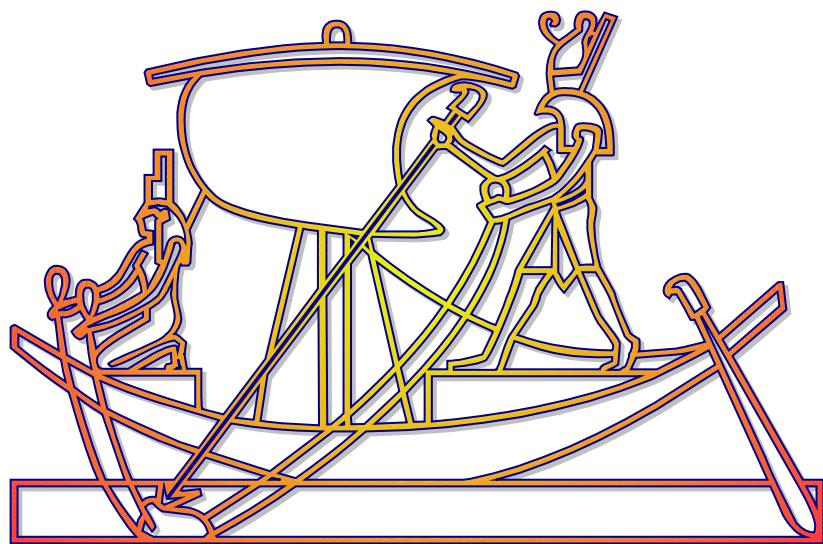


Aegyptus

Egyptian Hieroglyphs, Coptic and Meroitic



Aegyptus, version 13.00, March 2020
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UNICODE FONTS FOR ANCIENT SCRIPTS
GEORGE DOUROS

Aegyptus covers Basic Latin, Coptic, Meroitic, Egyptian Hieroglyphs, quadrats of Gardiner glyphs, the Hieratic alphabet, Egyptian transliteration characters, Punctuation et al. Egyptian Hieroglyphs are encoded in 13000..1342E (Gardiner set of 1071 glyphs) and F3440..F4D3E (extended repertoire of 6399 glyphs). Groups of Gardiner glyphs are available as ligatures (2142 quadrats). The signary is based on Glyph for Windows version 2.0, Gardiner's Egyptian Grammar, Möller's Hieratische Paläographie, Unicode proposals et al. See AEGYPTUS.ods for complete information.

Bibliography

Publications Interuniversitaires de Recherches Égyptologiques Informatisées, CCER, Utrecht - Paris, 2000:

- volume I², "Hieroglyphica: Sign List", Grimal Nicolas, Jochen Hallof, Dirk van der Plas
- volume II, "Hieroglyphic Text Processing: Glyph for Windows", Hans van den Berg, Eric Aubourg

Gardiner, Alan H., "Supplement to the catalogue of the Egyptian hieroglyphic printing type", 1953
 "Catalogue of the Egyptian hieroglyphic printing type", Oxford University Press, Oxford, 1928
 "Egyptian grammar", 3rd edition, revised, Oxford University Press, London, 1957

Möller, Georg, "Hieratische Paléographie", Leipzig, 1909-1936, Osnabrück: Otto Zeller, 1909 - 1965

J. Malek, D. Magee and E. Miles, "Objects of Provenance not Known", Topographical Bibliography, VIII, Griffith Institute, Oxford, 2008

Sylvie Cauville, "Dendara: Le fonds hiéroglyphique au temps de Cléopâtre", Éditions Cybèle, Paris, 2001

Orientalia Lovaniensia Analecta, Louvain, Belgium, Peeters, 2011-2012:

- Dendara XIII, Le pronaos du temple d' Hathor, Façade et colonnes, OLA 196,
- Dendara XIV, Le pronaos du temple d' Hathor, Parois intérieures, OLA 201,
- Dendara XV, Le pronaos du temple d' Hathor, Plafond et parois extérieures, OLA 213

Michael Everson, "Encoding Egyptian Hieroglyphs in Plane 1 of the ucs", UTC 1999,
 "Sources for the encoding of Egyptian Hieroglyphs", UTC 2006
 "Preliminary proposal for encoding the Meroitic script in the SMP of the ucs", UTC 2008
 "Proposal for encoding the Meroitic Hieroglyphic and the Meroitic Cursive...", UTC 2009

Pandey Anshuman, "Final Proposal to Encode Coptic Epact Numbers in ISO/IEC 10646", UTC 2011

Michel Suignard, "... extended Egyptian Hieroglyphs repertoire", UTC 2016-17 et al.

