

12620 𒘼 ANATOLIAN HIEROGLYPH H376 ZI
= zi, zi/a

12620 𒘽 ANATOLIAN HIEROGLYPH H377 ZA

12620 𒘾 ANATOLIAN HIEROGLYPH H378 STAFF
= lituus

12620 𒘿 ANATOLIAN HIEROGLYPH H379 WEST
= ta3, occidens

J. Lines, numbers, and geometric shapes

12621 𒘠 ANATOLIAN HIEROGLYPH J380 ONE
= sa8, unus, personal marker

12621 𒘡 ANATOLIAN HIEROGLYPH J381 LESS
= minus

12621 𒘢 ANATOLIAN HIEROGLYPH J381A DEATH
= morti, vir2.minus

→ 12621 𒘢 anatolian hieroglyph j381 less

→ 12621 𒘢 anatolian hieroglyph j386a man2

12621 𒘣 ANATOLIAN HIEROGLYPH J382 WOOD
= lignum

12621 𒘤 ANATOLIAN HIEROGLYPH J383 COMBINING RA OR RI

12621 𒘥 ANATOLIAN HIEROGLYPH J384 TWO

12621 𒘦 ANATOLIAN HIEROGLYPH J385 TWO2

12621 𒘧 ANATOLIAN HIEROGLYPH J386 MAN2
= vir2, beginning of word

12621 𒘨 ANATOLIAN HIEROGLYPH J386A MAN2A
= vir2a, beginning of word

12621 𒘩 ANATOLIAN HIEROGLYPH J387 SERVANT
= mi3, servus

12621 𒘪 ANATOLIAN HIEROGLYPH J388 THREE
= tara/i

12621 𒘫 ANATOLIAN HIEROGLYPH J389 TARA OR TARI

K. Varia

12622 𒘬 ANATOLIAN HIEROGLYPH J390 LORD
= dominus

12622 𒘭 ANATOLIAN HIEROGLYPH J391 FOUR
= mi

12622 𒘮 ANATOLIAN HIEROGLYPH J392 FIVE

12622 𒘯 ANATOLIAN HIEROGLYPH J393 EIGHT

12622 𒘰 ANATOLIAN HIEROGLYPH J394

12622 𒘱 ANATOLIAN HIEROGLYPH J395 NINE
= nu2

12622 𒘲 ANATOLIAN HIEROGLYPH J396

12622 𒘳 ANATOLIAN HIEROGLYPH J397 TEN
= decem

12622 𒘴 ANATOLIAN HIEROGLYPH J398

12622 𒘵 ANATOLIAN HIEROGLYPH J399 HUNDRED
= centum

12622 𒘶 ANATOLIAN HIEROGLYPH J400 THOUSAND
= mille

12623 𒘷 ANATOLIAN HIEROGLYPH K401
→ 12680 𒘷 anatolian hieroglyph k477 flames

12623 𒘸 ANATOLIAN HIEROGLYPH K402 PLATE
= sa4, scutella

12623 𒘹 ANATOLIAN HIEROGLYPH K403

12623 𒘺 ANATOLIAN HIEROGLYPH K404 ANIMAL

12623 𒘻 ANATOLIAN HIEROGLYPH K405

12623 𒘼 ANATOLIAN HIEROGLYPH K406

12623 𒘽 ANATOLIAN HIEROGLYPH K407

12623 𒘾 ANATOLIAN HIEROGLYPH K408

→ 124D5 𒘾 anatolian hieroglyph a079 woman

12623 𒘿 ANATOLIAN HIEROGLYPH K409

12623 𒘺 ANATOLIAN HIEROGLYPH K410 BEGIN LOGOGRAM
= mark

12623 𒘻 ANATOLIAN HIEROGLYPH K411 END LOGOGRAM
= mark

12623 𒘼 ANATOLIAN HIEROGLYPH K412 RU

12623 𒘽 ANATOLIAN HIEROGLYPH K413 HI

12623 𒘾 ANATOLIAN HIEROGLYPH K414

12623 𒘿 ANATOLIAN HIEROGLYPH K415 SA