James P. Allen, "Middle Egyptian: An introduction to the language and culture of hieroglyphs", CUP, 2010
 "The Ancient Egyptian Language, An Historical Study", CUP, 2013

A. Erman and H. Grapow, "Wörterbuch der ägyptischen Sprache", Akademie-Verlag, Berlin, 1971

Raymond O. Faulkner, "A concise dictionary of Middle Egyptian", Griffith Institute, Ashmolean Museum, 1991

Mark Vygus, "Vygus Egyptian Dictionary", 2018

Kyriazis Neoklis, "Hieroglyphic Document Editor for GNU-LINUX", 2012

Saqqara Technology Ltd., "InScribe 2004 Sign List", 2004

Bob Richmond, "EGPZ 1.0 Beta Specification", 2007

Marwan Kilani, "EgyptianHiero font", version 3.02

The Unicode Consortium. The Unicode Standard.

Basic characters

Meroitic Hieroglyphs ([salt](#))

Meroitic Cursive ([salt](#))

169 26147 KZ VII P93353W 2832V B III 14992

Meroitic Cursive; numbers

Meroitic Cursive; symbols in PLANE 15

Coptic

Coptic; OpenType (mark, liga, dlig, aalt, ss01, ss02, ss03)

Φαγεσσάνταργλεζζηθίκλαμνζόπρετγφχψω

ῳαχεῖται γλεῖσηθικληνζόπρστγφχψῳ

ψηχσθλβιδεζηθικλμνζօրցտյֆխվ

ΨΗΞΟΠΡΟΣΤΥΦΧΨΩ

αγεράτος τοι οντός σημαντέστερος για την ανθρωπότητα.

այս իր աշխատանքութեան վեհական մասունք է առաջ գալու համար:

Μάρκος Χρήστας Αβέλες Ζηνόπουλος Παπαδημητρίου

2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

Coptic Numbers

1	λ	ς	100	ρ	σ	10000	ἴ	ι	1/10
2	β	ω	200	σ	τ	20000	ἴκ	κ	1/9
3	γ	ν	300	τ	ζ	30000	ἴλ	λ	1/8
4	δ	γ	400	γ	ϲ	40000	ἴμ	μ	1/7
5	ε	ξ	500	φ	ϙ	50000	ἴν	ν	1/6
6	ϟ	ϟ	600	χ	ϙ	60000	ἴξ	ξ	1/5
7	ζ	ϟ	700	ψ	Ϙ	70000	ἴօ	օ	1/4
8	ϟ	ϟ	800	ω	Ϙ	80000	ἴω	ω	1/3
9	θ	ϙ	900	ϙ	ϙ	90000	ἴϙ	ϙ	2/5
10	ι	ι	1000	ϙ	ϙ	100000	ἴϙ	ϙ	1/2
20	ϙ	ϙ	2000	ϙ	ϙ	200000	ἴϙ	ϙ	2/3
30	λ	ϙ	3000	ϙ	ϙ	300000	ἴϙ	ϙ	
40	ϙ	ϙ	4000	ϙ	ϙ	400000	ἴϙ	ϙ	
50	ϙ	ϙ	5000	ϙ	ϙ	500000	ἴϙ	ϙ	
60	ϙ	ϙ	6000	ϙ	ϙ	600000	ἴϙ	ϙ	
70	ϙ	ϙ	7000	ϙ	ϙ	700000	ἴϙ	ϙ	
80	ϙ	ϙ	8000	ϙ	ϙ	800000	ἴϙ	ϙ	
90	ϙ	ϙ	9000	ϙ	ϙ	900000	ἴϙ	ϙ	

A sample of hieroglyphic printing from Gardiner, 1928 p. 13:

image:



text rendered in Aegyptus-Bold with OpenType support:



the same text with OpenType support turned off:



Unicode has ⚡ instead of Gardiner's ⚠; the latter is included in the extended repertoire of Aegyptus.