12623 𒘺 ANATOLIAN HIEROGLYPH K416
→ 125D7 𒘺 anatolian hieroglyph f319 ta4

12623 𒘻 ANATOLIAN HIEROGLYPH K417 SA-X

12623 𒘽 ANATOLIAN HIEROGLYPH K418

12623 𒘾 ANATOLIAN HIEROGLYPH K419 MI2

12623 𒘿 ANATOLIAN HIEROGLYPH K420
→ 124D5 𒘿 anatolian hieroglyph j419 mi2

12624 𒘺 ANATOLIAN HIEROGLYPH K421 US

12624 𒘻 ANATOLIAN HIEROGLYPH K422 BREAD PLATE
= panis, scutella

→ 12545 𒘻 anatolian hieroglyph c181 bread

→ 12633 𒘻 anatolian hieroglyph j402 plate

12624 𒘽 ANATOLIAN HIEROGLYPH K423 KU

12624 𒘾 ANATOLIAN HIEROGLYPH K424

12624 𒘿 ANATOLIAN HIEROGLYPH K425

12624 𒘺 ANATOLIAN HIEROGLYPH K426

12624 𒘻 ANATOLIAN HIEROGLYPH K427

12624 𒘽 ANATOLIAN HIEROGLYPH K428

12624 𒘾 ANATOLIAN HIEROGLYPH K429 TANA
= pu2, omnis2

12624 𒘿 ANATOLIAN HIEROGLYPH K430 ALL2
= zu?

12625 𒘺 ANATOLIAN HIEROGLYPH K431

12625 𒘻 ANATOLIAN HIEROGLYPH K432 ZU
= zu?
ANATOLIAN HIEROGLYPH K434 KA
ANATOLIAN HIEROGLYPH K435 A-X
ANATOLIAN HIEROGLYPH K436
ANATOLIAN HIEROGLYPH K437
ANATOLIAN HIEROGLYPH K438 SHEPHERD
ANATOLIAN HIEROGLYPH K439 WA OR WI
ANATOLIAN HIEROGLYPH K440
ANATOLIAN HIEROGLYPH K441
ANATOLIAN HIEROGLYPH K442
ANATOLIAN HIEROGLYPH K443
ANATOLIAN HIEROGLYPH K444
ANATOLIAN HIEROGLYPH K445 LA OR LI OR LU
ANATOLIAN HIEROGLYPH K446 K1
ANATOLIAN HIEROGLYPH K447 TOWARD
ANATOLIAN HIEROGLYPH K448 SU3
ANATOLIAN HIEROGLYPH K449
ANATOLIAN HIEROGLYPH K450 A
ANATOLIAN HIEROGLYPH K451 HUR
ANATOLIAN HIEROGLYPH K452
ANATOLIAN HIEROGLYPH K453
ANATOLIAN HIEROGLYPH K454
ANATOLIAN HIEROGLYPH K455 LA-X
ANATOLIAN HIEROGLYPH K456 SI2
ANATOLIAN HIEROGLYPH K457
ANATOLIAN HIEROGLYPH K458
ANATOLIAN HIEROGLYPH K459
ANATOLIAN HIEROGLYPH K460
ANATOLIAN HIEROGLYPH K461
ANATOLIAN HIEROGLYPH K462 PA2
ANATOLIAN HIEROGLYPH K463
ANATOLIAN HIEROGLYPH K464
ANATOLIAN HIEROGLYPH K465
ANATOLIAN HIEROGLYPH K466
ANATOLIAN HIEROGLYPH K467
ANATOLIAN HIEROGLYPH K468
ANATOLIAN HIEROGLYPH K469
ANATOLIAN HIEROGLYPH K470 TWELVE
ANATOLIAN HIEROGLYPH K471
ANATOLIAN HIEROGLYPH K472
ANATOLIAN HIEROGLYPH K473
ANATOLIAN HIEROGLYPH K474 EUNUCH
ANATOLIAN HIEROGLYPH K475
ANATOLIAN HIEROGLYPH K476
ANATOLIAN HIEROGLYPH K477 FLAMES

= a-x²
= pastor
= su3, zu3?
= si2?
= hwi, hwi/a
= prophyta, comu+caput
= eunuchus