The Egyptian Alphabet: ASCII, Hieratic, Transliteration, Hieroglyphic and Kyriazis' images

A	ȝ	ȝ	ȝ	ȝ	p	ȝ	p	ȝ	ȝ	ȝ	ȝ	x	ȝ	ȝ	ȝ	t	ȝ	t	ȝ	ȝ
i	ȝ	i	ȝ	ȝ	f	ȝ	f	ȝ	ȝ	ȝ	ȝ	X	ȝ	b	ȝ	T	ȝ	t	ȝ	ȝ
y	ȝ	y	ȝ	ȝ	m	ȝ	m	ȝ	ȝ	ȝ	ȝ	s	ȝ	s	ȝ	d	ȝ	d	ȝ	ȝ
j	ȝ	i	ȝ	ȝ	M	ȝ	m	ȝ	ȝ	ȝ	ȝ	z	ȝ	z	ȝ	D	ȝ	d	ȝ	ȝ
a	ȝ	r	ȝ	ȝ	n	ȝ	n	ȝ	ȝ	ȝ	ȝ	S	ȝ	š	ȝ	N	ȝ	n	ȝ	ȝ
w	ȝ	w	ȝ	ȝ	r	ȝ	r	ȝ	ȝ	ȝ	ȝ	q	ȝ	k	ȝ	R	ȝ	r	ȝ	ȝ
W	ȝ	w	ȝ	ȝ	h	ȝ	ȝ	ȝ	ȝ	ȝ	ȝ	k	ȝ	k	ȝ	K	ȝ	k	ȝ	ȝ
b	ȝ	b	ȝ	ȝ	H	ȝ	b	ȝ	ȝ	ȝ	ȝ	g	ȝ	ȝ	ȝ	l	ȝ	ȝ	ȝ	ȝ

Hieratic alphabet: ss20

A i v j a w b p f m n r h H x X z s S q k g t T d D W M N R K l →

諸侯之卿大夫皆朝於天子。天子之使不以爲辱。

Transliteration alphabet: ss10

A i y i a w b n f m n r h H x X z s S q k g t T d D W M N R K l ↗

z i y i c w b p f m n r b h b h z s š k k g t t d d w m n r k l

Hieroglyphic alphabet: ss15

A i v i a w b n f m n r h H x X z s S q k g t T d D W M N R K l ↗

A horizontal row of approximately 25 Egyptian hieroglyphs, each representing a different object or concept. From left to right, they include: a falcon, a knife, two parallel lines, a bird, a square with a cross, a scorpion, a circle, a double circle, a stylized eye, a vertical bar, a horizontal bar, a bowl, a triangle, a bottle, a bone, a jar, a staff, a heart, a hand, a bird in flight, and a kneeling figure.

Dingbats: ornm

1 2 3 4 5 6 7 8 9 →

Quadrats; example:

no ligature, liga=0
I10 I9 N35 D54



default ligature
I10 I9 N35 D54



ligature split by a zero width non-joiner U+200C
I10 I9 ZW_NJ N35 D54



Quadrats with variants:

parts, liga=0	group	aalt	parts, liga=0	group	aalt	aalt=2	parts, liga=0	group	aalt
○ III	○	○ III	Sheep III	Sheep	Sheep	Sheep III	Duck III	Duck	Duck III
○ △ III	△	△ III	Cobra	Cobra	Cobra	Cobra	Bird	Bird	Bird
○ I	I	I	Egyptian Falcon	Egyptian Falcon	Egyptian Falcon	Egyptian Falcon	Snakes	Snakes	Snakes
U	U	U	Crow	Crow	Crow	Crow	Tree	Tree	Tree
L	L	L	Egyptian Falcon	Egyptian Falcon	Egyptian Falcon	Egyptian Falcon	Sheep	Sheep	Sheep
J	J	J	Egyptian Falcon	Egyptian Falcon	Egyptian Falcon	Egyptian Falcon	Tree	Tree	Tree
W III	W	W III	Crow	Crow	Crow	Crow	Circle	Circle	Circle
H III	H	H III	Eye	Eye	Eye	Eye	Bar	Bar	Bar

Quadrats; partial list:



