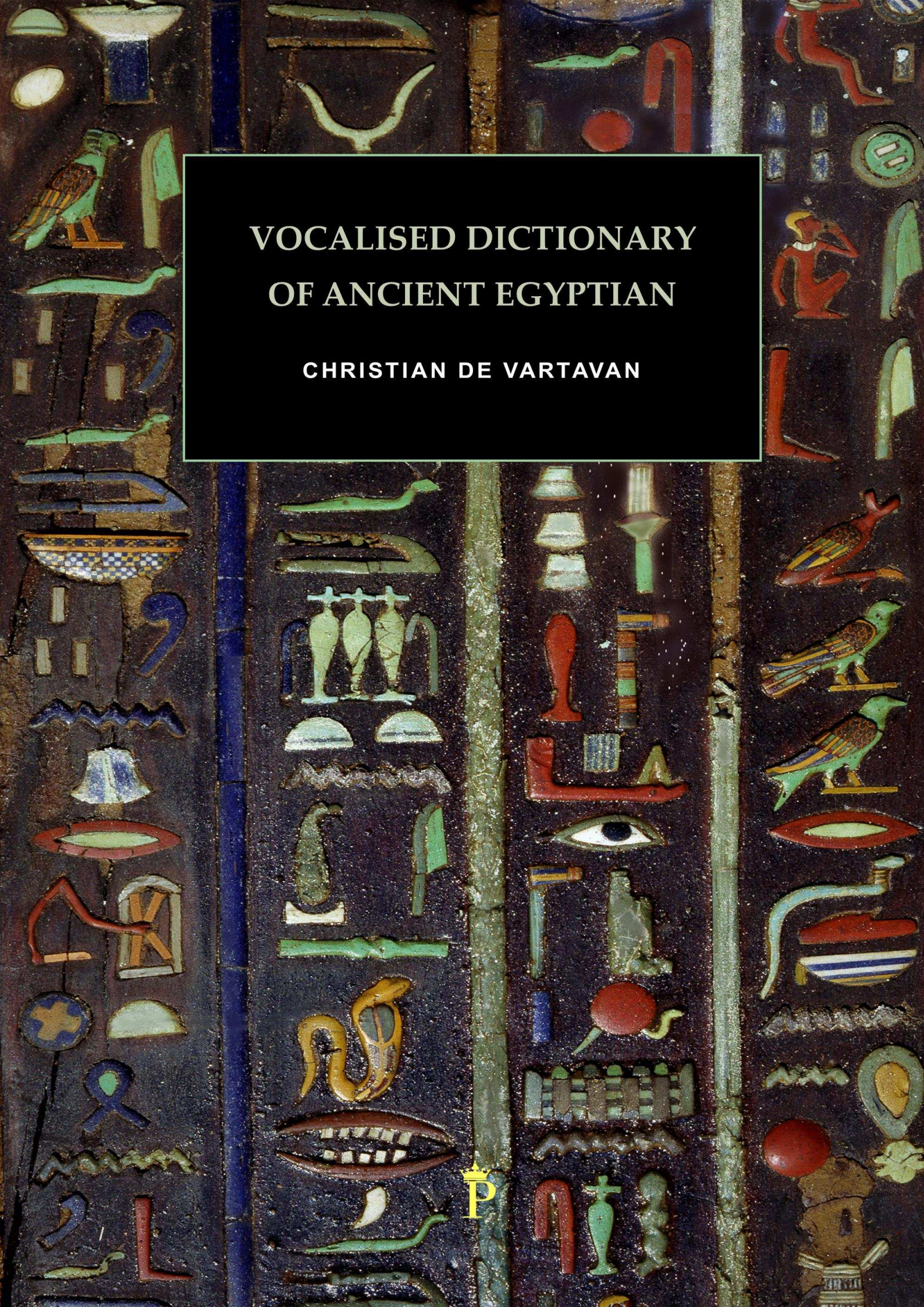

VOCALISED DICTIONARY OF ANCIENT EGYPTIAN

CHRISTIAN DE VARTAVAN

Dr Christian de Vartavan FLS FRSA taught himself Egyptian hieroglyphics from a very early age, then formally from the age of sixteen with Sir Alan Gardiner's Middle Egyptian grammar. He was educated at University College London's Institute of Archaeology (BA, MSc and PhD), where he furthered his knowledge of Ancient Egyptian with Prof Harry Smith, then Edwards Chair of Egyptology and head of UCL's Department of Egyptology, who accepted him straight into second year level. Dr de Vartavan gained world fame in Egyptology while a student by discovering part of the forgotten plant material from king Tutankhamun's tomb in the Royal Botanical Gardens, Kew in 1988.

From 2006 to 2014 he became the founder of Egyptology in the Republic of Armenia and the director of its first Egyptology research centre, earning in 2013 a state national award for his ground-breaking research in Ancient Egyptian and related topics. It was during this tenure that the premises of the present study were laid down. It was also there that he discovered the secret chiasmic structure of the important Daily Ritual, as only performed by pharaoh himself or his First Prophet. This structure had languished unidentified since its original translation by A. Moret in 1901 and its discovery has resulted in a current re-translation.

Dr de Vartavan's Egyptology expanding archive earned the rare honour of becoming part of the UK's National Archive during his lifetime, and is kept by University of Oxford's Griffith Institute (Sackler Library). He is married and since returning to the UK in 2017 has made London his home.

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London, the 1st of May 2023

VOCALISED DICTIONARY OF ANCIENT EGYPTIAN

by

Christian de Vartavan

BA MSc PhD FLS FRSA

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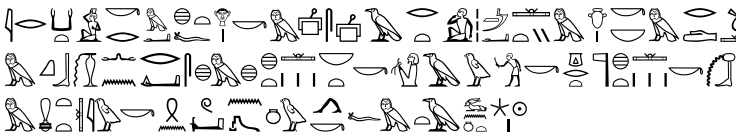

This book is dedicated to the memory of

CAROLE ELIZABETH SCOTT GAGE, NÉE JARVIS
(1947-2022)

whose Guided generosity moments
before her premature departure to the Heavens
opened unexpected doors to the Gods' words
for the eternal benefit of all.

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ACKNOWLEDGMENT

Without the Coptic etymological dictionary of Werner Vycichl, itself based on major previous works[1], the present dictionary could simply not have been achieved as it is directly built from and upon it. To his predecessors and to Werner Vycichl (1909-1999) in particular goes the earnest and deepest scholarly gratitude of the author.

In the first edition of this book, the author thanked two scholars, one an Egyptologist and the other not, whose supports have accompanied the author in an unstinted manner throughout this difficult journey and who have encouraged him to not only finish this work but to make it available as soon as possible.

The first was Prof. Richard Wilkinson, renown Egyptologist, current general editor of the *Journal of Ancient Egyptian Interconnections* and former Regents Professor of the University of Arizona. A man of true superior intelligence, and a very kind man.

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He now wishes to thank Dr Katie Meheux, director of University College London's Institute of Archaeology library for her kind and sustained help over the years and whenever needed during my researches.

Also but certainly not least, my very profound appreciation goes to my wife, Prof Kerensa Jennings FRSA, whose unwavering support inspires a gratitude the author feels cannot be vocalised in any terms, hieroglyphics or other.

London, the 1st of December 2022

C de V

[1] See the introduction of Vicychl's dictionary for a list of these major works including Crum's *Coptic Dictionary* (Oxford, 1939), Černý's *Coptic Etymological Dictionary*, Cambridge University Press (Cambridge, 1976) and Westendorf's *Koptisches Handwörterbuch* (Heidelberg, 1977).

PREFACE TO THE SECOND EDITION

'A noir, E blanc, I rouge, U vert, O bleu, voyelles,
Je dirai quelque jour vos naissances latentes'.

Six years have elapsed since the first publication of the present dictionary[2]. At the time the author faced severe family and health hardships with the result that the text of the first edition could not be reviewed or proofed as he would have wished, resulting in many typos and the need for a number of amendments or corrections in the text. This second edition of the dictionary not only corrects them, but is moreover different. Not only a number of footnotes and addenda have been added to support the initial text, but the number of words with digraphs/diphthongs has doubled because the author learnt to recognize them better and added variant writings using them which he found in the Thesaurus Lingua Aegyptiae. Whereas, the hieroglyphs across its 442 pages have been retyped by the author using Serge Rosmorduc's wonderful JShesh software and its beautiful font.

Two important appendices, moreover, have been added at the end of the dictionary:

Appendix 1 shows how Ancient Egyptian expressed vowels, regardless of the new discoveries and advances presented in this book. This particularly for foreign names and terms, dispelling further the common misconception that vowels are never expressed in the hieroglyphic script.

Appendix 2 presents a number of late period Roman and Greek cartouches with the names and title of Greek and Roman rulers, some of which the author discovered unexpectedly on September 12th and 13th 2022 while visiting the temples of Esna and Edfu, as well as others upon his return in London. In them appear unequivocally, to express the vowels of these names and titles, some of the digraphs/diphthongs presented six years ago. These cartouches are incidentally not only a good entry point to recognize these digraphs/diphthongs and understand their existence[3] in the hieroglyphic script, but also realize that they are a very central and integral part of the complex writing system that the Ancient Egyptians devised to express their language, including to express its vowels.

As mentioned above, a number of digraphs/diphthongs had not been recognised by the author in a few words listed in the first edition of the dictionary. In particular the rarer *wy* and *ww* forms (see Table 5, p. 17), forcing a recalculation of the digraphs' statistics. It was incidentally very satisfying, in the course of editing this new edition of the dictionary to see so many words alternatively written with their respective equivalent *ȝy* and/or *ȝw*. Clean equivalences which further validate the reading of these combined phonemes as digraphs/diphthongs, and their phonological value as expressing 'o/au' types of vowels or sound.

Finally, the discovery of what seems to be a tenth digraph/diphthongs, i.e. *ꜥy*, was unexpected. In view of the very few words found using this digraph, the author had not spotted it during the initial round of vocalisation in 2013/14. More more words will need to be found to confirm its existence just as is still the case for digraph/diphthong *iꜥ* (see Table 5).

[2] The top ranking university of Italy, ie the Scuola Normale of Pisa, was the first to recognize the content of this publication and integrate it in its critical bibliography for Ancient Egyptian ("Mnamon. Ancient writing systems in the Mediterranean. A critical guide to electronic resources": https://mnamon.sns.it/index.php?page=Risorse&id=32&lang=en). It incidentally also singled out the author's article entitled ''*New Method to Vocalize Ancient Egyptian Based on Specific Offering Texts of a Poetic Nature*' on its web page about Ancient Egyptian texts, alongside *Lingua Aegyptia* and Carl Peust's *Egyptian phonology: an introduction to the phonology of a dead language*, Göttingen, 1999: https://mnamon.sns.it/index.php?page=RisorseLingua&id=5&lang=it . Article in which a first vocalisation system was presented in 2014.

[3] The discovery of the digraphs/diphthongs was communicated on May 15th, 2015 to the Perpetual Secretary of the Académie des Inscriptions & Belles Lettres (Paris, France), copy of the letter of which can be found on the author's Academia.edu page under the title ''*Official letter deposited on 05-05-15 at the Académie des Inscriptions et Belles Lettres concerning advances on the vocalisation of Ancient Egyptian*'. The discovery of the Greek and Roman cartouches presented in Appendix 2 communicated to the presidents of the British Academy and Royal Society (London) in emails dated September 20th, 2022.

FOREWORD

The content of this book treads deeply on *terrae incognita*e, with the result that fewer citations to previously published scholarly works are referenced. The reason for this peculiar situation, aside from the surprising general lack of interest of Egyptologists into the phonology of Ancient Egyptian (see footnote 5 below), is that this study presents a methodology to vocalize Ancient Egyptian which was empirically self-developed by the author in the course of his research. Hence one relying on the internal analysis of previously unidentified linguistic shifts and rules between Ancient Egyptian and Coptic, which are detailed here for the very first time.

The book presents the result of applying this vocalizing methodology to a corpus of 1795 Ancient Egyptian words which were drawn from Werner Vycichl's dictionary. This vocabulary constitutes the "*Vocalised Dictionary of Ancient Egyptian*", and a major leap in our knowledge of the Ancient Egyptian language as we have practised it ever since the first main steps in the phonetics of the hieroglyphic script were made during the early nineteenth century by Johan David Åkerblad and Thomas Young, and the subsequent discovery of the base principles of the hieroglyphic system by Jean Francois Champollion between 1822 and 1828. Script believed to show only consonants and semi-vowels, but no vowels (see footnote 12).

Since that time, several attempts[4] have been made to resituate these invisible vowels and vocalize Ancient Egyptian, but so far - as pointed out and summed up by Müller [5] - with next to no marking results and certainly no coherent system. If it was otherwise, vocalizing principles would appear in Ancient Egyptian grammars and be used widely to vocalize the language of the pharaohs. This is not the case, and the term 'vocalisation' itself is missing in many leading studies on the Ancient Egyptian language. Ancient Egyptian has hence remained unvocalised since nearly two hundred years and its sonority, particularly that of its poetry, has remained unknown.

In 2014 however, the author presented a breakthrough article entitled "*New Method to Vocalize Ancient Egyptian Based on Specific Offering Texts of a Poetic Nature*"[6]. A novel methodology[7] based, as indicated in the title, on internal poetic analysis, and using Coptic as a verification agent to reveal the vowels not shown by the hieroglyphic script but used by the Ancient Egyptian language when spoken or read. This article created an unexpected precedent as for the first time, not only one but three ancient Egyptian poetic quatrains of a similar structure were nearly completely vocalised allowing to hear Ancient Egyptian as it may have been pronounced. As the 'poetic internal analysis' reconstructing methodology is however an extremely complex method to use, in 2013 the author embarked himself in developing a second more rapid methodology to vocalise Ancient Egyptian. One based, this time, on the evolutionary linguistic shifts which exist between Ancient Egyptian phonemes and Coptic ones. Using critically[8] Prof. Werner Vycichl's well known *Dictionnaire éthymologique de la langue Copte*, the author dismantled over fourteen

[4] See a summary of the main ones in: Allen, J. 2020 Egyptian Phonology. Cambridge University Press. Appendix A Previous Studies, p. 181-194. Most follow Sethe's semitic and *Verbum* approach to the vocalisation of Ancient Egyptian.

[5] As conveniently summarized by Müller, M. in: *Ägyptische Phonologie? Möglichkeiten und Grenzen linguisticher Modelle bei der Beischreibung des Lautsystems einer extinkten Sprache*. In Verbovsek, A. & al. (eds.) 2011 Methodik und Didaktik in der Ägyptologie. Wihelm Fink Verlag, München: 509 – 531. The following statement apparently expresses the position of many Egyptologists regarding the phonology of Ancient Egyptian and explains the lack of progresses made in the topic: '*Eine recht häufig anzutreffende Einschätzung ist, dass die Beschäftigung mit ägyptologischer Phonologie (im besten Fall) selbstreferentiell bzw. Zeitverschwendung sei* [72]. *Mit Sicherheit kann manche/r auf ein erfülltes (und zufriedenes) Ägyptologenleben zurückblicken, ohne jemals von der Problematik tangiert worden zu sein* ['A fairly common assessment is that dealing with Egyptian phonology is (in the best case) self-referential or a waste of time [72]. Some people can certainly look back on a fulfilled (and contented) life as an Egyptologist without having to ever be affected by the problem']. Whereas the footnote attached on the same page to this excerpt states: '[72] *Zu bemerken auch am rapiden Teilnehmerschwund anlässlich dieser Sektion. Indes führen Diskussionen über ägyptische Phonologie auch in einem linguistischen Rahmen offenbar bei der Mehrzahl der Zuhörer zu spontaner Narkolepsie, wie jüngst anlässlich der Crossroads IV Tagung in Basel zu beobachten war* [[72] *Also noticeable in the rapid drop in participants for this section. However, discussions of Egyptian phonology, even in a linguistic context, apparently lead to spontaneous narcolepsy in the majority of listeners, as was recently observed at the Crossroads IV conference in Basel* (p. 523)].

[6] *Armenian Egyptology Centre Fundamental Research Paper* No. 2: 1-24 (2014). Available for download on Academia.edu.

[7] The validity of the methodology and its results for the vocalisation of three quatrains was validated, from the outset, by Prof. Bernard Mathieu (CNRS, France), one of the very few specialists of ancient Egyptian poetry and metrics, in two letters dated 13.01.2013 and 14.02.2014. Published extracts of the first letter can be seen in one of the newsletters of the former Armenian Egyptology Centre of which the author was the director from 2006 to 2014: https://www.academia.edu/2449061/AEC_Egyptology_Newsletter_No._26_January_23_2013). Prof. Mathieu considered the principle of the system as '*perfectly legitimate*' (p.2) and the procedure as '*extremely promising*' (p.3).

[8] *Dictionnaire étymologique de la langue Copte*, Peeters, Leuven; 1983. Many of Vycichl's etymologies seem to the author far-fetched. This is perhaps due to his extensive linguistic erudition (particularly in relation to African languages) and his lack of understanding of the vocalisation of Ancient Egyptian. One unequivocal value of W. Vycichl's book however resides in the very extensive and, in this respect, truly surprising number of Coptic/pharaonic etymologies which he has been able to compile using various sources, or equate himself. Number far more numerous than could commonly be assumed upon opening his book, but not surprising considering that Coptic takes it source directly into Ancient Egyptian.

months of sustained research between September 2013 and November 2014, each and every single phoneme of the selected 1795 Ancient Egyptian ancestors of the Coptic words which Vycichl listed in his dictionary; thereafter to compare them to the similarly dismantled phonemes of these very same Coptic words. This, until empirically series of shifts imposed themselves as evidence and allowed the full re-vocalisation of each Ancient Egyptian word examined in their base undeclined form (infinitive for the verbs for example). Resulting in the fundamental discoveries and the dictionary presented in the following pages.

There is no doubt that the vocalisation of Ancient Egyptian is still in its infancy. Many years of research will be necessary to vocalize the corpus of words which has reached us from pharaonic Egypt, i.e., more than twenty-five thousand words. But the vocalisation of the first few thousand words will allow us to vocalize over 90 percent of texts and inscriptions, if not more. Hence the 1795 words presented in this dictionary will already allow many texts 'to speak' to us. In this respect, when one starts vocalizing ancient Egyptian words, once cannot go back to 'reading' hieroglyphics by inserting random 'e's between consonants, as so far used by Egyptology. The author now in fact resituates vowels not only for the vocalised words listed in this dictionary, but instinctively applies the base rules describe in it for Ancient Egyptian words which have not yet been vocalised. With the results that reading is not only more fluid, but exposes the vocalisation of many words for which we do not have a Coptic equivalent or for which one has not yet been established. Alternative writings often confirming the reconstructed vocalisation which in the future, and in a very few instances already in this dictionary, could be indicated by an asterisk *, as used for example by philologists for the reconstructed words of Proto or now Pre-Proto Indo-European. With time, as new evidence ascertains the exact vocalisation of these words, this asterisk could be dropped. Hence the next stage of vocalisation of Ancient Egyptian, aside from finding more Coptic etymologies, will be to assign these base principles to as many Ancient Egyptian words as possible. This temporary theoretical pronunciation will not only be better than inserting 'e's between consonants but will reveal the true nature of many words, which can then be cross verified by other methods.

INTRODUCTION

By the age of five, and even more so when he reached adulthood, an Ancient Egyptian was fluent with his language. We can surmise that the extent of his vocabulary depended on the social class he belonged, and the degree of literacy, or not, which he had. If the pharaonic language could have survived into the twentieth century, we can equally imagine that as for many other languages an ethno-linguist could have transcribed it into phonetics using the International Phonetic Alphabet (IPA). Then we would have had, whether the language would have subsequently vanished or not, a very precise knowledge of how the language sounded, and how it was spoken - dialects included. Obviously historical circumstances have made it impossible for such recording of the pharaonic language ever to take place and the precise sonorities of this language were lost, and hence became unknown.

Many centuries later when Christianity took over and the ancestral pharaonic language was expressed by the Greek alphabet expanded with six to eleven[9] newly created Egyptian letters - to express sounds specific to this language. It had already endured so many evolutionary linguistic shifts and incorporated so many foreign vocabulary additions that to a pharaonic Egyptian the Coptic language would have essentially sounded very different. Essentially different but not totally as, as this study reveals, a large portion of the pharaonic vocabulary passed phonetically unchanged into Coptic - unlike is presently widely thought. The latter constituting one of the major discoveries of the present study and one which the author would frankly never have expected to find when he started the present research. Whereas the other part of this pharaonic vocabulary - that which changed phonetically - endured such recognisable phonetic shifts, when known, that it is clearly identifiable in the corpus of Coptic words. To the point that we can also surmise that had an Ancient Egyptian scribe been fictitiously allowed to time travel to Coptic times and examine that corpus he would have very easily equally recognized them, i.e., his own pharaonic vocables.

The notion of an absolute true albeit vanished phonetic form of the Ancient Egyptian language should always be borne in mind. Phonetic forms, plural, the author should say, as the Ancient Egyptian language in fact endured very many evolutions across the millennia during which it was practised (Old Egyptian, Middle Egyptian, Neo-Egyptian, etc., accompanied by the parallel Early, Middle and Late Hieratic and Demotic scripts). If we further take into consideration that each of these evolutionary stages were expressed across the Nile Valley by many dialects, then one may reasonably surmise that Pharaonic Egyptian, like Coptic later, had in history indeed an array of such phonetic forms. This should be borne in mind at all times, as not only do many pharaonic texts let us have a glimpse of these forms and dialects, but the many vocalised variants of many words presented in this dictionary clearly reveal or betray them. This may be very confusing at first to the reader as he will discover that each digraph/diphthong can be expressed by combinations of up to four Coptic vowels. This seems to reflect the difficulty many Coptic scholars faced to express the Nilotic language of their ancestors with letters tailored for one of the oldest and distinctive branch of Indo-European languages, i.e., Greek. Moreover, these variants writings most probably express the different phonetic ears they had and the local dialect they spoke, at a time when the idiom of each of their city probably had distinct features. As for example most London dialects currently do. Let alone the whole of the United Kingdom where the range of British dialects and the phonetic distance between some of them is simply phenomenal.

Finally, the title of the present dictionary could in fact have been '*A theorized* Vocalized Dictionary of Ancient Egyptian'. Indeed, at this stage all the vocalized Ancient Egyptian words here presented should be taken as theoretical as only time and verification will establish them as definite. In other words, as truly reflecting the way (or ways, as pronunciations varied according to periods) Ancient Egyptians pronounced them. This is not to say however that the vocalizations presented here are only theoretical. The author believes them to be either right or essentially so, with of course some hiatuses, doubts, un-resituated vowels and phonologies in need of amendments. The reader will however quickly understand that the vocalization system follows phonetic rules and shifts which are far more precise than anyone could have imagined at the beginning of the project. At this stage of the research, this is what matters. 'Precision in vocalisation will gradually impose itself' the author wrote in the first edition of this book. The discovery of the digraphs/diphthongs in the Greek and Roman cartouches presented in Appendix 2, and their impact on the IPA chart of page 22, already shows this.

[9]The exact number of additional letters depending on the dialect, ultimately stabilizing to six or seven.

The present dictionary is built on the first fundamental albeit surprising discovery, based on the analysis of the 1795 words listed in Part I to III, that:

1. The phonetic distance between a substantial number of Ancient Egyptian words and their Coptic descendants is in a great many instances far less than thought, and in equally numerous cases simply: null.

In other words, many Coptic words **are phonetically near-identical or even simply phonetically identical** to their ancestral pharaonic form.

It is equally built on the second fundamental discovery that:

2. Ancient Egyptians were far more proficient to write the phonetics of their language than could ever so far have been imagined.

And in this respect, we have clearly gravely underestimated their capabilities. This is first demonstrated by the number of different types of vowels listed in Table 4 (p. 15). But far more so by the author's new and unexpected third fundamental discovery that:

3. **The hieroglyphic script uses digraphs, i.e., two phonemes to express a third different one, to express 'complex' vowels as for diphthongs** (see Table 5, p. 17).

These digraphs, which change considerably our reading of Ancient Egyptian**,** have seemingly laid unseen before our very eyes for nearly two centuries[10]. One possible way to explain that they had not been identified earlier is that Egyptologists (the author included) had not systematically paralleled Ancient Egyptian and Coptic words to detect them, as they are fully present in the form of diphthongs in the Coptic language. Parallel comparenda executed by the author over more than a year until the existence of each of them established itself as a certainty, because typified by clear cut and unequivocal key examples (again see Table 5). Now complemented and validated in this second edition by the digraphs/diphthongs found in Greek and Roman cartouches (see Appendix 2 at the end of this book).

This is also to be said of the discovery of the peculiar and fundamentally important '*ôw*' sound of the Ancient Egyptian language (see page 54), the first *ô* part of which is invisible while the *w* glide is not, i.e. it is visible. Sound used in particular for the formation of the plural ['*ôw*'[è]' and which Egyptologists will discover for the first time in this study, although it is common knowledge to Coptologists. A sonority which is phonetically declined or accentuated in a variety of ways in Ancient Egyptian and evolved in Coptic in a number of varying sounds. Sounds themselves expressed phonetically in Coptic - to make things more complicated - in a variety of forms[11]. This possibly because Coptic scholars like their ancestral Egyptian scribes were possibly at loss to express the subtleties of this difficult sound and its variations depending on word-root location. This too has not been seen and is a major addition to our functioning understanding of the language. These latter linguistics additions changing fundamentally our reading and perception of Ancient Egyptian. There is no doubt that Coptic phonetics, vocabulary and grammatical structure have evolved considerably from Ancient Egyptian, with a clear agglutinating evolution and, for its phonetics, a simplification of its phonemes. But this evolutionary path is characteristic of the pharaonic language from the earliest of times, and possibly started before the invention of writing. Invention which most likely furthered its evolutionary process until reaching the, in fact, rather odd Coptic compounded phraseology which we know, and one with which students of this language may sometimes not get so easily accustomed.

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[10] Interestingly in Vycichl's dictionary (p. 37) *iw* is understood to be pronounced '**ϵ**' or '**ⲁ**' in Coptic, i.e., as two different phonems producing a vowel, depending on circumstances which he admits are not fully understood: '*Nous ne savons pas pourquoi iw se prononce e- (SB) comme préfixe du circonstantiel et e- (S), a (B) au second présent*'). But the notion of 'digraph/diphthong', which he could have referred to, is nowhere to be found. Whereas Gardiner states in his Egyptian Grammar, under the chapter ''*Defective and superfluous writings*' that: '*Conversely a superfluous w is inserted in* *i(w)f 'flesh', 'meat', Coptic showing that if is to be read*' (Gardiner, 1979: 52). The *w* is of course not superfluous but an integral part of *iw* (see page 15) and the term *'iwf'* 'flesh' is in fact vocalised page 112.

[11] **ⲃⲉⲣⲱⲟⲩ ⲃⲉⲣⲱϩⲛ ⲃⲣⲱϩⲛ ⲃⲉⲣⲉⲱⲛ** 'coriander' is a blatant demonstration of how the phonetics of a Coptic word may be declined with different phonemes, producing ultimately phonetic variations which may be approximatively expressed with Latin letters as follows: bèrshèoo, bershéoo (ou (oo) abbreviated as u), brshéoo (idem), bèrèshéoo (idem). Understanding the existence and omnipresence of this phonetic variability is of the utmost importance where vocalisation is concerned.

As vocalization proceeded the author became gradually familiar with the original sonorities of the pharaonic language and realized that the way he had practised Ancient Egyptian for more than 35 years is more than artificial[12]: it is clearly faulty and incomplete. In other words, the transliteration system used by Egyptology is but a convention expressing only a part of the phonology of the hieroglyphic script, rather than remotely reflecting the original and full phonological dimensions of the pharaonic language, as it was heard or spoken. Of course, Ancient Egyptians subtracted – for reasons unexplained - many vowels from their language but as this study shows for the first time, they were in fact the easy ones: the open vowels 'a' and 'o' mainly - another fundamental discovery. While and as this study shows they could fully express more complex vowels with digraphs/diphthongs. Unlike us they knew since childhood their language by heart and could thus resituate these vowels within the consonantal skeleton as Israelis do with Hebrew today, and if it was for most of them not easy at least was it certainly a question of habit. This and as this study also shows fewer vowels are missing per word than is thought. Statistics showing that 55% of the words listed miss only one single vowel - yet again another fundamental discovery revealed by the present research.

What precedes does not seemingly apply to Demotic where a different parallel vocalisation system seems to have been put in place. It is in fact as if the sacred writing, found on temples or other religious contexts since the dawn of Ancient Egyptian civilization, was canonically frozen in its expression at a very early age. One may perhaps wonder if the orthography was not considered as emanating from the gods, and hence unchangeable. This early canonization of the Ancient Egyptian vocabulary may explain why foreign words could (later?) be introduced in the language under different vocalisation rules (see page 38). Vocalization system different from that used in Demotic and allowing any foreign word to be immediately spotted because, unlike for Demotic, in words of foreign origin often ALL or nearly all of the phonemes, including vowels, are expressed. Which is not always the case in Demotic where the open vowels 'o' or 'a' are not always shown, perhaps because Demotic is still too close to its sacred 'hieroglyphic' form. It must be pointed out that Demotic has been of no less crucial importance than Coptic during this research for the vocalisation of Ancient Egyptian terms. In fact, the cross-examination of all three phonetic expressions for any given word, that is whenever each form is available, has repeatedly elucidated or consolidated the final vocalisations.

Demotic, as an intermediary stage of the language, bridges Ancient Egyptian and Coptic in a logical manner which, once understood, dissipates doubts as to the original pronunciation of any Ancient Egyptian term. Its importance for the future improvement of the vocalisation of any hieroglyphic term, and perhaps more so for the syntaxic functioning of the Ancient Egyptian language, is promising and cannot be stressed enough; this even if Demotic reflects its own evolutionary stage of the language of the pharaohs. Hence where Demotic is further concerned a completely different parallel vocalisation system was apparently put in place where the semi-vowels *ꜣ, i/y* or *w,* in fact often express, but not always, the open vowels 'a', 'i' and 'o'. Allowing, as has just been said, to bridge and/or confirm the vocalisations of Ancient Egyptian and Coptic.

The reasons for this situation may have had to do with simplification and may have ultimately opened the way to the idea of adopting the Greek alphabet with complementary phonemes to produce the Coptic one. The latter being a pure albeit important speculation, in need of demonstration. Finally, it must be said that without vocalization no full grasp of a language may exist. This does not only concern base vocabulary, but also the names of divinities such as Isis or Osiris which are suddenly better understood. Or the name of locations such as Dendera or Naucratis which suddenly appear meaningful. This is also why Ancient Egyptian poetry has in fact been closed to us, despite attempted 'translations 'which may be more or less successful in meaning, but in all logics must be failures where poetic

[12] Gardiner (1979:26) states concerning the convention of inserting an e between consonants to 'read' Ancient Egyptian that: '*But it must never be forgotten that the vocalizations thus provided are purely artificial makeshifts and bear little or no relation, so far as the vowels are concerned, to the unknown original pronunciations as heard and spoken by the Egyptian themselves*'. He thereafter opens his Appendix A entitled 'The Vocalization of Middle Egyptian' as follows: '*The purpose of this book being the practical teaching of hieroglyphics on scientific lines, it has been deemed advisable to avoid the extreme difficulty and hypothetical questions connected with the vocalization of the ancient language. From the very outset we have laid stress upon the fact that the vowels are not written in the hieroglyphs; the consequence of this fact is that our consonantal transliterations resemble desiccated skeletons of words far more than the living, vibrating sounds of real speech'* (Gardiner, 1979: 428). Whereas he starts his Appendix B about the 'Transcription of Egyptian proper names saying: '*The absence of vocalization in the hieroglyphic script has the irritating consequence that there can be no fixed norm for the transcription of proper names'*. The practice of inserting an e *in lieu* of the vowels has remained the standard practice until this day, J.P. Allen stating for example: '*As you can see from the preceding sections, Egyptian and Coptic had many sounds that do not occur in English. Egyptologists normally pronounce the consonants with their closest English equivalents (only the most fastidious actually try to pronounce them as they think the ancients might have)…Because hieroglyphs do not preserve the original vowels of Egyptian words, Egyptologists normally put a short e (as in met) where necessary between consonants other than æ, j, y, and w'* (Allen, 2014 *Middle Egyptian, An Introduction*. Cambridge, CUP. p. 18). '*Not until Coptic did the ancient Egyptians use a writing system that regularly indicated the vowels as well. For earlier stages of the language— including Middle Egyptian—we are left with only the skeleton of Egyptian words, although we can reconstruct the vowels of some words from Coptic...The inventor (or inventors) of hieroglyphic writing ignored the vowels and concentrated only on the consonants'* (Allen, 2014: 15-28 & 29-42).

expression is concerned as the vowels, hence a great part of the sonority, are missing. This will become apparent to the reader when he will acquaint himself with the vocalised vocabulary presented in the present dictionary. And where digraphs/diphthongs are concerned, it is quite clear that when Ancient Egyptians suddenly replaced their hieroglyphic script to the Coptic alphabet, they did not also adopt and/or invent new sonorities for their language. Hence the diphthongs of the Coptic language express sounds which were in the Ancient Egyptian language since immemorial times and were written in the latter language with similar or near corresponding hieroglyphic signs.

IMPORTANT NEW CONVENTIONS

To vocalise the author first had to slightly modify the commonly used *Manual de codage*[13], as presented in Table 1 (below). For the complex phonemes, like the digraphs/diphthongs, the author deemed it necessary to indicate the International Phonetic Alphabet (IPA) phonological equivalents, or at least nearest when doubts subsist. At this point, it needs to be reminded that Egyptology does not use IPA to transliterate Ancient Egyptian. The lengthy reasons for this, in which the author will not delve, are essentially historical as well as technical and/or matter of consensus.

Table 1. Modifications of the *Manuel de Codage* for vocalisation

Hieroglyphic	Transliteration	'Manuel de Codage'	{Vocalisation}	Reasons
	i	I	**æ, y**	See the table below dealing with the semi-vowels.
	ꜣ	A	***a*** *(guttural)*	See the table below dealing with the semi-vowels.
	ḫ	x	**kh** *(guttural)*	'x' is confusing as may be read as an 'x' as in Alix
	ḥ	X	**ħ**	'X' is confusing as may be read as a capital 'x'.
	s̈	S	**sh**	'S' is confusing as may be read as a capital 's'.
	ṯ	T	**tch**	'T' is confusing as may be read as a capital 't'.
	ḏ	D	**dj**	'D' is confusing as may be read as a capital 'd'.

The author also had to develop a set of new conventions and it is necessary for the reader to get acquainted with them if he intends to use this dictionary. Hence:

- A vocalised term is announced by **{:**. The author uses this convention to announce a vocalisation in the text but not in the dictionary.
- **Phonetic reconstructions**, including for invisible vowels, but also comments or corrections **in brackets '[...]'**, wherever they occur, **are by the author**. This includes corrections of established transliterations which are far numerous than thought.
- Compound phonemes, digraphs/diphthongs in particular, are shown between parentheses, i.e. {x}.
- The shift of a phoneme is expressed by '=', i.e., **'r = ⲗ'** means that Ancient Egyptian 'r' has changed into Coptic 'ⲗ'.
- An Ancient Egyptian phoneme which has been dropped in Coptic, i.e., which has disappeared is indicated in Column F by a '=' sign + closed double brackets '**[]**', i.e. as '[x phoneme] = []'. For example, '***ꜣ*** = **[]'** means that *ꜣ* has disappeared / been dropped in its Coptic descendant / equivalent.
- A term preceded or followed by an asterisk '*' is a reconstructed form by the author, and hence one not attested. This convention is not new where linguistic is concerned and in fact common to the field of language reconstruction.
- **V/C/T stands for the ratio of missing vowel(s) (V), versus the number of consonants (C) and the total number of phonemes per term (T).**
- **Compound phonemes such as digraphs, set between brackets {}, are counted as ONE phoneme in the V/C/T ratio,** as they express **ONE** Ancient Egyptian sound. In this respect one must always base oneself on the number of phonemes which composed each ancient Egyptian word AND NOT the number of signs which were used to express these phonemes because Ancient Egyptian could use two signs to express a single phonetic sound. This is important for the statistics as the classification of words must be made in the absolute number of expressed sounds in any word and not by the number of its signs. This is confirmed by Coptic which expresses the sounds and not the signs, and hence simplified the phonetic expression of the Ancient Egyptian language by clearing it of the typological 'confirmation' signs, i.e., the determinatives. Language precedes writing, a fundamental point to bear in mind. Hence the base of the 'pharaonic' language existed long before the hieroglyphic system was invented. Sounds which formed words were first passed from generations to generations orally over extremely long period of times, perhaps

[13] http://www.catchpenny.org/codage/

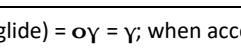
millennia, i.e., by word of mouth or in scientific terms: phonetically. These sounds formed the absolute expression of the language. What scribes attempted to do when they created the hieroglyphic system was first to capture these sounds and - what is specific to Ancient Egyptian - frame them with additional ideographic signs to express their nature (with determinants for example but not only). It remains that the absolute original phonetics of the language remained within the system and it is on this notion that we should not only base the phonetic reconstruction of the pharaonic language but also of Coptic phonology. With the use of the Coptic alphabet the language was obviously cleared of ideographic signs and symbols. Gone were the lively flora and fauna, among other aspects, which composed the script and reflected life in the Nile valley at the times of the pharaohs. Times, which with the arrival of the far more austere Christian theology and morality, fundamentally changed how Ancient Egyptians perceived their world. What remains beyond fascination is how the initial founders of the hieroglyphic script, i.e., the first scribes, managed to frame their own perception of their world AND words and equally managed to prison it, literally, in a system as beautiful - and one knows how beautiful the hieroglyphic system is - as sophisticated.

- **Unless indicated otherwise <u>the corresponding Coptic term listed in column E (or 5) has EXACTLY the same meaning as its Ancient Egyptian ancestor</u>. This is of the utmost importance as the analysis of the phonetic shifts is based on this fundamental requisite**. This is why numerous terms listed in Vycichl's etymological dictionary were discarded by the author if the meaning of the Coptic word did not **<u>exactly or near exactly</u>** match the ancestral Ancient Egyptian one, or if the semantic shift seemed to him too far and/or simply far-fetched.
- **All terms are not verbs and usually substantives**; if the term is a verb parenthesis around a 'v' i.e. '(v.)' indicate it in column 5. Prepositions, pronouns, suffixes, are self-identifiable, hence no precisions on their nature are made unless necessary.
- **IE** means '**Indo European** [language/s]. In this respect whenever an Ancient Egyptian term has an equivalent in an Indo-European language or may be related to one, the author has added in Column D the following comment '[IE = [x Indo European language] ['meaning]]. There is no doubt thar these suggestions constitute the most speculative part of the dictionary, but by doing so the author wishes to challenge the traditional view that Ancient Egyptian is solely a Hamito-Semitic language, as he has already expressed elsewhere[14], but that additionally a very ancient base Indo-European layer exists in the Ancient Egyptian vocabulary. In fact, many comparenda with now vocalised Ancient Egyptian terms are highly disturbing, particularly where English is concerned. A situation which the author has also noticed for Gothic and which cannot be discussed here.
- **S** = 'S[emitic language(s)]'
- Unless proven otherwise, the shorter variant of any set of variant writings is taken as the younger form than its immediate older longer versions, this as languages (like plants in fact) evolve towards simplification. Hence for example the Demotic variants of 'ear' are classified in the following order: *msḏr msḏ^{e} msḏ.* This is also true for Coptic which tends to simplification. Hence the long vowels precede the short, which in turn precede the open and soft. For example the variants of 'harness' are classified as ⲛⲱⲗⲉⲃ ⲛⲟⲗⲉⲃ ⲛⲟⲩⲗⲃ. Whether this truly reflects a Coptic evolutionary reality the author does not know, and perhaps has it been said elsewhere. But the extended practice of vocalizing words has left the author to understand that ancient Egyptian digraphs /diphthongs and long vowels often changed in shorter and softer phonemes in Coptic, and this is a fact.
- The interchangeability of phonemes is indicated by a double headed arrow ⇔. Hence for example: [è]⇔ *iw*⇔{è} means that these three phonemes were used alternatively by scribes, here to express the same accentuation [è] which usually appears as ⲉ in Coptic.

[14]Several Ancient Egyptian numerals are cognates of Indo European or Proto Indo-European equivalents. *Armenian Egyptology Centre Fundamental Research Paper* No. 1: 1 -11; 2009. Ancient Egyptian Words Cognates of their Equivalents in Proto Indo European and Various Indo-European Languages? *Advances in Egyptology* 2: 1-63; 2011. The latter cited for example in JULIA, M-A Caede caput: sur l'étymologie de lat. caput 'tête'. *Revue des Études Latines* 93 (Sorbonne, 2017): 43-67 for pre-proto-Indo-European etymologies and referring to *tp*.

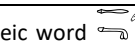
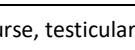
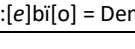
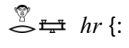
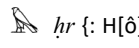
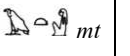
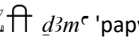
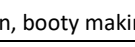
MAIN PHONETIC EQUIVALENTS AND SHIFTS BETWEEN ANCIENT EGYPTIAN AND COPTIC (AS PROGRESSIVELY ESTABLISHED AND COMPILED IN THE COURSE OF THE RESEARCH)

b = ⲃ = ⲃⲃ [accentuation] = ⲡ = ⲫ = ϕ = ⲟⲩ [latter three rare] = ⲙ?
ḏ = ⲧ = ⲧⲏⲏ = ⲧ = ⲑ = ⲍ = ⲥ [latter rare, ex: ⲍⲛⲟⲟⲩ = ⲥⲛⲱⲟⲩ 'beating area'; ⲍⲛⲟⲫ = ⲥⲛⲱⲫ 'basket' or ⲍⲗⲉ = ⲥⲗⲉ 'scorpion']
d = *t* (Demotic) = ⲧ = ⲧⲉ [latter if accentuated = d[*è*]]
f = ⲫ = ⲃ = ⲡ [latter rare]
g = ⲕ = ⲥ = ⲍ = ⲍⲉ [last three betraying accentuation as for ⲥⲟⲥⲛ ⲥⲟⲍⲉⲛ 'unguent'] = ⲧ [rare]
gs = ⲝ
h = ⲫ = ⲩ
ḥ = ⲫ =: = ϕ
ḫ = χ = χⲣ? = ⲫ = ⲱ (latter commonest shift) = ⲱⲉ [latter indicating accentuation as whenever the phoneme is followed by ⲉ = ⲫ = ⲩ [type word 'field']: ⲥⲱχⲉ ⲥⲱⲫⲉ ⲥⲱⲱⲉ] = ⲧ (very rare) = ⲗ
ḫ = ⲫ = ⲫ = ⲩ =χ [type word; ⲓ *ḫ,t* 'belly' = ⲫⲉ ⲩⲉ]; [note that *ḫ* = *š* in OK court language?; ex: *ḫꜥḳ* 'razor' = *šꜥḳ* 'razor' in OK court language?
k =*g* (Demotic) = ⲕ = ⲥ = ⲍ [type word *sḳɜ.t* [donkey] 'foal': ⲥⲛⲕ ⲥⲛⲥ ⲥⲛⲍ] = χ
m = *n* = ⲃ =ⲡ
*mꜥ = {mé} (accentuated 'm') = ⲙⲁⲁ = ⲙⲉ = ⲙ = ⲙⲟⲩ [type word: *mꜥšꜥ* {mé}sh*a* 'walk' = ⲙⲁⲁⲱⲓ ⲙⲁⲁϫⲉ
n = ⲛ [if duplicated, then accentuation. Ex: *tpnn* = ⲧⲉⲡⲛ 'cumin'= {tpn[*è*] or *nn* = ⲛ̄ as in *wnn* 'there is/be' = ⲟⲩⲛ̄] = ⲙ = ⲗ
n = *y* ⲓⲓ = ⲓ [law of Staub, in front of fricative]
p = ⲡ = ⲫ = ⲃ = ⲧ = ⲫ [latter two rare]
pw = ⲫ*?*
ḳ = *g* (Demotic) = ⲥ [type word: *ḳɜrti* stone of a precious nature, set in gold = ⲥⲗⲧⲉ]. *ḳ* = ⲕ = ⲅ = ⲥ = ⲍ [latter very rare]
r = *l* (& Demotic) = ⲣ = ⲗ = ⲓ [latter rare] = n?
s = ⲥ = ⲱ
š / = ⲱ = ⲫ = ⲩ = ⲫ [type word: *šmm* {: shm[ô]m 'warm up, become hot' = ⲫⲙⲟⲙ ⲩⲙⲟⲙ ⲫⲙⲟⲙ] = ⲥ [latter rare?]
ṯ = ⲧ = ⲧ = ⲥ [latter rare?]; note that in AE *ṯ* = *ḏ* occurred as early as the 22nd dynasty (type word *ṯm* (Pyr./OK) = *ḏɜmꜥ* (22nd dynasty) 'Djamé' (a locality)
t = ⲧ = ⲑ = ⲧ
ti = accentuated 't' = {tè} = ⲧⲉ = ⲧ = ⲧ [type: start of word: *trr* 'oven' = ⲧⲣⲓⲣ or at the end: *dw3ti* 'He of the Douat'] = ⲧⲉⲓ = ⲧⲏⲏ = ⲧⲏ = ⲧⲉⲉ [type word: *ḏbꜥ* = *tbꜥ* (Demotic) 'finger' = ⲧⲏⲏⲃⲉ ⲧⲏⲃ ⲧⲉⲓⲃⲉ ⲧⲉⲉⲃⲉ] ; exchangeable for *ty* but see under this reading for the specific phonetic value of *ty*
ty = t[*è*]ï [as in French 'bout**eille**'] [type word: *dw3ty* 'He of the Douat'] ; exchangeable for *ti* but see under this reading for the specific phonetic value of *ti*
w [glide as in 'water'] = = ⲟⲩ [type word: *w3w* w{Au}[*é*] ' pass; come' = ⲟⲩⲁⲉⲓⲉ ⲟⲩⲁⲉⲓ ⲟⲩⲟⲉⲓ ⲟⲩⲟⲓ] + , *wḥ*
w = {**[ô]w}** = ⲱⲟⲩ = ⲟⲟⲩ = ⲟⲩ = ⲱ **or {[ô]w[è]} if accentuated** = ⲟⲟⲩⲉ OR = ⲁⲁⲩ = ⲁⲟⲩ = ⲁⲩ = ⲩ OR = ⲏⲟⲩ = ⲏⲩ = ⲉⲉⲩ = ⲉⲩ [type words: *hrw* {: hr{[ô]w[è]} = after drop of the 'r' (as in Demotic *hw* {: h{[ô]w[è]} = ϫⲟⲟⲩⲉ ϫⲟⲟⲩ ϫⲁⲟⲩ ϫⲁⲁⲩ , *twt* {: t{[ô]w}t[è] assemble; be assembled = ⲑⲱⲟⲩⲧ or *ḥnw* {: Hn{[ô]w} pot = ϫⲛⲁⲁⲩ ϫⲛⲱ ϫⲛⲉⲉⲩ ϫⲛⲏⲟⲩ]

w (glide) = ⲟⲩ = ⲩ; when accentuated: *w*[*è*] = ⲩⲉ = ⲟⲩⲓ [type word:  *ḫ3w* {: khAw[*è*] altar = ⲭⲏⲩⲉ ⲭⲏⲟⲩⲓ] = ⲃ (rare)
y (= / *ii* glide) = ï = ⲏⲓ = ⲉⲓ [French 'eille': Type word: *y* {:ï Hey! (interjection), also *hy* {: h[a] ï 'hi' (French: salut!) = ⲭⲁⲉⲓ] = ⲉ = ⲓ = []
z = ⲥ

ꜥ = *a* i.e. a guttural phoneme close or equal to IPA 'ɒ' = ⲱ = ⲟ = ⲁ = ⲏ = ⲏⲏ = ⲏⲓ [pronounced 'a' as in certain Coptic traditions?] = ⲉⲓ = ⲉ = ⲓ rarely = ⲁⲉⲓ = ⲱⲉⲓ = ⲱⲓ = ⲟⲉⲓ = ⲁⲉⲓ [type words: ꜥ*d* {: *a*d 'grease, fat' = ⲱⲧ; ꜥ*nḳ* {: *a*nq 'flaw (of the flood)' = ⲱⲙⲕ or ꜥ*mḏ* {: *a*{mé}dj 'avert' (oneself from) = ⲱⲙⲭ]
3 = ⲉ [sound extremely close to ⲉ / 'è' as often used as an exchange phoneme to express final accentuation [è], hence also exchangeable with *ti* {tè} = *t3* 'the / these' (fem.) as *i* and *3* are also close phonologically.] = ⲉⲓ = ⲉⲉ = ⲓⲉⲓ (latter rare) = ⲱⲱ = ⲱ = ⲟⲟ = ⲟ = ⲟⲩ = [a] = ⲁ = ⲓ = ⲏ = [two latters very rare]; = also IPA ɛː because of Ancient Greek Εἰρήνη [eːréːnɛː] = *ḥyrn3.t* {: Hïr[é]nA i.e., 'Greek: Εἰρήνη, Eirēnē, [eːréːnɛː], lit. "Peace" = ⲭⲓⲣⲏⲛⲉ ⲉⲓⲣⲏⲛⲉ.
i = æ[15] (a sound very close to *iw* = {è} as a similar word may be written with either such *mni/mniw* 'moor) = ⲁ = ⲏ = ⲉ = ⲉⲓ ⲁⲓ = ⲩ = ⲓ (latter Demotic or rare) = ⲱ = ⲟ [type word *ip* {: æp *i* count = ⲟ = ⲱ = ⲉ]; rarely *i* may be substituted by the aspirated *ḥ* as for *ḥmz* {: Hmz[o] 'to sit' also written *ims* {: hæms[ô] with an aesthetic arrangement. Also exchangeable with *3* in *t3* 'the / these' (fem.) = *ti* {tè} in as *i* = {æ} and *3* = A are equally close phonologically. Survived in Coptic expressions such as ⲉⲓⲭⲉⲣⲟⲕ 'I say to thee' (ⲉⲓ + ⲭⲉⲣⲟⲕ) (V. 321) or ⲁⲓⲥⲱϩ 'I + write' ((ⲁⲓ + ⲥⲱϩ) (V. 204). 'me' as in Coptic ⲛⲙⲙⲁⲓ 'with me' (V: 120).
ii = {oo} = ⲟⲩ
ii = ⲉⲉ
ii = ï (glide y = French 'ille') = ⲓ
iiw = *ii* = {[*é*]{oo}} because of ⲱⲣⲏⲩ*?*

15 Phoneme also used for the so-called 'yod prothétique' i. In some studies, it is transliterated as some kind of '*e*'. See for example Mathieu, B. *L'emploi du yod prothétique dans les textes de la pyramide d'Ounas et son intérêt pour la vocalisation de l'égyptien ancien*. BIFAO 96: 313-337; 1996.

[a] = ⲁ [type word *znḥm* {: z[a]n[è]Hm 'locust' = ⲥⲁⲛⲛⲉⲉ]⇔ *s3nḥm* {: sAn[è]Hm
[è?] [aspirated kind of 'e' expressed in Coptic as 'ⲉⲉ' and found in the onomatopoeic word  {:[è]{*â*}] 'donkey' = ⲉⲉⲱⲟⲩ ⲉⲟⲟⲩ ⲉⲉⲉⲩ]
[*è*] [often expressing an accentuation of the previous phoneme] = *ɜ* [type word  *isw.t* {: æsw[*è*] 'burse, testicular' = Demotic *ɜsw3.t* {: AswA = [*ⲁⲥⲟⲩⲉ] ⲁⲥⲟⲩⲓ] = ⲉ = ⲉⲉ = ⲓ
[*e*] = schwa = [ ] = ⲁ [type word:  *bi.t* {:[*e*]bï[o] = Demotic *iby* {: æby[o] 'honey']
[é] = ⲏ = ⲁ
[*ē*] = ⲏⲏ = ⲉⲉ [type words: Demotic *hbt.t* {:hb[ē]t[*è*] = ⲫⲃⲏⲏⲧⲉ or Demotic *ḫfll* {: H[a]fl[*ē*]l[*è*] 'lizard' = ⲫⲁⲫⲗⲉⲉⲗⲉ]
[o] = ⲟ
[ô] = ⲱⲱ = ⲱ [type word  *ḥr* {: H[ô]r = ⲫⲱⲣ ⲫⲟⲣ ⲫⲣ or  *ḥr* {: H[ô]r 'Horus' = ⲫⲱⲣ ⲫⲁⲣ ⲫⲣ] = ⲟⲟ = ⲟ = ⲉⲉ = ⲉ [type word Demotic *ḳby* {: k[ô]bï = ⲕⲟⲟⲃⲉ ⲕⲉⲉⲃⲉ] = ⲏ? Exceptionally the diphthong = ⲁⲩ = ⲁⲁⲩ [see below; type word  *mt* (not *mw.t,* unless *mɜw.t*) {: **m[ô]**]'mother'= ⲙⲁⲩ ⲙⲁⲁⲩ] = ⲁ (latter rare?) = []
[ō] = ⲱⲱ = ⲱ = ⲟⲩⲟⲩ = ⲟⲟ = ⲁⲁ = ⲉⲉ [type words:  *ḏ3mˁ* 'papyrus sheet' = ⲭⲱⲱⲙⲉ ⲭⲱⲙ ⲭⲟⲩⲟⲩⲙⲉ [long {oo} through duplication] ⲭⲟⲟⲙⲉ or  *kfˁ* {: k[ō]f*a* 'abduction, booty making' = ⲕⲱⲫⲉ ⲕⲱⲃⲉ ⲕⲟⲟⲃⲉ ⲕⲁⲁⲃⲉ ⲕⲉⲉⲃⲉ]
[oo] = ⲟⲩ

DIGRAPHS/DIPHTHONGS

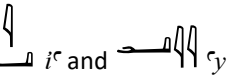
417 words listed in this dictionary (including variant writings) use at least one digraph/diphthongs[16], and in one case up to three[17]. Nine different digraphs were originally found producing nine diphthongs[18], in three main phonetic groups. However, while editing this new edition of the dictionary, a small number of words seem to reveal a tenth digraph, ie .

The digraphs/diphthongs discovered may hence be listed as follows:

Eight well attested across the vocabulary of the dictionary.

- *i3* and *iw*
- *ꜥ3*, *3ꜥ* and *ꜥꜥ*
- *3y*, *3w* and *wy*

And two more possible ones, for which more evidence will need to be found in the future using a larger corpus of Ancient Egyptian words with Coptic etymologies:

- *iꜥ* and  *ꜥy*

IMPORTANT: In this new edition of the dictionary, digraphs/diphthongs are indicated in the standard transliteration by parenthesis { }. This allowing to identify digraphs/diphthongs and ease their reading.

[16] Unlike for the first edition a percentage cannot be here given, as the total of words using digraphs (417) also includes alternative writings. The author has not counted the total of words included in this dictionary, but the percentage of the 199 words with digraphs/diphthongs presented in the first edition was 11%.

[17] k{o}r{ă}sh[i]r{è} Calasiries (lit. 'small child (of Syria)' = Late period class of warriors (with the Hermotybies) according to Herodotus. Note the use of three digraphs in this foreign word.

[18] Strictly speaking a diphthong is produced by two vowels. As the diphthongs presented here are produced by semi-vowels or alternatively semi-consonants the author prefers to refer to them as 'digraphs/diphthongs' until their nature is better determined. Furthermore, technically 'diphthong' refers to the sound whereas 'digraph' refers to the combined signs/letters which produce the sound, i.e., the diphthong, what is ultimately produced in Ancient Egyptian or Coptic and which the above table lists.

{i3}	{ä}	ε	ⲓⲁ, ⲁ, ⲉⲓⲁⲁ, ⲉⲓⲉ, ⲉⲉⲓ, ⲉⲓ, ⲉ, ⲓ, ⲱ, ⲱⲱ, ⲟⲟ, ⲟ or ⲟⲩ	**Digraph corresponds to IPA Open-mid ɛ or very close.** Type words: *{i3}ft* {: {ä}fd = ⲉⲓⲫⲧ ⲉⲫⲧ ⲓⲫⲧ ⲱⲫⲧ ⲟⲫⲧ 'nail' = alternative writing *{i3}d.t* {: {ä}d[*è*] = ⲁⲧⲉ 'net' *{i3}bt* {: {ä}bt = ⲉⲓⲉⲃⲧ ⲉⲉⲓⲃⲧⲉ 'eastern' *{i3}b.t* {: {ä}b[*è*] = [*ⲓⲁⲃⲉ] ⲓⲁⲃⲓ ⲉⲓⲁⲁⲃⲉ 'bad smell'
{iw} Or	{è}	Æ	ⲉ, ⲉⲓ also ⲏ, ⲁ or ⲟⲩ*?*	**Digraph corresponding to IPA Near-open æ or very close; equally very close to *i* as a similar word may be written with either.** Type words: *{iw}* = {è} = as subsisting in ⲉⲓⲱⲡⲉ ⲉⲓⲱⲡ ⲉⲣⲟⲡⲉ = *{iw}=s ḥpr* *mn{iw}* {: m[a]n{è} = ⲙⲁⲛⲉ 'shepherd' *mn{iw}* {: m[ô]n{è} = ⲙⲟⲟⲛⲉ ⲙⲟⲛⲓ 'moor' *{iw}s.t* {: {è}s[è] = ⲏⲥⲉ ⲏⲥⲓ 'Isis' Exchangeable with *3.*
{ʿ3} = =	{â}	?	ⲱ, ⲱⲱ, ⲟ, ⲁⲩ, ⲁⲁⲩ, ⲁⲁ, ⲁ and in one case even ⲉⲓ	**Digraph expressing a guttural? 'o/a' type of vowel as yet unidentified,** close to IPA 'ɒ', and seemingly close to the braying of the donkey because used for the onomatopoeic name of the donkey: {:[è]{â}] 'donkey' = ⲉⲣⲱⲟⲩ ⲉⲟⲟⲩ ⲉⲣⲉⲩ]. It perhaps also ended with a glide or vibration '*w*' as in English 'b{ow}el' as it is also expressed in this onomatopoeia as ⲱⲟⲩ / ⲟⲟⲩ = {ôw}/{ôoo} or ⲉⲩ = {èoo}. The sound must also be close to long *33* as it is exchangeable with it, as for example in *Δ* *ḳ33* 'vomit' = *Δ* *ḳ3ʿ* 'vomit'[19] **Type words:** *ʿ3* {: {â} = ⲱ or ⲟ 'big' *fʿ3* {: f{â} = ⲫⲱ ⲫⲱⲓ 'hair lock' *{ʿ3}b.t* {: **{â}b[è]** = ⲱⲃⲉ

[19] Wb 5, 7.5-16

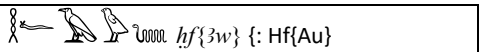
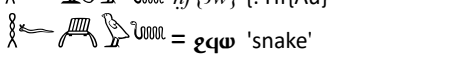
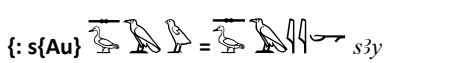
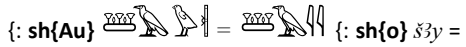
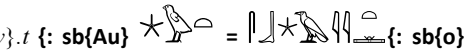
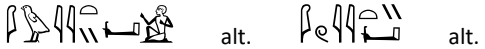
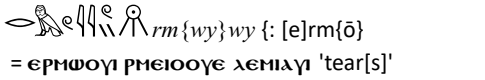
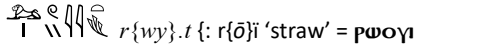
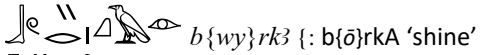
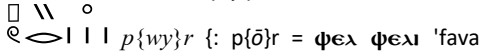
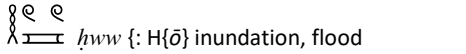
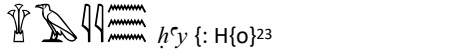
				'offering' in ⲧⲱⲃⲉ ⲧⲱⲃⲓ 'Tybi' (lit. 'the offering', the fifth month of the year). {ʿȝ}*n* {: **{*â*}n =** ⲁⲁ 'pebble' Exchangeable with digraph ꜵ = {ō} as phonologically close, and also *ȝy* as for 'pebble'.
{ȝꜥ} 	{Ã}	?	ⲁⲁ, ⲁ, ⲱ, ⲟ, ⲏ, ⲏⲓ, ⲉ, ⲁⲉⲓ, ⲟⲉⲓ [the latter four very rare]	**Guttural? 'a' type of vowel close to or perhaps equal or near IPA 'ɒ' as yet unidentified.** Type words: *ḫ*ȝꜥ {: kh{Ã} = ⲕⲁⲁ ⲕⲁ ⲭⲟ ⲕⲱ ⲭⲁ 'throw' *m*ȝꜥ {: m{Ã} = ⲙⲁⲁ ⲙⲁ ⲙⲉ ⲙⲟⲩ 'place, location, bank' *š*ȝꜥ {: sh{Ã} [= Demotic s*a*] = ⲱⲩⲁ ' begin' ʿȝ*n* {: {Ã}n = ⲏⲛ (known to be pronounced in Coptic as 'an') 'baboon' Exchangeable with digraph ꜵ = {ō} as phonologically close.
{ꜵ} 	{ā}	?	ⲁⲁ, ⲁ, ⲱ, ⲟ and rarely ⲁⲉ ⲁⲓ ⲉⲉⲓ ⲉⲓ ⲉⲉ ⲉ	**Digraph expressing a long type of guttural sound close to IPA ɒ** Type words: ʿ*m* {: {ā}m = ⲁⲁⲙ '**A**am (unidentified plant)' ꜵ*f* {: {ā}f[*è*] 'wring out' = ⲱⲫ ⲱⲫⲉ ⲱⲫⲓ ⲟⲫ ⲉⲫ *sn*ꜵ {: s[*è*]n{ā} = ⲧⲛⲛⲟ ⲧⲉⲛⲛⲟ 'grind' Exchangeable with ʿȝ = {*ô*} as phonologically close.

{ȝy} Or Or Or Or \\	{o} Former {ô} in 1st edition.	O	ⲁⲩ = ⲁⲓ = ⲁⲉⲓ = ⲁⲓⲉⲓ = ⲉⲩ = ⲉⲓ = ⲉⲓⲉ = ⲉⲉⲓ = ⲏⲉⲓ = ⲟⲉⲓ = ⲟⲓ = ⲟⲩ = ⲟⲟ = ⲟ = ⲱ = ⲏⲟⲩ = ⲏⲩ = ⲏ	**Digraph expressing IPA close mid o or very close, close to Greek omicron ó** as used to express Arsinoe (Αρσινόη) in a Edfu cartouche (see Appendix 2) and equivalent to Coptic monophthong **ⲱ** (particularly for foreign words). But phonologically closer to Coptic diphthong **ⲁⲩ**, although also expressed in an array of ways as shown in the next left column. Type words: *d{ȝy}* {: d{o} = **ϯⲁⲩ** pronounced as 'dāw' by modern Copts (V. 207) *Gbt{ȝy}*[21] {: G[è]bt{o} = **ⲕⲉⲃⲧⲱ** 'Coptos', i.e. Qift. *sb{ȝy}.t* {: sb{o} = **ⲥⲃⲱ ⲥⲃⲟⲩ** 'teaching' *š{ȝy}s* {: Sh{o}s = **ⲯⲱⲥ** 'bedouins' *ḏ{ȝy}* {: dj{o} = **ϫⲟⲓ** 'boat' *t{ȝy}* {: t{o} = **ⲧⲁⲓ ⲑⲁⲓ ⲧⲉⲓ** ‹this one (fem. = French: 'celle-ci') Digraphs *ȝy* and *ȝw* (next in the table) are commonly substituted for one another: *m{ȝy}* {: m{o} = *m{ȝw}* {: m{Au} = **ⲙⲟⲩⲓ** 'lion' NB. Onomatopoeias of the bellow of a lion
{ȝw} or More rarely or or	{Au} **Former {ô} in 1st edition.**	ɔ	ⲁⲁⲩ, ⲁⲩ, ⲁⲓ, ⲱ, ⲟ, ⲟⲩ, Rarely: **ⲏⲟⲩ, ⲏⲩ** Once: **ⲱⲟⲩ** for *ȝw* {Au} 'large'	**Digraph expressing IPA monophthong mid ɔ or very close**, sometimes with a glide w as in English to be 'in awe' /ɔː/ or 'raw' /rɔː/. **In later times equal or close to Greek diphthong αὐ or Latin diphthong au**, as in αὐτοκράτωρ and Classic Latin 'Autocrator' with falling diphthong /au̯/ [22]. Type words: *š{ȝw}* {: sh{Au} = **ⲯⲁⲩ** 'weight' *h{ȝw}* {: h{Au} = **ϩⲁⲁⲩ** ' day' *k{ȝw}r* {: q{Au}r[è] = '**ⲥⲁⲩⲣⲉ** carrier' *t{ȝw}š* {: t{ô}sh = **ⲧⲱⲯ ⲧⲟⲯ** 'frontier' *z{ȝw}* {: [a]s{Au} = **ⲁⲥⲟ** 'protect, guard '

[20] Rare writing/disposition found in the cartouche of emperor Trajan (Beckerath, J. (von) 1999 Handbüch der ägyptischen Königsnamen. Philip von Zabern: 259 (T1).

[21]Not 'He of Coptos' ['der von Koptos] as indicated in Wb 5, 163.2 or the Thesaurus Linguae Aegyptiae (thereafter TLA; http://aaew.bbaw.de/tla/servlet/TlaLogin). Not knowing about the existence of digraphs/ diphthongs these sources take the *y* as a genitive, when it is the god and not the town which is referred to: (See TLA DZA 30.639.290 for this, and other similar writings or variants of the god's name).

[22] The discovery of the Roman cartouches (see Appendix 2) confirmed what was suggested in the first edition of this dictionary that this digraph expressed IPA mid o or very close, as IPA o is indeed one level up IPA ɔ.

 Rarely Probably 				 *ḥf{ȝw}* {: Hf{Au} =  **= ϩqω** 'snake' Exchangeable with *ȝy* (below) as phonologically close. For example: *z{ȝw}* **{: s{Au}**  *sȝy* **= s{o} ⲥⲟⲓ** 'beam, baulk' *t{ȝw}* **{: t{Au}** **{: t{o}** *tȝy* = **ⲧⲁⲓ ⲑⲁⲓ ⲧⲉⲓ** ‹this one' *š{ȝw}* {: **sh{Au}**  {: **sh{o}** *šȝy* = **ⲱⲁⲓ ⲱⲟⲓ** 'destiny; hazard' *sb{ȝw}.t* **{: sb{Au}**  **{: sb{o}** *sb{ȝy}.t* = **ⲥⲃⲱ** **'**teaching, education'
{wy} Or Or Or Or 	{*ō*} = {ô}?	?	**ⲱ, ⲱⲟⲩ, ⲟⲩ, ⲉ,** Rarely: **ⲏⲟⲩ, ⲏⲩ ⲏⲓ**	**Digraph expressing a sound close to open-mid back rounded vowel IPA: [ɔː]** as used to express the long omega ω of Nero's name in Greek in a cartouche (see Appendix 2), i.e., Νέρω.; a digraph seemingly only appearing during Dyn. XVIIIth and XIXth]. Type words:  alt. alt. *š{wy}ty* {: [*e*]sh{*ō*}t = **ⲉⲱϩⲱⲧ ⲉⲱⲟⲧ ⲱⲟϯ** 'shopkeeper'  *rm{wy}wy* {: [e]rm{ō} = **ⲉⲣⲙⲱⲟⲩⲓ ⲣⲙⲉⲓⲟⲟⲩⲉ ⲗⲉⲙⲓⲇⲩⲓ** 'tear[s]' *ḥmȝm{wy}ti* {: HmAm]{*ō*}{tè} = **ϩⲙⲟⲩ** 'salt'  *r{wy}.t* {: r{*ō*}ï 'straw' = **ⲣⲱⲟⲩⲓ**  *b{wy}rkȝ* {: b{*ō*}rkA 'shine'  *p{wy}r* {: p{*ō*}r = **ⲫⲉⲗ ⲫⲉⲗⲓ** 'fava bean' [French ' fève', Arabic 'ful'] This digraph may be an alternative of *ȝy* with which it is exchangeable as well as *ȝw*. For example:  *ḥww* {: H{*ō*} inundation, flood which can be written alternatively with digraph {*ȝy*}:  *ḥʿy* {: H{o}[23]

[23] Wb 3, 13.9

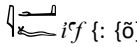
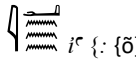
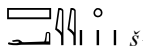
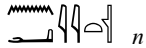
{*iʿ*} 	{õ}	?	ⲉⲱ, ⲉ, ⲓⲱ, ⲱ, ⲓⲟ, ⲟⲟ, ⲟ, ⲁⲁ ⲁ and for one word ⲉⲓⲁⲁ ⲉⲓⲁ ⲓⲁ ⲉⲓⲏ. The latter four variants only recorded for one word. The wide range of variants seems to indicate that scribes had great difficulties expressing this phoneme.	Digraph seemingly expressing a long [guttural] 'o' type of sound to be identified. Type words: *iʾḥ* {: {õ}H 'moon' = ⲉⲱϩ ⲓⲱϩ ⲓⲟϩ ⲟⲟϩ ⲁⲁϩ  *iʿf* {: {õ}f 'wring out, twist, re-twist' = ⲱⲫ ⲱⲫⲉ ⲱⲫⲓ ⲟⲫ ⲉⲫ; *iʿr* {: {õ}r[*è*] 'board, go up' = ⲱⲗ ⲱⲗⲓ ⲟⲗ and  *iʿ* {*:* {õ} 'wash' = ⲉⲓⲁⲁ ⲉⲓⲁ ⲓⲁ ⲉⲓⲏ
{*ʿy*} *=?* 	{*õ*}	?	ⲟ ⲟⲓ ⲟⲩⲟⲩ ⲉ ⲉⲓⲱ ⲁⲓⲱ ⲁⲉⲓⲱ Also, for one word (palm tree rod): ⲁⲉ ⲁⲉⲓ ⲁⲓ ⲁ ⲏ	Digraph seemingly expressing an open 'o' type of sound to be identified. Type words:  *š{ʿy}* sh{*õ*} 'sand' = ⲯⲟ *šʒm{ʿy}* {: dirty water = ⲯⲱⲙ [metathesis]  *n{ʿy}.t* {: n{*õ*} 'pole' = ⲛⲁⲉⲓⲱ [*b{ʿy}*] {: b{*õ*} 'palm tree rod' = ⲃⲁⲉ ⲃⲁⲉⲓ ⲃⲁⲓ ⲃⲁ Seemingly also: *m{ʿy}rkʒbw{ti}* {: m{*õ*}rkAb{[ô]w}{tè} 'chariot of war' = ⲙⲉⲣⲉⲥⲱⲟⲩⲧⲥ

Chart of Ancient Egyptian vowels across the IPA vowel chart with audio.

The following chart summarizes the phonetic equivalences for the above listed Ancient Egyptian vowels. Note that the digraph {*wy*} is omitted as its phonology and hence place is uncertain although probably fitting somewhere in the bottom right area of the chart. As far as the author is aware this chart is the first of its kind in Egyptology.

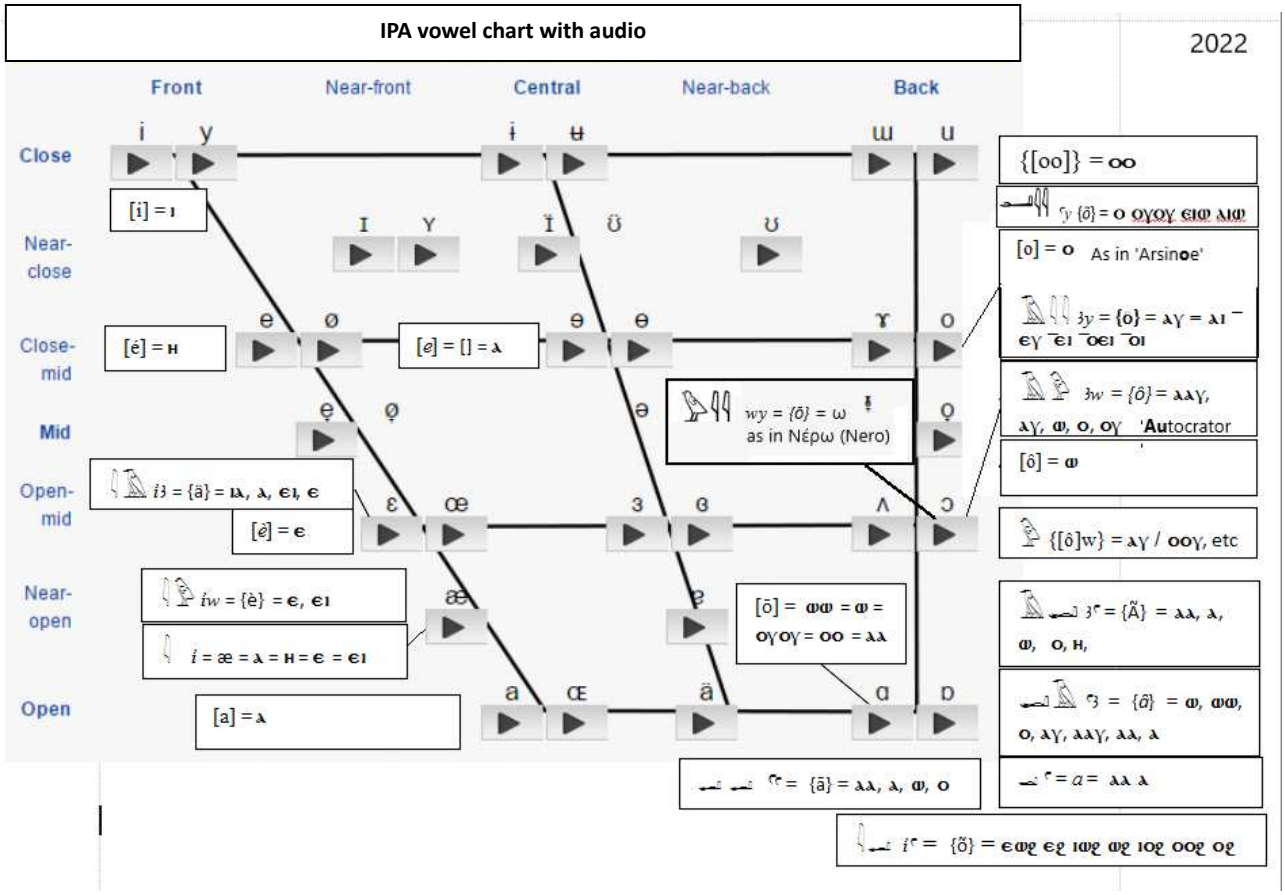


Fig. 1 Distribution of Ancient Egyptian full vowels, semi-vowels and digraphs/diphthongs across the IPA monophthong vowel chart with audio (https://en.wikipedia.org/wiki/IPA_vowel_chart_with_audio). Revised 2022 version with *ꜣy* now linked to IPA o, and *ꜣw* and *wy* to IPA ɔ thanks to the closer phonetic links made with the Greek and Roman cartouches (see page 19, as well as Appendix 2). Whereas the newly discovered digraph *ꜥy* is situated tentatively near IPA o as expressed as **ⲟ** in Coptic. The precise phonology of the latter digraph *ꜥy*, as well as of *ꜣꜥ*, *ꜥꜣ*, *ꜥꜥ* and *iꜥ* is still to be defined.

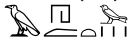
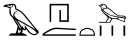
TYPE EXAMPLES OF VOCALISATION

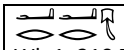
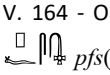
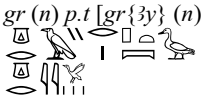
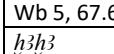
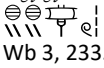
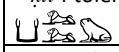
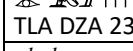
Type 1: Onomatopoeias

Onomatopoeias are particularly useful to show how Ancient Egyptian expressed, with the hieroglyphic script, sounds which surrounded them and which they have used to name beings or objects. In this respect it must be remembered that each nation expresses those sounds according to its national ear.

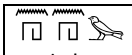
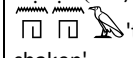
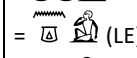
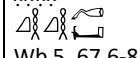
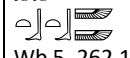
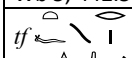
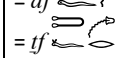
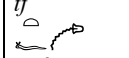
The author found 37 onomatopoeias out 1795 studied words, hence only 2 % of these. Many of these words, attempting imitations and transcriptions of animal shrieks or else, are probably very ancient and take their origins in prehistory. They do not hence express the usual sonorities of the Ancient Egyptian vocabulary. They are listed by their vocalisation (column B):

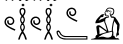
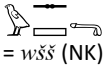
Table 6: Onomatopoeias

Ancient Egyptian	Vocalisation	English	Source Vycichl, Period, Coptic variants and notes
ꜣ [{*ꜣ*}] Wb 1, 165.6-11 = *ꜣ* (Demotic)	**[*e*]{*â*}**	donkey [sound of the donkey's braying, as in French 'hi-han']	V: 60 -? = ⲉϩⲱⲟⲩ ⲉⲟⲟⲩ ⲉϩⲉⲩ [onomatopoeia (French: hi-han) reproducing the bray of the donkey, the sound of which seems to have changed during Coptic times]
my.t [*mii.t*] Wb 2, 42.4.7	**[è]m{oo},** **Plural. *èm{ô}w[è] / èm[o]{oo}[è]**	cat [sound of the cat's miaw]	V: 42 - MK = ⲉⲙⲟⲩ ⲁⲙⲟⲩ pl: [*ⲉⲙⲱⲩⲉ] ⲉⲙⲱⲩⲓ ⲉⲙⲟⲟⲩⲉ
ihm Wb 1, 118.20-22 = *ꜣhm.t* (NK)  Wb 1, 12.8	**æh[ô]m / Ah[o]m**	mourn; suffer [most likely the sound of a sigh]	[Close to] V: 22 - MK = ⲁϩⲟⲙ 'sigh' [close to  'pain '] [Close to] V: 22 - Dyn. 18 = ⲁϩⲟⲙ 'sigh' [close to 'mourn']
bin.t = *byn.t* Greek Wb 1, 444 = *bn.t* Wb 1, 457.5-10	**b[o]in[è] / b[o]ïn[è]**	harp [reproducing the sound of ropes being hit, as in French 'boing"]	V: 26 - OK = ⲃⲟⲓⲛⲉ [onomatopoeia?] ⲟⲩⲱⲓⲛⲓ (TLA)
ꜣgbgb [*ꜣgb*] Wb 1, 22.17	**Agb ['gb' accentuated by duplication?]**	shiver [onomatopoeia similar as French 'glagla'?], shudder	V. 252 - OK = Related to ⲟⲃⲃ 'shiver' (n.)
ꜥmꜥm Wb 1, 186.9	***Am*a*m***	devour (n.) [sound of mastication such as 'miam, miam'?]	V: 43 - Late period = ⲉⲙⲓⲙ
ꜥmꜥm [*ꜥmꜥm.w*] = *ꜥmꜣm.w* Wb 1, 186.10 = *mꜥm* (Demotic) = *ꜥrꜥr* (Ptol.)	***a*m*a*m / *a*mAm / *ara*r**	shrew, shrewmouse [from *ꜥmꜥm* 'devour' as the shrew eats twice its weight daily].	V: 43 - NK = ⲉⲙⲓⲙ ###

 Wb 1, 210.7			
bw.t Wb 1, 453.7-454.7	**b[é]{[ô]w}**	disgust, abomination; lie, sin; thirst [as in French 'beurk']	V: 33 - OK (Pyr) = ⲃⲏϒ
brbr Wb 1, 466.1	**brbr / b[è]rb[è]r**	boil [sound of boiling water as in French 'bloup, bloup']	V: 30 - Ptolemaic = ⲃⲣⲃⲣ ⲃⲉⲣⲃⲉⲣ
fs(y) Wb 1, 551.5-552.5	**f[è]s**	Cook [sound of something whistling as in English 'fizzy'?]	V. 164 - OK = ⲫⲉⲥ ⲫⲓⲥⲓ. See also  *pfs(y)*
gngn Wb 5, 177.12 = *ḏnḏn* 	**gngn / g[é]ng[é]n / djndjn / dj[é]ndj[é]n**	lute (or similar) [the sound of the ropes, as in French onomatopoeia 'zingzing']	V. 343 - Ptolemaic = ⲟⲛⲟⲛ ϫⲛϫⲛ ϫⲉⲛϫⲉⲛ
gr (n) p.t [gr{ȝy} (n) p.t]  = *grmp* Wb 5, 181.2 = *grmp* (Demotic)	**gr{o}-[n]-p[é] /** **gr[o]mp[é]** **['p' accentuated]**	dove [lit. [bird (of the) sky] [IE = Latin 'colomba' or French 'colombe']. 'gr{o} 'is probably an onomatopoeic equivalent of French '**roucoul**er', itself an onomatopoeic verb imitating the cry of pigeons or doves.	V. 346 - Neo Eg. = ⲥⲣⲟⲟⲙⲡⲉ ⲃⲉⲣⲟⲙⲡⲉ ⲥⲣⲟⲙⲡⲉ ϫⲣⲁⲙⲡⲓ
hmhm Wb 2, 490.9-17 = *hmhm* (Demotic)	**h[è]mh[è]m ['h' accentuated]**	scream, roar; scream, war cry (n); thunder (n) [sound of the roaring thunder]	V. 302 - MK = ϩⲉⲙϩⲉⲙ ϩⲙϩⲙ. See also *nḥmm* 'roar'.
khkh = *ḫḫḫ*  Wb 5, 67.6-8	**k[a]HkH / q[a]Hq[a]H**	cut, mould; hammer [sound of something hitting something, as in English or Armenian 'gump']	V: 92 – ? = ⲕⲁϩⲕϩ ⲕⲁϩⲕⲁϩⲧ 'mould, smooth, flatten, etc..'
ḥȝḥȝ = *ḥyḥy*  Wb 3, 233.17 = *šš* (Demotic)	**khAkhA / khïkhï**	winnow [sound of some winnowing instrument?]	V. 275 - OK = ϩⲱϩ ϣⲱϣ ϣⲉϣ
Ḳrr Wb 5, 61.5-6 = *ḳrr* (Demotic) = *ḳll* Ptolemaic 	**kr{[oo]}r / kl{[oo]}l**	frog [croak of the animal, as in French 'croa, croa', i.e. croasser[24]]	V: 84 – Neo Egyptian = ⲕⲣⲟⲩⲣ ϧⲣⲟⲩⲣ
mȝi [m{ȝy}] = *mȝw [m{ȝw}]*  TLA DZA 23.679.920	**m{o} / m{Au}**	lion [Onomatopoeias of a bellowing lion]	V: 109 – NK (OK?) = ⲙⲟⲩⲓ
nhnh Wb 2, 282-285 Seemingly related to *nhnh*	**n[è]hn[ô]h / n[è]hn[oo]h / n[è]hn[ô]hA**	shake, agitate [sound of shaking?]	V. 152 - Ptol. = ⲛⲉϩⲛⲟⲩϩ ⲛⲟϩⲙ

[24]This answering Peust's question as to the uncertain etymology of the term. Peust, C. 1999 *Egyptian phonology: an introduction to the phonology of a dead language*. Göttingen, p. 241.

 'shake, quake' and also *nḥnḥ3* (MK)  'to be shaken' Wb 2, 286.6			
ngng = =  (LE) No WB? Van der Molen, Dictionary of Coffin Texts, 252 (TLA)	**n[ô]gn[ô]g**	cry, [shriek] (of the goose or of the falcon (sic)]	V. 153 - ? = ⲛⲟⲩⲛⲟⲩ
nhmhm Wb 2, 286.3-4	**nh[è]mh[è]m [only 'nh[è]m' because of accentuation by duplication?]**	roar [of the sky lions]	V: 101 – ?. = ⲗⲉⲙ. See also *hmhm*
ppy	**p[a]p[o]ï**	chick [sound of the chirp of the chick, as in French 'piailler']	V. 161 - (Demotic) = ⲡⲁⲡⲟⲓ also 'little chicken' or 'chicken'
ḳḳ Wb 5, 71.11	**q[oo]q q[ô]q? (because of *ḳḳpt* below?).**	Cuckoo? (bird) [IE = French 'coucou'?]	V: 75 - NK (Dyn. 20) = ⲕⲟⲩⲕ
ḳḥḳḥ  Wb 5, 67.6-8	**q[a]Hq[*è*]H**	hammer [sound of the hammer hitting a surface?]	V. 333 - MK = ⲕⲗⲉ̄ⲉ ⲭⲗⲉⲭⲉ ⲭⲗⲉⲭⲉⲉ ⲭⲉⲉⲭⲱⲉ also 'emboss; beat; grind (teeth)'
ḳḳpt	**q[ô]q[ô]p[a]t /q[oo]q[oo]p[a]t /**	hoopoe? (bird) [IE = hoopoe? Name present in many IE, S or other languages]	V: 74 – (Demotic). = ⲕⲱⲕⲱⲡⲁⲧ ⲕⲟⲩⲕⲟⲩⲫⲁⲧ
ḳrmrm	**qrmrm**	whisper [sound of whispering as in French 'murmurer' or Armenian 'խշշng' 'khshshots']	V: 86 - (Demotic) = ⲕⲣⲙⲣⲙ ⲭⲣⲉⲙⲣⲉⲙ ⲕⲗⲉⲙⲗⲉⲙ
ḳsḳs	**qsqs / q[a]sq[è]s**	whisper, to [Idem as above]	V: 86 - (Demotic) = ⲕⲁⲥⲕⲥ ⲭⲁⲥⲕⲉⲥ
šmšˁkˁ	**sh[*e*]msh*aka***	whistle [sound of whistling as in Armenian 'unլիչ' 'sulich']	V. 251 & Vieira: 245 - (Demotic) = ⲯⲙⲯⲛⲟⲉ
š-llwl [=? **rrwr*]	**sh-l[oo]ɬ{[ô]w}l/ [ô]sh-l[oo]ɬ{[ô]w}l**	shout [lit. cause to [make some] screams of joy; clearly an onomatopoeia similar to the Arab 'youyou']	V: 97 & 251 - (Demotic) = ⲯⲗⲟⲩⲗⲁⲓ ⲱⲯⲗⲟⲩⲗⲁⲓ 'to push screams, jubilate, acclaim' = ⲱⲯ + ⲗⲟⲩⲗⲁⲓ 'cause + screams (ⲗⲟⲩⲗⲁⲓ 'screams' n.)
tbtb  Wb 5, 262.14 = *dbdb* Wb 5, 442.5-15	**t[a]bt[è]b? / d[a]bd[è]b?**	tongue moving (in mouth) [chew?]; move	V. 219 - Late = ⲧⲁⲡⲧ
tf  = *df* = *tf*  Wb 5, 297.9	**t[a]f / d[a]f / tch[a]f**	saliva [sound related to the term below]	V: 41 = Crum: 55 - OK (Pyr) = ⲧⲁϥ
tf  = *tf* Wb 5, 297.6-8	**t[ô]f**	spit (to) [similar to the popular Armenian interjection of spit or disgust '*toof*'?]	V: 59 - OK = ⲑⲟϥⲧⲉϥ 'fall drop by drop' = ? *dfdf* 'to leak' or *tftf* name of protective deity of Osiris.

ṯ{ȝw} = Wb 5, 350.12-352.29	**Tch{Au}? (DIA?)**	wind, breath, air [sound of a blow of wind]	V: 14 - ? = ⲧϩϒ from ⲁⲛⲯ–ⲧϩϒ 'breathe" (v.) derived from *ṯ{ȝw} n ʿnḫ* 'breath of life' ; also *ʿnḫ m ṯ{ȝw}* 'to live from the air". Also in ⲧⲟϒⲣⲏⲥ 'southern wind [lit. wind [of] south] (V. 178)
ṯltl	**tltl / t[è]lt[è]l**	drop [sound of water dripping as in Armenian 'կաթիլ' 'ka**t'il**']	V. 214 - (Demotic) = Related to ⲧⲉⲗⲧⲉⲗ ⲧⲗⲧⲗ 'drop; make drop' (v.)
whwḥ  Wb 1, 351.10	**w[a]Hw[a]H**	bark (of a dog) [as in French 'ouah, ouah']	V: 34 & 242 - Neo Eg. = ⲟϒⲗⲉⲃⲉϥ ⲃⲉⲉⲃⲉⲉ; V. also gives equivalents in Arabic
wfȝ = *wfy* Wb 1, 306.3 = *wf* (Demotic)	**w[o]fA / w[o]f ï / w[o]f[è]**	lung [sound of a [lung] heavy breathing or wind blow such as produced by a bellow]	V. 241 - NK = ⲟϒⲟϥ ⲟϒⲟⲃ
wsr = *wsȝ.t* (NK) = *wȝsi* (NK) Wb 1, 358.10-14 = *ws* (Demotic)	**w[ô]sr / w[ô]sA / wAsæ / w[ô]s[è] ['s' accentuated]**	saw [sound of the saw cutting wood?]	V. 237 - NK = ⲟϒⲓⲥⲉ (TLA) ⲟϒⲓⲥⲓ ⲟϒⲉⲓⲥⲉ
wzš  = *wšš* (NK) Wb 1, 357.16-20	**wz[i]sh / wsh [accentuation by duplication, in this case probably to elongate 'sh' to emulate the sound of urination]**	urinate [sound of urination such as in English 'piss' or Armenian 'schischig']	V: 68 - OK (Pyr) = ⲓⲯ

Among these thirty-seven onomatopoeias five of them exhibit reduplication[25] as for their Coptic equivalent.

Table 7: Onomatopoeias with reduplication

Ancient Egyptian	Vocalisation	English	Source Vycichl, Period, Coptic variants and notes
brbr Wb 1, 466.1	**brbr / b[è]rb[è]r**	boil [sound of boiling water as in French 'bloup, bloup']	V: 30 - Ptolemaic = ⲃⲣⲃⲣ ⲃⲉⲣⲃⲉⲣ
gngn *Wb 5, 177.12* = *dn̲dn* 	**gngn / g[é]ng[é]n / djndjn / dj[é]ndj[é]n**	lute (or similar) [the sound of the ropes, as in French onomatopoeia 'zingzing']	V. 343 - Ptolemaic = ⲟⲛⲟⲛ ϫⲛϫⲛ ϫⲉⲛϫⲉⲛ
hmhm *Wb 2, 490.9-17* = *hmhm* (*ḏemqtiś*)	**h[è]mh[è]m ['h' accentuated]**	scream, roar; scream, war cry (n); thunder (n)	V. 302 - MK = ϩⲙϩⲙ ϩⲉⲙϩⲉⲙ. See also ⲛϩⲙⲙ 'roar'.
Ḳrmrm	**qrmrm / qr[è]mr[è]m**	whisper,to	V: 86 - (Demotic) = ⲕⲣⲙⲣⲙ ϫⲣⲉⲙⲣⲉⲙ ⲕⲗⲉⲙⲗⲉⲙ
ṯltl	**tltl / t[è]lt[è]l**	drop [French: 'goutte']	V. 214 - (Demotic) = Related to ⲧⲉⲗⲧⲉⲗ ⲧⲁⲧⲗ 'drop; make drop' (v.)

What must be noticed for the above Ancient Egyptian onomatopoeias is that their Coptic equivalents present two types of variants for each term:

1 - One showing the 'ⲉ' vowel, the equivalent of French 'è' (i.e., the 'accent grâve') and/or of IPA ‹ɛ›, and

2 - One <u>not showing</u> this 'ⲉ', i.e., the term is written with only the consonants.

This although both variants express the very same sounds and meaning.

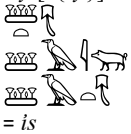
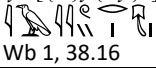
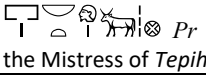
The stress is shown in Coptic on ⲉ whereas in Ancient Egyptian it is usually not. Usually, but not always, as is demonstrated in the chapter below dealing with stress / accentuation. This very important notion of 'hidden' / 'non expressed' (by a sign) vowel is a characteristic of Ancient Egyptian, and of course its ultimate form, Coptic.

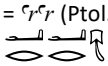
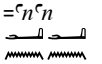
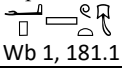
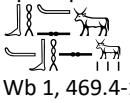
[25] Morphological process in which the root or stem of a word (or part of it) or even the whole word is repeated exactly or with a slight change.

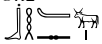
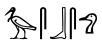
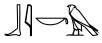
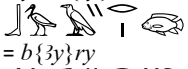
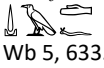
ANIMAL NAMES

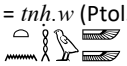
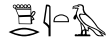
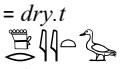
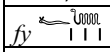
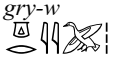
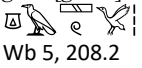
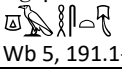
As has just been seen, many animal names are clearly onomatopoeic and probably very remote of origin and age. It hence seems interesting to list the 99 animal names found in this dictionary. Note that some of these terms are already listed in the previous table dealing with onomatopoeias. The table is organised according to column C as vocalisation groups related terms phonetically in an effective and meaningful way. Names such as {: w[ô]nsh (= wolf), kA (= cow), b[o]Ꜧ), b[a]Hz / b[a]Hs (= bull, Latin 'bos'), [e]sh{Au} (= sow), are so reminiscent of their Indo-European counterparts that this could not be left unstated. Whereas {: {Ã}n (= baboon), h[è]b[ô]ï (= Ibis) and g[a]m{[ô]w}l (= camel) and g[a]Hs[*è*] (= gazelle) are probably African or Asian imports into Indo-European languages. For {: gAsh[è] / g{[ô]w}shæ (= goose) this remains to be established.

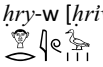
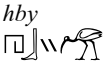
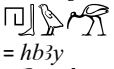
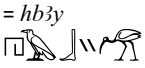
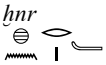
Table 8: Animal names

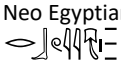
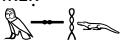
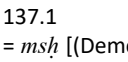
Ancient Egyptian	Vocalisation	English	Source Vycichl, Period, Coptic variants and notes
dšr Wb 5, 487.9	**[a]d[é]sh[i]r**	flamingo (*Phoenicopterus roseus*)	V: 48 - ? = ⲁⲧⲏⲱⲓ
ꜥȝ [*{ꜥȝ}*] Wb 1, 165.6-11 = *ꜥȝ* (Demotic)	**[è]{*â*}**	donkey [onomatopoeia (French: hi-han) reproducing the bray of the donkey, the sound of which seems to have changed during Coptic times]	V: 60 - ? = ϵⲉⲱⲟⲩ ϵⲟⲟⲩ ϵⲉϵⲩ
my.t [*mii.t*] Wb 2, 42.4.7	**[è]m{oo},** **Plural. *èm{[ô]w[è]}**	cat (female; 'chatte' French) [sound of the cat's miaw]	V: 42 - MK = ϵⲙⲟⲩ ⲁⲙⲟⲩ pl: [*ϵⲙⲱⲩϵ] ϵⲙⲱⲩⲓ ϵⲙⲟⲟⲩϵ
šȝy [*š{ȝy}*]  = *is* (Demotic) Wb 4, 405.11	**[*e*]sh{Au} /** **æsh[o] /** **æs[o]**	sow [IE = English: 'sow'?]	V: 49 - OK? - MK = ϵⲱⲁⲩ ϵⲱⲟ ϵⲱ
ȝꜥn [*{ȝꜥ}n*] = *ꜥnr* (OK) = *ꜥnꜥ* = *ꜥꜥn* (Demotic) = *in* Wb 1, 41, 5-6	**{Ã}n /** ***a*nr /** ***a*n*a* / {** **{ā}n [long 'a'] /** **{õ}n**	baboon [IE = bab**oon**?]	V: 53 - Neo Egyptian =: ⲏⲛ (pronounced 'an') ⲏⲛϵ ϵϵⲛ ϵⲛ
iyr [*{iȝ}y{wy}r*]  Wb 1, 38.16	**{ä}y{*ō*}r**	deer (stag) [French: cerf]	V: 62 - ? = ϵϵⲓⲟⲩⲗ ϵⲓⲟⲩⲗ ⲓⲟⲩⲗ ϵⲟⲩⲗ
ibḥ Wb 1, 64.2-4 = *ȝbḥ* (Demotic)	**æbH[è] / AbH** ['H' accentuated]	tooth; defences (of elephant)	V. 154 - OK (Pyr) = ⲁⲃⲉϵ ⲟⲃⲉϵ
iḥ Wb 1, 119.15-120.4	**æh[*è*] ['h' accentuated]** plur: *æh{[ô]w} / *æh{[ô]{oo}}	ox; cattle	V: 42 - OK (Pyr)? = ϵⲉϵ Plural ϵⲉⲟⲟⲩ & V: 50 - ? = ϵⲉϵ [plural form:] ϵⲉⲟⲟⲩ ϵⲉϵⲩ. See also ⲡϵⲧⲡⲏⲉ ⲡϵⲧⲡϵⲉ 'Atfih' =  *Pr nb.t tp iḥ.w* House of the Mistress of *Tepihou*.

imsk3.w = *i[i]ms[k3]* = *sg* Wb 1, 88.10	**æm[è]skA / æm[è]sk{Au}?** **sg[a]**	fish (type of - 'brème' or 'muge')	V: 43-44 - NK = ϵⲙϵⲯⲕϵ
iš =*š{3y}*	**æsh / [è]sh{ô}**	sow [IE = English 'sow']	V: 49 - (Demotic) = ϵⲓⲯ = ϵⲓⲯⲁϒ ϵⲓⲯⲟ
ʿff Wb 1, 182.15-16	***a*f ['f' accentuated by duplication]**	fly [IE = English: 'fly'?]	V: 21 - ? = ⲁϥ ϵϥ
ʿfy = *ʿfy n bi.t* Wb 1, 182.11	**afï /** **afï n[a?] [è]bi[ô]**	bee [IE = 'abeille' French] = honeybee [lit. bee of honey. IE = French: 'abeille']	V: 21 - ? = ⲁϥⲛⲉⲃⲓⲱ
3mwld = *?*	**Am{[o]w}l[a]dj**	owl [IE = English 'owl']	V: 112 - (Demotic) = ⲙⲟⲩⲗⲁⲭ ⲙⲟⲩⲗⲁⲭϩ
ʿmʿm = *ʿmʿm* Wb 1, 186	***A*m*a*m**	'musareigne'	V: 42 - (Demotic) = ϵⲙⲓⲙ
ʿmʿm [ʿmʿm.w] = *ʿm3m.w* Wb 1, 186.10 = *mʿm* (Demotic) = *ʿrʿr* (Ptol.)  Wb 1, 210.7	***a*m*a*m /** ***a*mAm /** ***a*r*a*r**	shrew, shrewmouse [French ''musareigne'] (from *ʿmʿm* 'devour' as the shrew eats twice its weight daily).	V: 43 - NK = ϵⲙⲓⲙ
ʿnʿ =*ʿnʿn*  Wb 1, 191.10	***a*n*a* /** ***a*n*a*n**	Baboon	V. 160 - NK = Extrapolated from ⲡⲁⲛⲁⲑⲟⲩⲧ = 'The [+] baboon [+] Thot'
3pd = *3pt* = *ipd* = *ipt* Wb 1, 9.5-8	**Apd /** **Apt /** **æpd /** **æpt**	duck; goose; bird; [IE = Armenian: bad; Spanish: 'pato']	V. 248 - OK (Pyr) = ⲱⲃⲧ
ʿpš3yy [ʿpš{3y}] Wb 1, 181.18 = *ʿpš.w.t*  Wb 1, 181.1	***a*psh{o} ['sh' accentuated]** ***a*psh{[o]w}**	scarab type of insect?	V: 45 - Late = ϵⲡⲯϵ 'scarab'
*ʿšr**	**ash[i]r[a]***	chameleon [*reconstructed form proposed by Vycichl]	V: 20 - ? = ⲁϫⲓⲣⲁ
ʿš3 TLA = Meeks, AL 78.0804	***a*shA**	lizard	V: 20 - ?
bḥz / bḥs  Wb 1, 469.4-10	**b[a]Hz / b[a]Hs**	calf, bull (young)	Extrapolated from V: 73 - OK (Pyr) = ⲕⲃⲁϩⲥ = *k3 bḥs* Kbahs (town near Bahr Youssef).

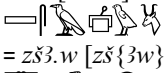
bḥz  Wb 1, 469.4-10	**b[a]hz[è]**	veal; heifer	V: 34 - OK (Pyr) = ⲃⲁϩⲥⲉ ⲃⲁϩⲥⲓ
bng Wb 1, 464.4	**b[a]ng**	bird name – unidentified	V: 28 - MK = ⲃⲁⲛⲕ (perdrix?)
bsbs = *bꜣsbs*  Wb 1, 477.1	**b[a]sbs / bAsbs / pAsbs**	bird (duck or geese; type of bird unidentified (*Oxura leucocepha*?)	V: 32 - OK = ⲃⲁⲥⲃⲥ in ⲧⲃⲁⲥⲃⲥ
bk = *bik* Wb 1, 444	**b[è]k / b[è]k / bik**	Falcon	V: 34 - (Demotic) = ⲃⲉϭ ⲃⲏⲭ ⲃⲉⲭⲓ ⲃⲓϭ
bnỉ =*? mn.t* Wb 2, 64	**b[è]nï** = m[è]n[i]?	Swallow	V: 28 - (Demotic) = in ⲃⲉⲛⲓ ⲃⲏⲛⲓ
bḥ Wb 1, 472.14 = *bḥ* (Demotic)	**b[o]ħ**	Buchis, sacred bull of Hermonthis / Armant [IE = *bos* Latin]	V: 33 - Ptolemaic = ⲃⲟϩ
bꜣ	**bA**	ram [IE? = French '**b**élier'?]	V: 28 - (Demotic) = in ⲃⲁⲙⲡⲉ = *bꜣ n/m p.t* (Wb 1, 414) [*ram of the sky [= Amun]* seems to have become *ram in the sky*].
bik  Wb 1, 444.13-445.8 = *bk* (Demotic)	**bæk / bik**	falcon	V: 34 - OK = ⲃⲉϭ ⲃⲓϭ ⲃⲏⲭ ⲃⲉⲭⲓ
bꜣyr [*b{ꜣy}r*]  = *b{ꜣy}ry* Wb 1, 484.16	**B{o}r[è] [è] accentuated]** **plural: b{o}r{[è]oo}**	river fish indeterminate (*Mugil cephalus*?)	V: 30 - Dyn. ? = ⲃⲱⲣⲉ ϥⲟⲣⲓ ⲫⲟⲣⲓ 'muge, mulet'
dbn.t Wb 5, 438.17 = *dbn.t* (Demotic)	**dbn[é]**	animal	V. 211 - Late = ⲧⲉⲃⲛⲏ ⲧⲃⲛⲏ
ḏdf.t = *ḏꜣdf.t*  Wb 5, 633.6-634.3 = *ḏtf.t* 'worm' (Demotic)	**dj[a]df[è] /** **djAdf[è] /** **dj[a]tf[è] [‘f’ accentuated]**	snake; worm [; rampant?]	V. 332 - NK = ϫⲁⲧϥⲉ ϫⲁⲧϥⲓ ϫⲉⲧϥⲉ ⲇⲁⲧϥⲓ 'reptile; vermin' [semantic shift]
ḏnḥ Wb 5, 577.6-578.7 = *tnḥ* (Demotic)	**dj[é]nH**	Wing	V. 218 - Neo E. = ⲧⲏⲛϩ ⲧⲉⲛϩ
ḏl	**djl[é] [‘l’ accentuated]**	Scorpion	V. 337 - (Demotic) = ϫⲗⲉ ⲇⲗⲉ
ḏnḥ = *ḏnꜣḥ* Wb 5, 577.6-578.7 = *ḏnḥ* [*ḏnḥ.w*] 	**djn[a]H /** **djnAH /** **dn[a]H /**	wing [; arm?]	V. 329 - Neo Eg. = ϫⲛⲁϩ ⲇⲛⲁϩ also 'arm; forearm; effort, strength [as in French 'un coup de bras']'

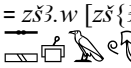
= *tnḥ.w* (Ptol.)  = *ḏnḥ* 'arm' (Demotic)	**tn[a]H**		
ḏr.t = *ḏrỉ.t*  = *ḏry.t*  Wb 5, 596.2-8	**djr[è] / djræ / djrï ['r' accentuated]**	falcon or kyte type of bird	V. 220 - OK = ⲧⲣⲉ ⲑⲣⲉ
fy 	**f[a]ï**	viper with horn, Horned Viper	V. 279 - (Demotic) = [*ⲫⲁⲓ?]
fnṯ = *fnt* Wb 1, 577.5-	**f[è]ntch /** **f[*è*]nt ['f' accentuated]**	worm; maggot; snake	V. 280 - MK = ⲫⲛⲧ ⲫⲉⲛⲧ
gḥs Wb 5, 191.9 = *gḥs.t* (Demotic)	**g[a]Hs[è] ['s' accentuated]**	gazelle [IE = English 'gazelle']	V. 350 - OK = ϭⲁⲍⲥⲉ ϭⲁⲍⲥⲓ ϭⲍⲟⲥ
Gmwl	**g[a]m{[ô]w}l**	camel [English = Camel (import)]	V. 341 - (Demotic) = ϭⲁⲙⲟⲩⲗ ϫⲁⲙⲟⲩⲗ
gry-w  Wb 5, 181.1	**g[è]r{*é*} ['r' accentuated]**	birds [as coll. term]	V. 346 - Neo Eg. = ϭⲣⲉ
gwf Wb 5, 160.9	**g{[ô]w}f**	Macaque	V. 344 - MK = Related to ϭⲁⲡⲓ 'monkey'?
gyf.t [*gif.t*] Wb 5, 158.12-16	**Gæf**	guenon; female macaque	V. 344 - OK = Related to ϭⲁⲡⲓ 'monkey'
gʒfy Wb 5, 158.12-16 = *gf* = *gf.w* (Neo Eg.) (Demotic)	**gAfï /** **g[a]f**	monkey (of small size?); macaque [IE = Armenian 'կապիկ' 'kapig']	V. 344 - NK (XIX) = ϭⲁⲡⲓ 'monkey'
gš-w [*gʒš.w*]  Wb 5, 208.2 = [*gši*] 	**gAsh[è] ['sh' accentuated] /** **g{[ô]w}shæ**	goose; bird which migrate, migrating bird (of some kind) [IE = English 'goose, geese']	V. 349 - NK = ϭⲏⲱⲉ ϭⲉⲱⲉ
gḥs = *gʒḥs*  Wb 5, 191.1-8	**gH[o]s / gAH[o]s**	gazelle [IE = English 'gazelle']	V. 228 - OK = ϭⲍⲟⲥ (TLA)
gnglʒ	**gnglA ['g' accentuated]**	Bat	V. 343 - (Demotic) = ϭⲉⲛϭⲗⲱ
gr (*n*) *p.t* [*gr*{ʒ*y*} (*n*) *p.t*] = *grmp* Wb 5, 181.2	**gr{o}-[n]-p[*é*] /** **gr[o]mp[*é*] ['p' accentuated]**	dove [lit. 'bird (of the) sky' [IE = Latin 'colomba' or French 'colombe']. 'gr{o} 'is probably an onomatopoeic equivalent of French '**roucoul**er', itself an onomatopoeic verb imitating the cry of pigeons or doves.	V. 346 - Neo Eg. = ϭⲣⲟⲟⲙⲡⲉ ϭⲉⲣⲟⲙⲡⲉ ϭⲣⲟⲙⲡⲉ ϫⲣⲁⲙⲡⲓ

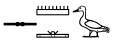
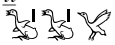
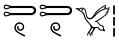
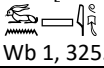
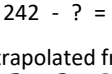
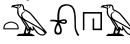
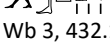
= *grmp* (Demotic)			
ḥry-w [*ḥriw*]  Wb 3, 146.14	H[a?]r{è}	volatile of some kind [French: 'sort of volaille] [IE = French: 'volaille'	V. 296 - Neo Eg. = Related to ⲉⲱⲗ 'fly'
ḥfll	**H[a]fl[ē]l[è]**	lizard	V. 319 - (Demotic) = ⲉⲗⲫⲗⲉⲉⲗⲉ
ḥnt3sw [*ḥnt3s*] Wb 3, 122.9 = *ḥnts* (Demotic)	**H[a]ntAs**	lizard	V: 12 - Med = ⲉⲁⲛⲧⲟⲩⲥ ⲁⲛⲑⲟⲩⲥ
ḥby  = *ḥbw* [*ḥb.w*]  = *ḥb3y*  Wb 2, 487.1-4 = *ḥb* (Demotic)	**h[è]b[ô]ï /** **h[è]b{[ô]w} /** **hAb[ô]ï /** **h[è]b[o]**	ibis (*Ibis religiosa*)	V. 289 - ? = ⲉⲓⲃⲱⲓ
ḥṯs Wb 3, 204.13	**H[é]tch[è]s ['tch' accentuated]**	jerboa (French: 'gerboise')	V. 316 - ? = ⲉⲏⲧⲥ 'unidentified animal'
ḥṯyy [*ḥṯyi* or rather *ḥyti;* scribal error?] = *ḥt.t* Wb 3, 203.16-17 = *ḥt.t* (Demotic)	**H[ô]ï{tè} ['t' accentuated'] /** **H[o]tch[è] /** **H[o]t[è]**	hyena [IE = English: 'hyena']	V. 293 - OK = ⲉⲱⲓϯ ⲉⲟⲉⲓⲧⲉ ⲉⲉⲓϯ
ḥʿʿmʿtʿ	***halamata***	Worm	Vieira: 246 - (Demotic)
ḥf3w [*ḥf{3w}*] Wb 3, 72.14-20 = *ḥf* (Demotic)	**Hf{Au}**	Snake	V. 319 - OK (Pyr) = ⲉⲫⲱ ⲉⲫⲟⲩⲓ ⲉⲟⲫ [metathesis]
ḥmr	Hm[i]r	pelican? (a bird of some kind)	V. 2? - (Demotic) = ⲉⲣⲓⲙ [metathesis] 'pelican'
ḥtr Wb 3, 199.11-200.12 = *ḥty ḥtr* (Demotic)	**Ht[ô]r[è] ['r' accentuated] /** **Htï**	horse [lit. 'the tied/harnessed one'] (from the verb *ḥtr* 'tie') [IE = English: 'horse'?]	V. 314 - NK (XVIII) = ⲉⲧⲱⲣⲉ ⲉⲧⲟⲟⲣⲉ ⲉⲑⲟⲣⲓ ⲉⲧⲟ ⲉⲑⲟ. Bedja: *hatāy*.
k3 Wb 5, 94.7-96.8 = *k3* (Demotic)	**kA**	bull; cow? [IE = English 'cow'?]	V: 70 - MK = ⲕⲟ
ḫnfy	**kh[a]n[oo]fï**	Nile carp? (*Barbus bynni*) Arab: 'bunni'.	V: 84 - (Demotic) = ⲕⲁⲛⲟⲩⲫⲓ
ḫnr  Wb 3, 298.7 = *ḫl* 'canine' (Demotic)	**kh[a]nr /** **kh[a]l**	tooth (of lion) [; canine?] [IE = French: 'canine']	V. 260 - Neo Eg. = ⲉⲗⲗ ⲯⲟⲗ 'defence (of animal); 'molar / canine?'
ḫdw [*ḫd.w*] Wb 3, 355.19	**kh[è]dj[è] ['dj' accentuated]**	eel?; kind of fish	V. 320 - OK = ⲉⲭⲉ
khnms 	**kh[ô]nms / khn{[ô]w}s**	mosquito [IE = Armenian 'motzag' or similar?]	V. 260 - Late? = ⲯⲟⲗⲙⲉⲥ

Wb 3, 295.12 = *khns* [*khnws*] Wb 3, 290.2-3			
ḳm3 Wb 5, 38.1 = *gm* (Demotic)	**kmA / g[a]m**	bulls which are young, sacred and with a specific colour	V. 340 - NK = ϭⲁⲙ 'bull'
ḳrr Wb 5, 61.5-6 = *ḳrr* (Demotic) = *ḳll* Ptolemaic 	**kr{[oo]}r /** **kl{[oo]}l**	frog [croak of the animal, as in French 'croa, croa', i.e. croasser]	V: 84 – Neo Egyptian = ⲕⲣⲟⲩⲣ ϫⲣⲟⲩⲣ
lby = *rbwy* [*rb{wy}*] Neo Egyptian 	**l[a]b[o]** / **r[a]b{ō}**	lioness; bear [IE = Latin 'leo', English 'lion'?]	V: 94 – (Demotic). = ⲗⲁⲃⲟⲓ (*lb* = the god Min as lion; also *rw3bw* found inscribed above the figure of a lion - uncertain) [may be a foreign term and sounds like it]
ms Wb 2, 140.8	**m[a]s[è] ['s' accentuated]**	calf [lit. born [cow]]	V: 121 – MK = ⲙⲁϭⲉ ⲙⲁϭⲓ 'calf, young bull, young animal'
mḥrr	**m{[ô]w}H[è]r[é]r /** mwH[è]r[è]r?	scarab	V: 131 - (Demotic) = ⲙⲟⲩⲃⲣⲏⲣ
m3i [*m{3y}*] = *m3w* [*m{3w}*] TLA DZA 23.679.920	**m{o} /** **m{Au}**	lion [Onomatopoeias of a bellowing lion]	V: 109 – NK (OK?) = ⲙⲟⲩⲓ
mzḥ  = *msḥ* Wb 2, 136.10-14 & 137.1 = *msḥ* [(Demotic)] Plural: *msḥyw* 	**mz[a]H /** **ms[a]H /** **Plural: msH{oo}w[è]**	crocodile	V: 123 – OK = ⲙⲥⲁϩ Plural: ⲙⲥⲟⲟϩ [metathesis with AE]. The term seems to have survived in the name of Lake Ti**msaH**, south of Ismailiyah.
nr.t = *nri* = *nr{iw}* Wb 2, 277.1-3	**n[oo]r[è] /** n[ô]r[è]? / **n[oo]ræ /** **n[oo]r{è}**	vulture	V. 144 - OK (Pyr) = ⲛⲟⲩⲣⲉ
ngng = = (LE) No WB? Van der Molen, Dictionary of Coffin Texts, 252 (TLA)	n[ô]gn[ô]g	cry, [shriek] (of the goose or of the falcon [sic])	V. 153 - ? = ⲛⲟϭⲛⲟϭ
Ppy	**p[a]p[o]ï**	chick [sound of the chirp of the chick, as in French 'piailler']	V. 161 - (Demotic) = ⲡⲁⲡⲟⲓ also 'little chicken' or 'chicken'
pnw = *pn* (Demotic)	**p[i]n{[o]w}**	mouse	V. 160 - MK = ⲡⲓⲛ ϕⲓⲛ

Wb 1, 508.6-10			
p[w]y [p{wy}] Wb 1, 502.2 = *py [p{wy}]* =	**p{ō}**	flea [IE = French 'puce' or 'pou']	V. 158 - 2nd Inter. Per. = **ⲡⲏⲓ ⲫⲏⲓ**
ḳḳ Wb 5, 71.11	**q[oo]q**	cuckoo? (bird) [IE = French 'coucou'?]	V: 75 - NK (Dyn. 20) = **ⲕⲟⲩⲕ**
Ḳpḳp	**q[a]pq[i]p**	ant	V. 351 - (Demotic) = **ϭⲁϫⲓϥ ϫⲁⲡϫⲓⲡ ϫⲁϥϫⲓϥ**
Ḳḳpt	**q[ô]q[ô]p[a]t /q[oo]q[oo]p[a]t /**	hoopoe? (bird) [IE = hoopoe? Name present in many IE, S or other languages]	V: 74 – (Demotic). = **ⲕⲱⲕⲱⲡⲁⲧ ⲕⲟⲩⲕⲟⲩⲫⲁⲧ**
rm = *rmy* = *rmm* Wb 2, 416.12-17 = *rym* (Demotic)	**r[a]m[è] /** **r[a]mï /** **r[a]m[è] ['m' accentuated by duplication] /** **rïm[è]**	fish	V. 172 - OK = **ⲣⲁⲙⲉ ⲣⲁⲁⲙⲉ ⲣⲁⲙⲓ**
rr.t = *ryry* (?Ist) = *rri* Wb 2, 438.8-11 = *rr.t* (Demotic)	**r[i]r /** **rïrï /** **rræ /** **r[i]r**	sow [French 'truie'; reminiscent of porc [IE = Greek χοίρος as noted by V. Also Armenian: 'khoz']	V. 177 - NK (Dyn. XVIII) = **ⲣⲓⲣ ⲗⲓⲗ**
rꜣ [r] Wb 2, 393.1-6	**r[o]**	goose	V. 171 - OK (Pyr) = **ⲣⲟ**
Ryn	**Rïn**	fish	V: 27 - (Demotic)
ssm.t Wb 4, 276.18-277.7	s[oo?]s[i]m	horse	V: 81 = NK? = Hebrew 'susim'
štw [st.w] Wb 4, 557.1-5	**sh[é]t**	turtle	V. 273 & 331 - MK = **ϣⲏⲧⲥ ϫⲓⲧ**
šsꜣw [šsꜣ.w] = *zšꜣ.w [zš{ꜣw}]* Wb 4, 543.5-6	**sh[o]sA /** **z[o]s{Au}**	antelope, bubalis	V. 275 - OK = **ϣⲟϣ ϣⲟϣⲟⲩ**
šꜣi Wb 4, 405.7-10 = *iš* (Demotic)	**sh{o} /** **æsh [metathesis]**	pig	V. 254 - 2nd Interm. Per. (earlier?) = **ϣⲉ**
šnf [šꜣnf] Wb 4, 515.2	**shAnf[è] ['f' accentuated]**	scale (of fish)	V. 267 - NK = **ϣ̄ⲛϥⲉ ϣⲉⲛϥⲓ ϣⲏⲃⲉ ϣⲓϥⲉ ϣⲏⲓϥⲓ**
šd Wb 4, 565.23	**shd[è] ['d' accentuated]**	hatching [; nest?]; nestlings [French = 'oisillons]	V. 271 - OK (Pyr) = **ϣⲧⲉ** 'nest' [semantic shift]



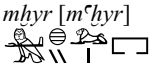
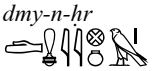
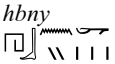


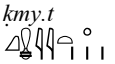
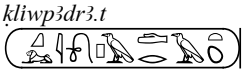
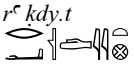
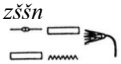
sk3 Wb 4, 316.15 = *s3k.t* Wb 4, 315.12	skA	colt, foal (of donkey)	V. 207 - NK (Dyn. XIX) = Related to ⲥⲏⲕ ⲥⲏⲟ ⲥⲏⲭ? See *sk*.
smn = *zmn*  Wb 4, 136.2-4	**sm[oo]n[è] ['n' accentuated] / zm[oo]n[è]**	goose (of some kind [Nile goose]?	V. 189 - OK = ⲥⲙⲟⲩⲛⲉ 'Nile goose' *Chenalopex aegyptiaca*
tb(t).w Wb 5, 261.5 = *tbt* (Demotic)	**t[è]bt ['t' accentuated]**	fish	V. 211 - Ptolemaic = ⲧⲉⲃⲧ ⲧⲃⲧ
tt  Wb 5, 413.14-15 = Plur.  = *dd* (Demotic)	**tch[a]tch /** **dj[a]dj /** Plur: tch{[ô]w[è]? [plural by duplication?]	sparrow	V. 333 - MK = ϫⲁϫ ϭⲁϫ
wnšʿ	w[o?]nsh*a*	wolf [IE = English 'wolf'?]	Vieira: 246 - (Demotic)
wḥʿ [*wḥʿ.t*] Wb 1, 351.1-2 = *wḥ.t*(Demotic)	**w[ô]H*a***	scorpion	V. 242 - NK = ⲟⲩⲟⲟϩⲉ ⲟⲩⲟϩⲓ ⲟⲩⲁⲁϩⲓ
wnš Wb 1, 324.16-18 = *wnšt* 'she-wolf fem. Wb 1, 325.3	**w[ô]nsh /** **w[ô]nsht[è] [with probable accentuation to indicate feminine]**	wolf; jackal-wolf [IE = English 'wolf']	V. 235 - ? = ⲟⲩⲱⲛϣ ⲟⲩⲁⲛϣ
wnši [*wnš{iw}*]  Wb 1, 325.1	w[ô]nsh{è}	wolf-dog	V. 235 - ? = Related to ⲟⲩⲱⲛϣ ⲟⲩⲁⲛϣ 'wolf'.
wḥr Wb 1, 346.6 *wḥ3r*[*.t*] = *wḥr* (Demotic)	**wH[ô]r[è] / wH[o]r /** **wHAr[è] ['r' accentuated]**	bitch (female; French 'chienne')	V. 242 - ? = ⲟⲩⲉⲱⲣⲉ ⲟⲩⲉⲟⲟⲣⲉ ⲟⲩⲉⲟⲣ. Extrapolated from  *p-wḥr* 'The Dog' or  'The [She-] Dog'
znḥm Wb 3, 461.6-8 = *znḥm.w* = *s3nḥm* (N.E) 	**z[a]n[è]Hm / sAn[è]Hm ['n' accentuated]**	locust, grasshopper	V. 191 - OK = ⲥⲁⲛⲛⲉϩ [V. points out that the double n is unexplained, but this is in fact another case of accentuation by duplication]
zb  Wb 3, 432.14-16 = *sb*(Demotic)	**z[i]b / s[i]b**	lice; flee	V. 183 - MK = ⲥⲓⲃ ⲥⲓⲡ

VOCALISED ANCIENT EGYPTIAN TERMS SUBSISTING IN MODERN CONTEMPORARY LANGUAGES

The following 22 terms are type examples of how Ancient Egyptians expressed their language's phonemes in the hieroglyphic script. All terms listed below exist in modern languages, from Arabic to English, and will easily be recognized.

Table 9: Vocalised words subsisting in modern contemporary languages

Ancient Egyptian	Vocalisation	English	Source Vycichl, Period, Coptic variants and notes
Wsir = *Ws* Wb 1, 359.5	{[Oo]}s[i]r[i]? / {[Ô]w}sAr[*è*]	Osiris	V: 238 & 32 - NK = ⲟⲩⲥⲓⲣⲉ ⲟⲩⲥⲓⲣⲓ. Also extrapolated from *Pr Wsir nb ḏdw*
i3rr.t [*{i3}rr.t*] Faulkner, 9 = *3lly* (Demotic)	{ä}r[ô]r[*è*] {ä}r[a]r[*è*]? ['r' accentuated] / Al[o]lï or Al[a]lï?	vine; grape, grape seed [IE = Armenian խաղողի ոդի 'khaghor']	V: 41 - OK = ⲉⲗⲗⲗⲉ ⲉⲗⲟⲟⲗⲉ ⲗⲗⲗⲗⲓ ⲗⲗⲟⲗⲓ
mḥyr [*mꜥḥyr*]  Wb 2, 131.13-14	{mé}khïr	Mekhir /Meshir [6th Month of Calendar]	V: 129 – Ptolemaic = ⲙⲱⲓⲣ ⲙⲉⲭⲓⲣ ⲙⲉⲭⲓⲗ; see ⲙⲝⲏⲣ 'censer'
Ỉnpw [*Ỉnwp*] Wb 1, 96.7	Æn{[ô]w}p [stylistic grouping] *Æn[oo]p	Anubis	V: 13 - OK (Pyr) = ⲁⲛⲟⲩⲡ
Ỉšwr No Wb?	Æsh{[ô]w}r	Assyrian	V. 167 - Late Per. = Extrapolated from ⲡⲉⲱⲟⲩⲣ = *P3 n Ỉšwrw* 'The one of the Assyrians'
ỉtm Wb 1, 144.5 = *tm* Wb 5, 301	æt[ô]m / [*e?*]t[ô]m	Atum	V. 267 - OK = ⲁⲑⲟⲙ. Also extrapolated from ⲱⲉⲛⲉⲧⲱⲙ 'son of Atum' = Chenetōm (a Coptic name) or or ⲡⲉⲓⲑⲟⲙ ⲡⲉⲑⲟⲙ 'Pithom' = *pr ỉtm* 'House of Atum'
3mwnyꜥk	Am{[o]w}niak	ammoniac	Vieira: 177 - (Demotic)
ḏḥw.t [*ḏḥwty*] = = *ḏḥwty* = *ḏḥw.t* [*ḏḥwt*] or *tḥw.t* [*tḥwt*] (Demotic) Wb 5, 606.1-2	DjH{[ô]w}tï / DH{[ô]w}tï / DHot / THot	Thoth (lit. He/the one from DjHôt) [probably a locality]	V: 58 - OK =: ⲑⲱⲟⲩⲧ ⲑⲟⲟⲩⲧ ⲑⲁⲩⲧ
dmy-n-ḥr  No Wb?	d[*è*]mæ -n-H[ô]r ['d' accentuated]	Damanhur (lit. 'Town [of] Horus')	V. 215 - OK = ϯⲙⲉⲛϩⲱⲣ ϯⲙⲓⲛϩⲱⲣ
gr (*n*) *p.t* [*gr{3y}* (*n*) *p.t*] = *grmp* Wb 5, 181.2 = *grmp* (Demotic)	gr{o}-[n]-p[*é*] / gr[o]mp[*é*] ['p' accentuated]	dove [lit. 'bird (of the) sky' [IE = Latin 'colomba' or French 'colombe']	V. 346 - Neo Eg. = ϭⲣⲟⲟⲙⲡⲉ ϭⲉⲣⲟⲙⲡⲉ ϭⲣⲟⲙⲡⲉ ϫⲣⲁⲙⲡⲓ
hbny 	h[*è*]b[*è*]n[o]ï	ebony (*Dalbergia melanoxylon*) [if genitive y/ï than	V: 39 - OK (Pyr) = ⲉⲃⲉⲛⲟⲥ

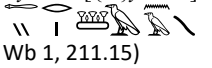
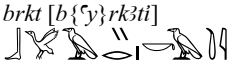
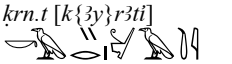
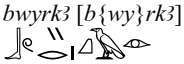
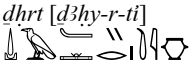
Faulkner, 158		'hbny' may refer to a geographical area]	
ḥyrn3.t	Hïr[é]nA	Eirene (i.e. 'Greek: Εἰρήνη, Eirēnē, [eːréːnɛː], lit. "Peace")	V. 309 - Ptol. = ϩιρηνϵ ϵιρηνϵ
Maknas	m*a*kn*a*s	Magnesium	Vieira: 216 - (Demotic)
Nwkrṯ [*Nk3rṯ*] = *Nwkrṯ* (Demotic)	N[ô]kAr[a]tch / KAr[a]tch / N[ô]kAr[a]tch	Naucratis [lit. 'the town [of] 'karatch' whatever 'karatch' means: 'Autocrat'?]	V. 147 - Late Per. = ⲛⲁⲩⲕⲣⲁⲧⲓⲥ
Pṯḥ Faulkner, 96 = *Pṯḥ* (Demotic) Wb 1, 565.9-10	Pt[a]h	Ptah	V. 166 - OK? = ⲡⲧⲁϩ
ḳmy.t  Wb 5, 39.3-15 = *k3mi* =*ḳm3*? =*km3* (Demotic)	q[o]mï / qAmæ/ q[o]mA	gum [IE = French: 'gomme']	V: 80 = NK (Dyn. XVIII) = ⲕⲟⲙⲏ ⲕⲟⲙⲙⲉ ⲕⲟⲙⲓ ⲕⲏⲙⲉ ⲕⲙⲉ
ḳliwp3dr3.t 	Klæ{[ô]w}pAdrA	Cleopatra	V: 78 – Ptolemaic = ⲕⲗⲉⲟⲡⲁⲧⲣⲁ ⲕⲗⲉⲩⲟⲡⲁⲧⲣⲁ
Rbw No Wb?	R[i]bw[*è*]}	Lybians	V: 94 – NK (Dyn. XIX) = ⲗⲓⲃⲩⲉ ⲧⲗⲓⲃⲩⲉ
rˁ kdy.t  Wb 2, 403.5	R*a*k[ô]dï / ['d' accentuated]	Alexandria	V. 172 - ? = ⲣⲁⲕⲟⲧⲉ ⲣⲁⲕⲟⲧ ⲗⲁⲕⲁⲧ
šnd.t = Snt.t Wb 4, 520.9-13 = Snt.t (Demotic)	sh[o]ndj[*è*] / sh[o]ntï ['dj' or 't' accentuated]	acacia of the Nile, Nile acacia (*Acacia nilotica* L.)	V. 267 - OK (Pyr) = ϣⲟⲛⲧ ϣⲟⲛϯ
wy Wb 1, 272.11	w[o]ï!	woe, alas! (French: 'malheur') [IE = Armenian վայ! 'vaï?' 'misfortune!' & English 'woe']	V. 230 - MK (OK?) = ⲟⲩⲟⲉⲓ ⲟⲩⲟⲓ = [V. rightly states that in Arabic, there is a note of admiration. This can be the case in Armenian 'vaï', or also a dimension of surprise.]
zšn Faulkner, 248 *zššn*  Wb 3, 487.9 = sSn (Demotic)	z[o]sh[*è*]n z[o]sh[*è*]n ['sh' accentuated by duplication] / s[o]sh[*è*]n	lotus flower	V. 275 - OK = ϣⲟⲩⲉⲛ

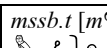
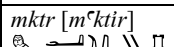
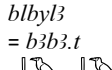
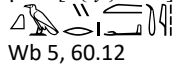
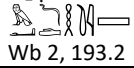
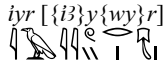
FOREIGN TERMS

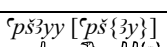
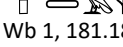
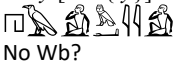
Foreign terms are also useful to understand how Ancient Egyptians used the phonological palette of their hieroglyphic script to express foreign sounds. The table shown below lists 89 terms the V/C/T ratios of which, with a high number of consonants and often no vowels, point out or at least strongly suggest to be foreign. It shows unequivocally that the vocalisation system used by scribes was different for foreign terms than for 'home' terms as nearly all, and often all phonemes, are expressed with hieroglyphic signs, i.e., with only consonants or semi-vowels/semi-consonants. With the striking results that for many of the terms no missing vowel is indicated (value = '0') in the V/C/T ratio. Unlike for the rest of the dictionary, the table below lists terms by reversed V/C/T ratio, i.e., **C/V/T, i.e. consonants/vowels/total number of phonemes** so as to classify them by number of consonants. As a rule, the greater the number of consonants the more likely or certainty that the term is foreign. Not only because most ancient Egyptian words are tri-consonantal or less, where their consonantal root is concerned, but also simply because foreign words had usually many more phonemes than Egyptian ones.

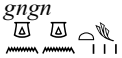
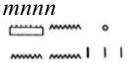
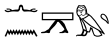
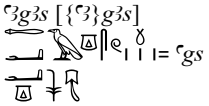
List of foreign terms or strongly suspected to be so, classified by C/V/T, i.e., consonants/vowels/total number of phonemes instead of V/C/T as used elsewhere in the present dictionary.

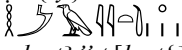
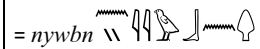
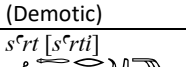
Table 10: Foreign terms

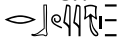
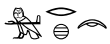
C/V/T	Ancient Egyptian	Vocalisation	English	Source Vycichl, Period, Coptic variants and notes
9;1;10	*mrkbt* [*m{ʿy}rk3bw{ti}*] Wb 2, 113.4 *mʿrk3bwti* Faulkner, 112	**m{ō}rkAb{[ô]w}{tè} / ma**rkAb{[ô]w}{tè}	chariot of war	V: 31 - Foreign borrowing = ⲃⲉⲣⲉⲃⲱⲟⲩⲧⲥ ⲃⲣⲟⲟⲩⲧ + Cannanean: *markabti*; Akkadian: *narkabtu*
9;1;10	*ḳliwp3dr3.t*	**Qlæ{[ô]w}pAdrA**	Cleopatra	V: 78 – Ptolemaic = ⲕⲗⲉⲟⲡⲁⲧⲣⲁ ⲕⲗⲉⲩⲟⲡⲁⲧⲣⲁ
8;0;8	*ḥʿʿmʿrʿ*	**halamata**	worm	Vieira: 246 - (Demotic)
7;1;8	*3mwnyʿk*	**Am{[o]w}nïak**	ammoniac	Vieira: 177 - (Demotic)
7;0;7	*mšdd.t* [*mʿš3dydyd.t*] Lesko, Dictionary I, 247 [TLA]	**{mé}shAdïdï / {mé}shAdï? Accentuation by duplication?**	comb	V: 129 – Late = ⲙⲓⲯⲧⲱⲧⲉ ⲙⲓⲯⲧⲱⲧⲉ ⲙⲁⲯⲑ
7;0;7	*ʿ3yrš3n3* [*{ʿ3}yrš3n3*]  Wb 1, 211.15) = *ʿršn* (Demotic)	**{â}ïrshAnA / a**rsh[a]n	lentils	V: 16 - MK = ⲁⲣⲯⲁⲛ ⲉⲣⲯⲁⲛ ⲉⲣⲯⲓⲛ
7;0;7	*brkt* [*b{ʿy}rk3ti*]  Wb 1, 466.11	**b{o}rka{tè}**	lake [Arabic 'Birket']	V: 31 - Foreign borrowing
7;0;7	*ḳrn.t* [*k{3y}r3ti*]  = *ḳ3rn3ṯ* Wb 5, 60.15-61.4	**kArnatch[è] or k{o}rnatch[è]?**	foreskin, uncircumcised penis; phallus	V: 31 - Foreign borrowing
7;0;7	*s3lʿpyn*	**sAlapïn**	finger (little one)	V. 187 - (Demotic) = ⲥⲉⲗⲉⲡⲓⲛ ⲥⲉⲗⲟⲩⲡⲓⲛ
6;1;7	*bwyrk3* [*b{wy}rk3*]  Wb 1, 466.7	**b{ō}rkA**	shine, scintillate	V: 39 - NK = Related to ⲃⲣⲏⲟⲉ ⲉⲃⲣⲏⲟⲉ 'lightning'? Given as foreign by V., and others.
6;1;7	*ḏḥrt* [*ḏ3ḥy-r-ti*]  NO WB?	**djAHïr[o]{tè} / dj{o}r{tè}?**	recipient of some kind	V. 326 - Neo Eg. = Related to ϫⲗⲗⲉⲧⲥ 'recipient big enough for a man to stand in it [crater?]'?
6;1;7	*ḥrwmys*	**Hr{[o]w}mïs**	Roman	Vieira: 228 - (Demotic), Greek?
6;1;7	*Ḳwrks*	**K[è]ôwrk[i]s / K{[ô]w}rk[io?]s**	Georgios	V: 35 - [Late] = ⲅⲉⲱⲣⲅⲓⲟⲥ

6;1;7	*mssb.t* [*mꜥswbw.t*]  CERNY: 91	**{mè}s{[ô]w}bw[è] ['w' accentuated]**	needle?], an object in metal	V: 122 – N = ⲙⲉⲥⲱⲃⲓ ⲙⲉⲥⲱⲡⲉ ⲉⲙⲥⲱⲡⲉ ⲉⲙⲥⲟⲃⲓ 'needle'
6;1;7	*mktr* [*mꜥktir*]  Wb 2, 164.2-3	m*a*ktï[o]r	tower of fortress [= Hebrew 'migdol' 'tower']	V: 132 - N. = ⲙⲉϭⲧⲟⲗ ⲙⲓⲭⲧⲟⲗ 'tower; fortress'
6;0;6	*mḥmḥ* [*mꜥḫ3mꜥh3*] Wb 2, 131.15	**{mè}khA{mé}khA / {mè}khA{mé}kh{Au}?**	Flower of some kind = Purslane? = Common Purslane (*Portulaca oleracea* L.)	V: 131 – Neo Egyptian = ⲙⲉϩⲙⲟⲩϩⲉ ⲙⲉϩⲙⲟⲩϩⲓ 'Common Purslane (*Portulaca oleracea* L.)'
6;0;6	*ꜥwyrdj3* [{ꜥw}yrdj{3w}] Wb 1, 213.14 = *ꜥrḏ* 'make strong; protect' (Demotic)	**{ō}rdj{Au}** ***a*rdj**	maintain; master	V. 251 - Neo Eg. = ⲟⲣⲭ 'make solid, fortify, solidify' [semantic shift]
6;0;6	*blbyl3* = *b3b3.t*  Wb 1, 418.14	**blbïlA /** **bAbA**	Grain	V: 27 - (Demotic) = ⲃⲁⲃⲓⲗⲉ
6;0;6	*gns* [*g3nys3*] Wb 5, 177.5-6	**gAnïshA**	constraint; outrage, violence	V. 342 - Neo Eg. = ϭⲟⲛⲥ ϫⲟⲛⲥ
6;0;6	*gwn* [*g3w3n3*] Wb 5, 160.10	**gAwAnA**	bag [of some kind, perhaps coloured and very probably imported], haversack	V. 349 - Neo Eg. = ϭⲟⲟⲩⲛⲉ ϭⲁⲩⲟⲩⲛⲉ ϫⲱⲟⲩⲛⲓ
6;0;6	*k3yrk3yr* [*k{3y}rk{3y}r*] Wb 5, 136.5 = *krkr* 'talent' (weight)	**k{o}rk{o}r**	stone pile [IE = Armenian 'kar' 'stone]	V. 344 - Neo Eg. = Related to ϭⲓⲛϭⲱⲣ ϫⲓⲛϭⲱⲣ 'talent' (weight) for at least the second syllable '**ϭⲱⲣ**'.
6;0;6	*K3ḏ3ḏ3* = *Gḏ3ḏ3* (Demotic)	**KAdjAdjA / GdjAdjA**	Kadjaja (occupation, private name or ethic group?)	V: 92 – MK = ⲕⲁϫⲟⲩϫ
6;0;6	*ḳrmt* [*k{3y}rmꜥti*]  Wb 5, 60.12	**K{o}rm*a*{tè}**	ashes	V: 85 – NK (Dyn. XIX or XX) = Related to ⲕⲉⲣⲙⲓ ⲕⲣⲙⲉ ⲕⲩⲣⲙⲓ ⲕⲣⲙⲉⲥ 'ash'?
6;0;6	*Mꜥknꜥs*	**m*a*kn*a*s**	Magnesium	Vieira: 216 - (Demotic)
6;0;6	*ḳdm* [*ḳ3dj3m3*] Wb 5, 82.12 = *gḏm* (Demotic)	**qAdjAmA**	handful (of gum)	V. 351 - Neo Eg. = ϭⲁϫⲙⲉ ϭⲁϫⲙⲉⲥ ϫⲁⲙⲉ
6;0;6	*šmšꜥkꜥ*	**sh[*e*]msh*aka***	whistle	V. 251 & Vieira: 245 - (Demotic) = ⲯⲙⲯⲏϭⲉ
6;0;6	*srpt* [*syrp3ti*] = *s3p.t* Wb 4, 195.2-3	**sïrpA{tè} / / s{o}rpAti?** **sAp[ô]t /** [*sArp[ô]t]	Lotus leaf	V. 196 - Neo E. = ⲥⲁⲣⲡⲱⲧ ⲥⲁⲣⲡⲟⲧ
5;1;6	*mḏht*  Wb 2, 193.2	**{mé}dj[a]Htï**	mortar?] stone [material of some kind]	V: 132 -? = ? Related to ⲙϩⲁϩⲧ 'mortar [to crush]'
5;1;6	*3mwlḏ* = *?*	**Am{[o]w}l[a]dj**	owl [IE = English 'owl']	V: 112 - (Demotic) = ⲙⲟⲩⲗⲁϫ ⲙⲟⲩⲗⲁϫϩ
5;1;6	*iyr* [{*i3*}*y*{*wy*}*r*]  Wb 1, 38.16	**{ä}y{ō}r**	deer [stag]	V: 62 -? = ⲉⲉⲓⲟⲩⲗ ⲉⲓⲟⲩⲗ ⲓⲟⲩⲗ ⲉⲟⲩⲗ
5;1;6	*dj3nr* 	**DjAnïr[o]**	branch [?]	V. 325 - Neo Eg. = ϫⲁⲗ

	Wb 5, 577.4			[contraction of AE term] also 'winnowing shovel'
5;1;6	*ḥnt3sw* [*ḥnt3s*] Wb 3, 122.9 = *ḥnts* (Demotic)	**H[a]ntAs**	lizard	V: 12 - Med = ϧⲁⲛⲧⲟⲩⲥ ⲁⲛⲑⲟⲩⲥ
5;0;5	*imsk3.w* = *sg* Wb 1, 88.10	**æm[è]skA / æm[è]sk{Au}? {DIA}?** **sg[a]**	fish (type of - 'brème' or 'muge')	V: 43-44 - NK = ⲉⲙⲉⲯⲕⲉ
5;0;5	*ꜥgn* [*ꜥg3n3*] = *ꜥgn* Wb 1, 236.5-6	***a*gAnA / *a*g[a]n**	support of circular jar	V: 23- NK (XVIII) = ⲁⲅⲁⲛ ⲁⲅⲟⲛ
5;0;5	*ꜥg3rti* Wb 1, 236.9	***a*gAr{tè} ['t' accentuated]**	chariot, car [IE 'cart' - English?]	V: 23- ? = ⲁⲅⲟⲗⲧⲉ ⲁⲕⲟⲗⲧⲉ ⲁϫⲟⲗⲧ V. states: Aramean *'agalt.a*. Shift: r = l.
5;0;5	*ꜥḥ3-w.t* [*ꜥḥ{3w}ty*] Wb 1, 217.8-218.2 = *hw.t.y* [*hwty*] 'male' [semantic shift]	***a*H{Au}tï /** **H{Au}tï**	warrior	V. 319 - MK = ⲉϩⲟⲟⲩⲧ ϩⲱⲟⲩⲧ ϩⲟⲟⲩⲧ 'male; impetuous' [semantic shift]
5;0;5	*3nḏyr* = *ꜥ n ḏyr*	**Andjïr**	soap = piece of salt	V: 14 - (Demotic) = ⲁⲛϫⲓⲣ
5;0;5	*ꜥpš3yy* [*ꜥpš{3y}*]  Wb 1, 181.18 = *ꜥpš.w.t*  Wb 1, 181.1	***a*psh{o} ['sh' accentuated]** ***a*psh{[o]w}**	scarab type of insect?	V: 45 - Late = ⲉⲡⲯⲉ 'scarab'
5;0;5	*blḏꜥ*	**bldj*a***	sherd, ostracon	V: 28 - (Demotic) = ⲃⲗϫⲉ
5;0;5	*ḏb{3y}rd* Wb 5, 439	**db{o}r**	sanctuary	V. 211 - Neo Eg. = ⲧⲁⲃⲓⲣ
5;0;5	*h3my* [*h3m{ꜥy}*]  No Wb?	**HAm{õ}**	if only, 'I wish' (as a wish = Latin 'utinam')	V. 300 - ? = ϧⲁⲙⲟⲓ ⲁⲙⲟⲓ
5;0;5	*ḳmḳmy*	**k[è]mk[è]mi**	Melon	Vieira: 217 - (Demotic); Source of *Cucumis!*
5;0;5	*Ḳ3d3ti* = *G3dtw* No Wb?	**KAdja{tè} / GAdjat**	Gaza	V: 31 - Foreign borrowing
5;0;5	*ḫb3yr* [*ḫb{3y}r*] Wb 3, 254.9-10 = *ḫbr* 'friend; comrade' (Demotic)	**khb{o}r /** **khb[o]r**	comrade? commercial relation	V. 257 - Neo Eg. = ⲯⲃⲉⲣ ⲯⲫⲉⲣ ϧⲃⲉⲣ ⲯⲃⲏⲗ
5;0;5	*pl3ge*	**plAge**	plague, wound [IE? = 'plague']	Vieira: 246 - (Demotic)
5;0;5	*ḳrmts*	**qrmts / q[è]rm[è]t[è]s**	smoke	V: 84 & 86 – (Demotic). = ⲕⲣⲙⲧⲥ ⲭⲣⲙⲧⲥ
5;0;5	*sn3yn.t*	**snAïn**	water, source	V. 191 - (Demotic) = Related to ⲥⲛϩⲓⲛⲓ 'water wheel'

4;3;7	*krps*	**k[è]rp[è]s[i]**	purple [linen; the dye, French 'pourpre' = ?] (Linen of the Greek town of Carpasia)	V. 338 - (Demotic) = ϭϵⲗⲃϵⲥⲓ ϫϵⲗⲃϵⲥⲓ
4;3;7	*ḳšbr*	**q[a]sh[a]b[è]r**	earring	V: 91 – (Demotic). = ⲕⲁⳭⲁⲃϵⲗ
4;3;7	*ḳḳpt*	**q[ô]q[ô]p[a]t /q[oo]q[oo]p[a]t /**	hoopoe? (bird) [IE = hoopoe? Name present in many IE, S or other languages]	V: 74 – (Demotic). = ⲕⲱⲕⲱⲡⲁⲧ ⲕⲟⲩⲕⲟⲩⲫⲁⲧ
4;3;7	*ṯknš* GDG VI, 84 (TLA)	**Tch[a]k[i]n[a]sh**	Takinash	V. 212 - ? = ⲧⲁⲕⲓⲛⲁⳬ
4;3;7	*Wynn* = [**W*ȝynn*]	**W[a]ï[a]n[i]n**	Greek [IE = Armenian 'հույն' 'Houyn']	V. 231 - (Demotic) = Extrapolated from *ȶȝ Wynn* (Demotic) = ⲟⲩϵϵⲓϵⲛⲓⲛ ⲟⲩϵⲓⲛⲓⲛ ⲟⲩⲁϵⲓⲁⲛⲓⲛ ⲟⲩⲁⲓⲁⲛⲓⲛ
4;2;6	*mḥrr*	**[a]mHr[é]r[è]**	scarab	V: 11 - (Demotic) = ⲁⲙϩⲣⲏⲣϵ
4;2;6	*ȝnḏr*	**Andj[i]r[i]**	beans (similar to lentils) unidentified?	V: 14 - (Demotic) = ⲁⲛϭⲓⲣⲓ
4;2;6	*gmwl*	**g[a]m{[ô]w}l**	camel	V. 341 - (Demotic) = ϭⲁⲙⲟⲩⲗ ϫⲁⲙⲟⲩⲗ
4;2;6	*gngn*  Wb 5, 177.8	**g[i]ng[i]n / dj[i]ndj[i]n**	salad rocket? (*Eruca sativa*?)	V. 344 - MK = ϭⲓⲛϭⲓⲛ ϫⲓⲛϫⲓⲛ roquette (*Eruca sativa*)
4;2;6	*ḥrḥr* Andreu/Cauville, RdE 29, 1977, 10 (TLA) = *ḥrḥ* (Demotic)	**H[ô]r[é]H[è]r ['H' accentuated] /** **H[ô]r[é]kh[è]**	guard, keep [IE = English: 'guard'? French: 'guarder'?]	V. 312 - ? = ϩⲁⲣϩϩϵ ϩⲁⲣϩϩ ϩⲁⲣϵϩ ⲁⲣϵϩ ϵⲣϵϩ ϵⲣϩϩ
4;2;6	*lnḏp*	**l[a]ndj[a]p**	pitch	V: 98 - (Demotic) = ⲗⲁⲙϫⲁⲡⲧ ⲗⲁⲙϫⲁⲧⲡ [metathesis]
4;2;6	*mnnn*  Wb 2, 82.9-14	**mn[o]n[ô]n**	bitumen, pitch; resin	V: 109 – NK = ⲙⲓⲟⲗⲱⲛ
4;2;6	*nnšm*  Wb 2, 276.17-20	**n[ô]n[ô]shm**	spleen [French 'rate']	V: 141 - OK (Pyr) = ⲛⲱⲓⲱⳬ [V. states that this is a case of the law of STAUB where n = y (or similar) in front of a fricative] ⲛⲟϵⲓⳬ
4;2;6	*ḳpḳp*	**q[a]pq[i]p**	ant	V. 351 - (Demotic) = ϭⲁϫⲓϥ ϫⲁⲡϫⲓⲡ ϫⲁϥϫⲓϥ
4;2;6	*ḳrḥ.t* = *ḳȝḥ.t* Wb 5, 62.12-63.4	**q[a]r[a]Ht[*é*] /** **qAr[a]Ht[*é*]**	pot, bowl, jug [and similar containers] [IE = French 'carafe'?]	V. 339 - OK = ϭⲗⲗϩϩϵ ϭⲗⲗϩϩ ϭⲗⲗϵϩϩ
4;0;4	*ꜥȝgȝs* [{*ꜥȝ}gȝs]  = *ꜥgs* Wb I 36 10	**{*ô*}gAs**	belt	V: 6 - NK (XVIII) = ⲁϫⲏϹ ⲁϫⲉϹ
4;0;4	*ȝlly* = *i3rr.t*	**allï**	grape	V: 41 - (Demotic) = ⲁⲗⲗⲁⲗⲓ ⲁⲗⲟⲗⲓ ⲉⲗⲗⲗⲉ ⲉⲗⲟⲟⲗⲉ
4;0;4	*ȝmys* = *ims.t* Wb 1, 88	**Amïs**	dill (*Anethum graveolens*)	V: 43 - (Demotic) = ⲁⲙⲓⲥⲓ ⲉⲙⲓⲥⲉ
4;0;4	*ȝrmȝ.t*	**ArmA**	tear [IE = Latin: larma]	Vieira: 239 - (Demotic),
4;0;4	*bȝgȝs* 	**bAgAs / bAgAsï**	wrongdoing; revolt [IE = 'bagarre' French?]	V: 30 - MK = Related to ⲃϵⳮϵ

	= *bgs* [*bꜣgꜣsy*] Wb 1, 483.4-5			ⲃⲉⲍⲉⲩ 'rebel'?
4;0;4	*bꜣyr* [*b{ꜣy}r*] = *b{ꜣy}rii* Wb 1, 484.16	**b{o}r[è]**	river fish indeterminate (*Mugil cephalus*?) [bAïr = baharin? 'river'?]	V: 30 - Dyn. ? = ⲃⲱⲣⲉ ⲭⲟⲣⲓ ⲫⲟⲣⲓ 'muge, mulet'
4;0;4	*bnḏꜣ*	**bndjA**	plate in metal [IE? = Armenian 'bnag'?]	V: 29 - (Demotic) = ⲃⲓⲛⲁⲍ ⲡⲓⲛⲉϫ
4;0;4	*gꜣfy* Wb 5, 158.12-16 = *gf* = *gf.w* (Neo Eg.) (Demotic)	**gAfi / g[a]f**	monkey (of small size?); macaque [IE = Armenian 'kapig']	V. 344 - NK (XIX) = ϭⲁⲡⲓ 'monkey'
4;0;4	*ḥmḏ* [*ḥmḏꜣ*] Wb 3, 99.13	**H[è]{mé}djA**	vinegar; inferior quality wine	V. 303 - Neo Eg. = ϩⲙⲍ ϩⲉⲙⲍ
4;0;4	*hꜣṯs* Wb 2, 482.8-9	**HAtch[è]s**	recipient of some kind (in black or white *mnw* stone)	V. 317 - OK = ϩⲁⲧⲥ ϩⲟⲧⲥ
4;0;4	*ḥm{ꜣy}ti.t*  = *ḥmtꜣ.ii.t* [*ḥmt{ꜣy}.t*] = *ḥmꜣm{wy}ti* = *ḥmꜣmwti* = *ḥmꜣmti* = *ḥm* (Demotic) Wb 3, 93.14-94.3	**Hm{o}{tè} /** **Hmt{o} /** **HmAm{ō}{tè} /** **HmAm[{ô}w]{tè} /** **HmAm[o]{tè} /** **Hm[o]**	salt [connection with 'Hamamat' of Wadi Hamamat, i.e. '[the' salt wadi'?]	V. 298 - MK = ϩⲙⲟⲩ {DIA}
4;0;4	*mrt*	**mtat**	bride	V: 122 - (Demotic) = ⲙⲧⲁⲧ 'licou, laisse'
4;0;4	*nnyb* [*nnyb*] Wb 2, 276.9-14 = *nrib.w* = *nnb* = *nꜣb* = *nyb* [*nwb*] 'sort of wood' Wb 1, 63.10-14	**n[e]næb[è] /** **n{o}b[è] /** **n{[ô]}n{[ô]}b[è]** **nAb[è] /** **n{o}b[è]**	styrax?; odoriferous resin; tree parts	V. 144 - NK (Dyn. XVIII) = ⲛⲉⲛⲉⲃⲉ ⲛⲉⲛⲉⲉⲃ = *nywbn*  'odoriferous tree'
4;0;4	*ḳꜣrt* [*ḳꜣrti*] Wb 5, 66.6 = *glt* (Demotic)	**qAr{t[é]} / glt[è]**	stone of a precious nature, set in gold	V. 339 - Neo Eg. = ϭⲗⲧⲉ
4;0;4	*srt* [*srti*]  Wb 4, 49.2	**sar{tè} / sart**	wool	V. 197 - Neo E. = ⲥⲟⲣⲧ

	= *sʿrt* (Demotic)			
4;0;4	*š3tb* [*š3tib*] Wb 4, 557.8	**shA{tè}b ['t' accentuated]**	muzzle (French: 'museler'); lock (enemy in town)	V. 272 - NK = ⲯⲱⲧⲃ
4;0;4	*wʿrt*	**wart**	wool [IE = English 'wool']	Vieira: 246 - (Demotic)
3;3;6	*dšr* Wb 5, 487.9	**[a]d[é]sh[i]r**	flamingo (*Phoenicopterus roseus*)	V: 48 - ? = ⲁⲧⲏⲯⲓ
3;3;6	*wnnm* Wb 1, 323.3	w[a]n[ô]m[è] ['n' accentuated?]	gangrene? (product of the decomposition of an swollen body part)	V. 233 - ? [Med] = Perhaps equal to ⲟⲩⲁⲙⲟⲙⲉ 'gangrene'
3;2;5	*mrḥ* Wb 1, 111.13	**[a]mr[é]H[è] / [e]mr[é]H[è]? schwa?**	pitch [; asphalt]	V: 11 - ? = ⲁⲙⲣⲏϩⲉ ⲁⲙⲣⲉϩⲓ 'asphalt'
3;2;5	*ʿšr**	**ash[i]r[a]***	chameleon [*reconstructed form proposed by Vycichl]	V: 20 - ? = ⲁⲯⲓⲣⲁ
3;2;5	*ḫnfy*	**kh[a]n[oo]fï**	Nile carp? (*Barbus bynni*) Arab: 'bunni'.	V: 84 - (Demotic) = ⲕⲁⲛⲟⲩⲫⲓ
3;2;5	*lby* = *rb{wy}* [*rb{wy}*] Neo Egyptian 	**l[a]b[o] /** **r[a]b{ō}**	lioness; bear [IE = Latin 'leo', English 'lion'?]	V: 94 – (Demotic). = ⲗⲁⲃⲟⲓ (*lb* = the god Min as lion; also *r3bw* found inscribed above the figure of a lion - uncertain) [may be a foreign term and sounds like it]
3;2;5	*mrḫ*  Wb 2, 112.11-12 = *mtrḫ* Wb 2, 174.15	**mr[ô]kh[è] /** **{mé}r[ô]kh[è] ['kh' accentuated] /** **mtr[ô]kh[è]**	strainer, vessel in bronze	V: 121 – Late Per. = ⲙⲣⲱⲯⲉ ; vessel of some kind'. See *mrḫ* [*mʿrḫ*].
3;2;5	*nḳr*	**n{[ô]w}q[è]r**	scissor	V: 132 - (Demotic) = ⲛⲟⲩⲕⲉⲣ
3;2;5	 Wb 4, 276.18-277.7	s[oo?]s[i]m	horse	V: 81 = NK? = Hebrew 'susim'

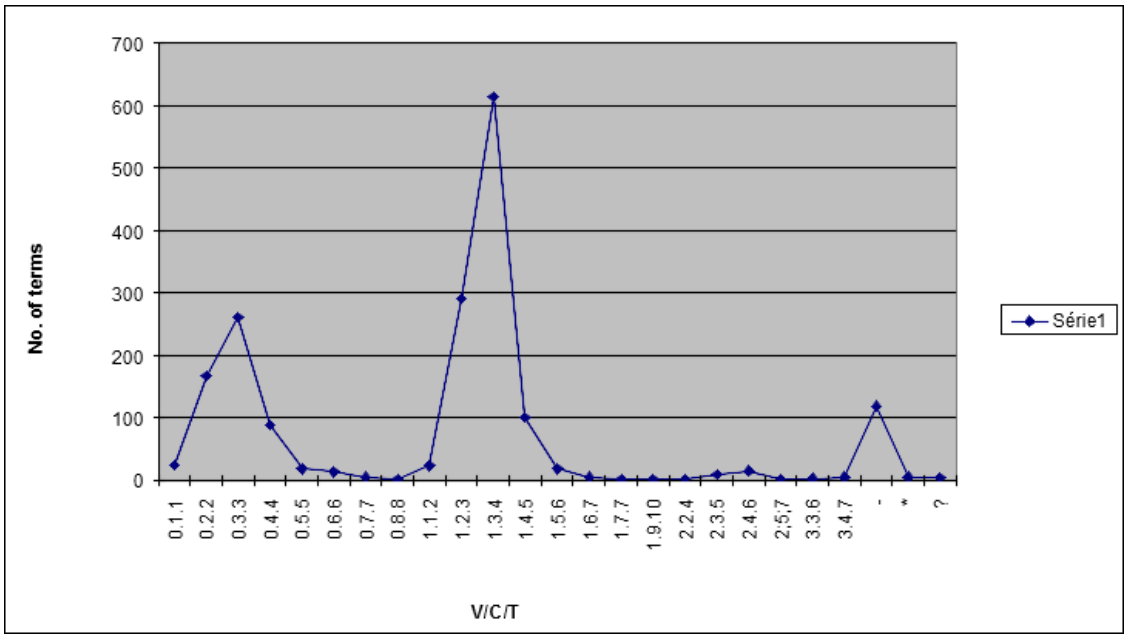


Fig. 2: Graph of hieroglyphic terms classified by V/C/T ratio i.e. [Missing] vowel / [Apparent] consonants and semi-consonants~semi-vowels / Total number of phonemes in any term. The table is based on the data collected and presented in Table 11 (below), itself gathered from the Part III dictionary classified by V/C/T.

The above graph is based on the data of Table 11 (next page). It shows the 1795 terms of the dictionary classified by V/C/T ratio. Categories starting with a '0', i.e. ranging from 0.0.1 to 0.8.8 are the hieroglyphic terms where vocalisation did not resituate a non-apparent full vowel, which is to say terms which may be solely pronounced with the written consonants and semi-vowels expressed by the script. The latter including digraphs/diphthongs as this type of vowel is expressed by two semi-vowels, as explained before. Categories starting with '1' or '2' or '3' are the hieroglyphic terms where vocalisation resituated one or more vowel (see Table 4 and 5 above for a list of these vowels). Table 12 (below) recalibrates the figures of Table 11 by removing the '*', '-' and '?' categories, which are the reconstructed words, the composite and other terms for which a V/C/T cannot be established (as composed of two terms), as well as the few doubtful vocalisations. This recalibration reducing the total number of words from 1795 to 1667.

Hence, the data and percentages recalibrated, V/C/T bi- and tri-consonantal terms (categories 0;2;2, 0;3;3, 1;2;3 and 1;3;4) constitute the core of the Ancient Egyptian vocabulary with a total of 79,97% - hence 80% - of the 1667 vocalised terms of the dictionary. If one adds the 0;1;1 and 1;1;2 categories of terms, this percentage reaches 82,79% of the same 1667 terms. What is of far greater importance is that for 55,67 % of the terms of this core vocabulary, i.e.; those of the 1;1;2, 1;2;3 and 1;3;4 categories **only a single vowel needs to be resituated. In other words, Ancient Egyptians knew that for more than one word out of two only one vowel was missing and the question was to resituate it, or not (if not then 0.1.1, 0.2.2 or 0.3.3) to read phonetically the term and understand its meaning.** The latter constituting a fundamental discovery.

Whereas the data and graph also reveal that foreign terms usually contain from four to nine consonants and often more than one vowel and up to three. With a mixed but clear frontier, situated in the 0;4;4 and 1;4;5 categories, which is to say terms which have as skeleton four consonants or semi-consonants, separating these and the other high numbered consonantal categories from the core of the Ancient Egyptian vocabulary.

Table 11: Table of hieroglyphic terms classified by V/C/T ratio

0.1.1	**24**	1,34	**A single consonant or semi-consonant**
0.2.2	**167**	9,30	**Two consonants or semi-consonants**
0.3.3	**261**	14,54	**Three consonants or semi-consonants**
0.4.4	**88**	4,90	**Four consonants or semi-consonants & appearance of many foreign terms**
0.5.5	**18**	1,00	Foreign terms or suspected so
0.6.6	**13**	0,72	Foreign terms or suspected so and one onomatopoeia
0.7.7	**5**	0,28	Foreign terms or suspected so
0.8.8	**1**	0,06	Foreign?: 'Worm'
1.1.2	**23**	1,28	**A single consonant or semi-consonant + a single vowel to resituate**
1.2.3	**291**	16,21	**Two consonants or semi-consonants+ a single vowel to resituate**
1.3.4	**614**	34,21	**Three consonants or semi-consonants + a single vowel to resituate**
1.4.5	**101**	5,63	**Four consonants or semi-consonants + one single vowel to resituate & appearance of many foreign terms**
1.5.6	**18**	1,00	Foreign terms or suspected so, minus a few Egyptian terms including two toponyms
1.6.7	**5**	0,28	Foreign term: 'Georgios' (Greek) and 'Roman'
1.7.7	**1**	0,06	Foreign?: 'Ammoniac'
1.9.10	**2**	0,11	Foreign terms, including 'Cleopatra' (Greek)
2.2.4	**2**	0,11	One onomatopoeia and one odd word
2.3.5	**9**	0,50	Foreign terms or suspected so
2.4.6	**15**	0,84	Foreign terms or suspected so, minus one possible Egyptian term 'bring' and two onomatopoeias
2;5;7	**1**	0,06	Foreign?: 'Scarab'
3.3.6	**3**	0,17	Foreign terms or suspected so
3.4.7	**5**	0,28	Foreign terms
-	**119**	6,63	Method not applicable (composite terms, etc.)
*	**5**	0,28	Reconstructed words
?	**4**	0,22	Vocalisation uncertain
TOTAL	**1795**	**100**	%

Table 12: Recalibrated table of hieroglyphic terms classified by V/C/T ratio, minus '-', '*' and '?' categories

0.1.1	**24**	1,44	
0.2.2	**167**	10,02	
0.3.3	**261**	15,66	
0.4.4	**88**	5,28	Border between Egyptian and foreign terms
0.5.5	**18**	1,08	
0.6.6	**13**	0,78	
0.7.7	**5**	0,30	
0.8.8	**1**	0,06	
1.1.2	**23**	1,38	
1.2.3	**291**	17,46	
1.3.4	**614**	36,83	
1.4.5	**101**	6,06	Border between Egyptian and foreign terms
1.5.6	**18**	1,08	
1.6.7	**5**	0,30	
1.7.7	**1**	0,06	
1.9.10	**2**	0,12	
2.2.4	**2**	0,12	
2.3.5	**9**	0,54	
2.4.6	**15**	0,90	
2;5;7	**1**	0,06	
3.3.6	**3**	0,18	
3.4.7	**5**	0,30	
TOTAL	**1667**	100	

NON EXPRESSED VOWELS

How may we know that the hieroglyphic script does not show vowels which were once expressed during speech? As mentioned in the introduction, had a recording of the pharaonic language and of its vowels been possible, then science would have had a definite proof of their existence. But because this was obviously not possible then, aside from the common linguistic argument that all languages without known exception use vowels, an answer to this question comes from a simple reasoning that: a/ - since Coptic is the last stage of the pharaonic language, and b/ - since Coptic expresses vowels (including for words known to exist in pharaonic time), then c/ - Ancient Egyptian must have had vowels which are seemingly not shown in the hieroglyphic script. An assumption which is in fact not only supported by Coptic, but also by Ancient Egyptian words which have found their ways into various foreign languages (Akkadian, Hittite, Greek, etc…) and are expressed in these languages' respective script. Moreover, the existence of non-apparent vowels is in fact equally also betrayed by pharaonic scribal variants which reveal usually hidden full vowels by substituting them with phonologically close semi-vowels.

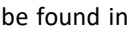
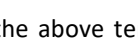
A first type example of this may be found in a variant of the term 'persea tree' which is usually written as:  *šwb* and which, because of Coptic **ϣⲟⲩⲏⲃⲉ ϣⲟⲩⲏⲃ ϣⲟⲩⲏⲫⲉ ϣⲃⲉ**, may be vocalised as {:**shw[é]b[è]** or {:**sh{[ô]w}[é]b[è]**. A variant of the above term is however known, i.e.,  *š3w3b.w*[26] which is easier to vocalise as {: **shAwAb[è]** in view of the two supplementary phonemes *3* which the scribe has decided to add. This variant is in fact extremely precious as it is quite clear that the scribe has expressed with an *3* not only the invisible accentuation after the first consonant '*š* / sh', but ALSO the invisible accentuated vowel 'é' coming after the second consonant *w,* and which in Coptic appears as '**ⲏ**'. Whereas the third and final 'accentuation / stress' of the last consonant 'b' is hidden in both hieroglyphic terms, but <u>is</u> not in Coptic as the term **ϣⲟⲩⲏⲃⲉ** or its alternative **ϣⲟⲩⲏⲫⲉ** clearly express this accentuation with a final **ⲉ**. In other words, *š3w3b.w* shows what *š[3]w[3]b* does not but still does not reveal all which was pronounced and which could have equally been expressed as *š3w3b<u>3</u>.w* if the scribe had wished to fully express the two hidden stresses **ⲉ** plus the hidden vowel é/**ⲏ**. Something which even the available Coptic variants do not do as variant ***ϣⲉⲟⲩⲏⲃⲉ** is not available, when it would in fact express better, using Coptic letters, how the Ancient Egyptian term was originally pronounced. A similar example is found with the possibly foreign term *šnš*. The Coptic term **ϩⲛⲁϣ** reveals that an open vowel 'a' is non expressed in the Ancient Egyptian term *šnš,* transliteration in fact to be corrected as *š3nš* as the *3* is clearly expressed. This is confirmed by a known variant *š3n3š* which not only expresses this *3* but also expresses by a second *3* the non-visible above open [a]. Table 13 below summarizes this:

Table 13: Example of alternative scribal writing showing an otherwise invisible accentuation or stress

1;4;5	*šnš [š3nš]* = *š3n3š* Wb 4, 517.7	**shAn[a]sh** **ShAnAsh**	putrid, brackish, smelly (said of water)	V. 267 - Neo Eg. = **ϩⲛⲁϣ** [metathesis] **ϣⲟⲛϣ** 'stink'

A substitution similar to that which have seen above with *šwb/š3w3b.w* except that in this instance the second *3* expresses an invisible accentuated 'é'/**ⲏ**.

These examples are two among many available and demonstrate how scribes could interchange phonemes to express the phonetics of their terms. **For our purpose**, i.e., the demonstration of the existence of non-expressed vowels, **this phonemic interchangeability is as strategic than revealing.** Today the orthography and grammar of most language are very rigidly fixed, i.e., precisely defined. We are accustomed to this and manuals and books are easily available for reference in such matters. The reader needs to understand that in the ancient world this was not the case.

[26]Faulkner, A Concise Dictionary of Middle Egyptian, 2019 (1977): 263 & Wb 4, 435.10-14

Orthography was at the time much more varied for many a reason, including the lack of reference material or because of local dialects. As a result, it was very loose and subject to scribal inventions (see Appendix 2), aberrations, interpretations and of course mistakes. This is clearly the case for Ancient Egyptian and Coptic despite the very old canonization of the former. To draw a modern parallel, the XIXth century western Armenian literature is full of such orthographic inventions or mistakes. This is because although a very old language Armenian had to wait the birth of the Soviet Republic of eastern Armenia in the 1920's to see, in the following decades, its orthography and grammar not only simplified by its National Academy, but also precisely defined in manuals and textbooks so as to fix them.

DIGRAPHS: STATISTICS

The following table and graph show that three digraphs *3y, iw* and *i3* are the most frequent, accounting for two third or more precisely **63,07 %** (33.57%, 17.03 % and 12.47 % respectively) of all 417 occurrences across the vocabulary of the dictionary. This is similar to what was found for the 199 occurrences presented in the first edition where these same digraphs/diphthongs accounted for **66,34 %** (29,15%, 20,10 % and 17,09 % respectively). As explained earlier, the reason for the more than double number of occurrences in this dictionary is that not only the author is more proficient in recognizing digraphs, but also many variant writings using digraphs were also added. Table 14, below, sums up the number of occurrences for each of the ten digraphs, as well as their respective percentages.

Table 14: Number of occurrences and percentage of each type of digraphs across the vocabulary of the dictionary

Voc	Digraph	Occ.	%
{o}	*3y*	140	**33.57**
{è}	*iw*	71	**17.03**
{Au}	*3w*	52	**12.47**
{ä}	*i3*	42	**10.07**
{*ô*}	*wy*	39	**9.35**
{*â*}	*ꜥ3*	28	**6.71**
{Ã}	*3ꜥ*	17	**4.08**
{*õ*}	*ꜥy*	17	**4.08**
{ã}	*ꜥꜥ*	6	**1.44**
{õ}	*iꜥ*	5	**1.2**
		417	**100**

What is also statistically important is that and , which are often exchangeable, account for almost half of the digraphs/diphthongs found (46%).

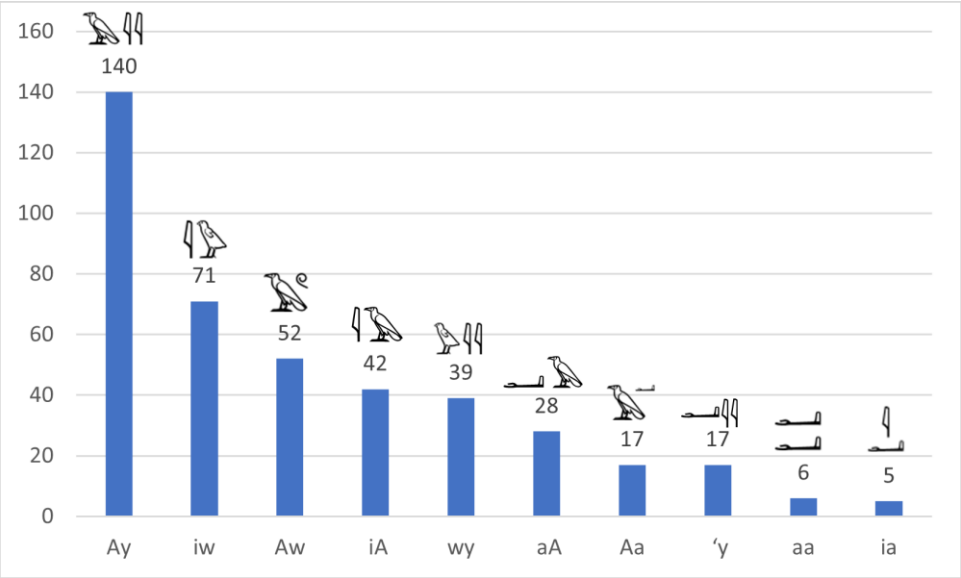


Fig. 3. Graph of the number of occurrences of each ten digraphs/diphthongs across the vocabulary

VERBS: STATISTICS

536 verbs of the dictionary are vocalised hence constituting 29,86 % of the 1795 terms listed (Table 15, below). 49,22% of them (calibrated) have a V/C/T ratio of 1;3;4 and 14,84% a V/C/T ratio of 0;3;3. In other words 64,06% of the verbs are tri-consonantal. **More importantly 74,02 % of all verbs (categories 1;1;2 to 1;6;7) can be vocalised by resituating a single vowel** (see below).

Table 15: Verbs classified according to V/C/T

VERBS			**VERBS** Calibrated*		
-	**24**	4,48			
0;1;1	**3**	0,56	0;1;1	**3**	0,59
0;2;2	**37**	6,90	0;2;2	**37**	7,23
0;3;3	**76**	14,18	0;3;3	**76**	14,84
0;4;4	**16**	2,99	0;4;4	**16**	3,13
0;6;6	**1**	0,19	0;6;6	**1**	0,20
1;1;2	**3**	0,56	1;1;2	**3**	0,59
1;2;3	**80**	14,93	1;2;3	**80**	15,63
1;3;4	**252**	47,01	1;3;4	**252**	49,22
1;4;5	**36**	6,72	1;4;5	**36**	7,03
1;5;6	**4**	0,75	1;5;6	**4**	0,78
1;6;7	**2**	0,37	1;6;7	**2**	0,39
2;4;6	**2**	0,37	2;4;6	**2**	0,39
	536	**100**	Total	**512**	**100**

*Calibrated i.e. without composite verbs = '-' category

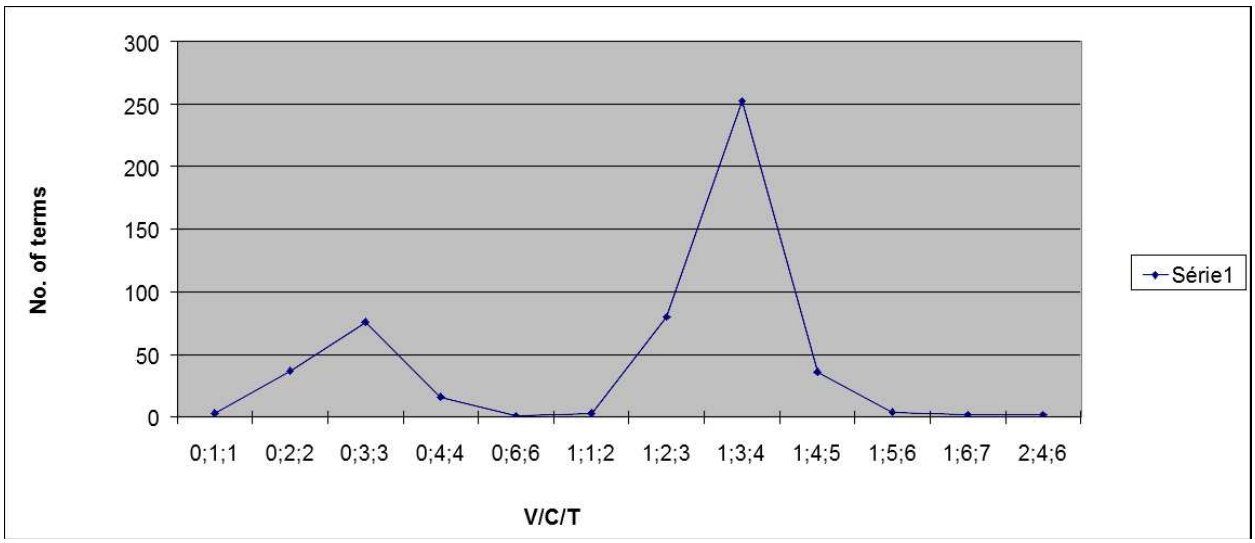


Fig. 4. Statistical graph of calibrated V/C/T ratio of verbs

Rules regulating the vocalisation of verbs ('ô' and '*ȝ*')

As a rule, **verbs are as stable in their phonetical expression as substantives or not** - with often many variants available for the latters across time, with added signs or not. They are seemingly constructed according to the two following construction rules.

Category 1: Verbs with [ô]

In most cases the missing/invisible vowel is a long vowel '[ô]' to be resituated after the first opening consonant.

Hence the construction is usually as follows:

Consonant No. 1	[Invisible vowel No. 1] = ['ô']	Consonant No. 2	Consonant No. 3

Table 16: Examples of verbs with '[ô]' as second phoneme selected from areas *ḫ*, *s* and *t* of the dictionary [27]:

Meaning	**Translit.**	**AE**				**Coptic**			
		C1	**V1**	**C2**	**C3**	**C1**	**V1**	**C2**	**C3**
clothe	*ḥbs*	**H**	**[ô]**	**b**	**s**	ⲉ	ⲱ	ⲃ	ⲥ
Kill	*ḥtb*	**H**	**[ô]**	**t**	**b**	ⲉ	ⲱ	ⲧϵ[28]	ⲃ
sink in	*ḥrp*	**H**	**[ô]**	**r**	**p**	ⲉ	ⲱ	ⲣ	ⲡ
perish	*ḥtm*	**H**	**[ô]**	**t**	**m**	ⲉ	ⲱ	ⲧ	ⲙ
embrace	*ḥtp*	**H**	**[ô]**	**t**	**p**	ⲉ	ⲟ[29]	ⲧ	ⲡ
hear	*sḏm*	**s**	**[ô]**	**dj**	**m**	ⲥ	ⲱ	ⲧ	ⲙ
swallow	*sḫb*	**s**	**[ô]**	**ħ**	**p**	ⲥ	ⲱ	ⲉ	ⲡ
repel	*sḥr*[30]	**s**	**[ô]**	**H**	**r**	ⲥ	ⲱ	ⲉ	ⲣ
bind	*snḥ*	**s**	**[ô]**	**n**	**H**	ⲥ	ⲱ	ⲛ	ⲉ
suck	*snḳ*	**s**	**[ô]**	**n**	**q**	ⲥ	ⲱ	ⲛ	ⲕ
sting	*tbs*	**t**	**[ô]**	**b**	**s**	ⲧ	ⲱ	ⳉ	ⲥ
anoint	*tḥs*	**t**	**[ô]**	**H**	**s**	ⲧ	ⲱ	ⲉ	ⲥ
dip	*tḫb*	**t**	**[ô]**	**kh**	**b**	ⲧ	ⲱ	ⲋ	ⲃ
be quick	*tkn*	**t**	**[ô]**	**k**	**n**	ⲧ	ⲱ	ⲅ	ⲛ
bury	*tms*	**t**	**[ô]**	**n**	**s**	ⲧ	ⲱ	ⲙ	ⲥ

[27]For the purpose of the demonstration the author has selected from three randomly chosen areas of the dictionary verbs which do not pose any vocalisation peculiarities or difficulties. These are the greater number but of course some verbs have endured more complex shifts.

[28] ϵ indicates only an accentuation, and may or may not appear (see the chapter on accentuation). The Coptic word could alternatively be correctly written **hwtb*. This is why both phonemes are put in the same column as they count for one sound and not two.

[29]Here the long [ô] has shifted in an open 'o' - a most common of shifts.

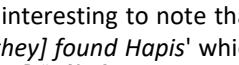
[30]Corrected *s-ḥry*.

The following order is also possible and often seen, i.e., **the invisible vowel [ô] is placed after the second consonant.**

Consonant No. 1	Consonant No. 2	[Invisible vowel No. 1] = ['ô']	Consonant No. 3

Table 17: Examples of verbs with '[ô]'as third phoneme selected from area *ḥ, s* and *t* of the dictionary :

Meaning	Translit.	AE				Coptic			
		C1	C2	V1	C3	C1	C2	V1	C3
fall	*ḥdp*	H	d	[ô]	p	ϩ	ⲧ	ⲟ	ⲡ
sit down	*ḥms*	H	m	[ô]	s	ϩ	ⲙ	ⲱ	ⲥ
bind tog.	*ḥtr*	H	t	[ô]	r	ϩ	ⲧ	ⲟ	ⲣ

It interesting to note that this invisible 'ô' has survived in the Greek version of  *Gm(y)-w ḥpy* [*Gm.w ḥpy*] '*[they] found Hapis*' which gives in Greek 'K**o**moapij' with the 'o' being equal to the long Egyptian 'ô' of verbs. Equally in *Gm-w ḥr* [*Gm.w ḥr*] '*[they] found Horus*' = 'K**o**mwur' [31].

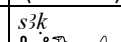
Category 2: verbs with *ȝ*

There is however a second group of verbs constructed by inserting a semi-vowel *ȝ in lieu* of the long vowel [ô], i.e., after the first opening consonant. These verbs are also the more often tri-consonantal and have hence a V/C/T of 0;3;3. The interesting point is that for some of these verbs this *ȝ* shifted/reverted to the long [ô] in Coptic. That is unless an alternative/double writing existed as for *ḥbḳ / ḥȝbḳ* (see next page) which we do not have from texts, or at least not yet.

Table 18: Examples of verbs with *ȝ* as second phoneme

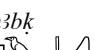
0;3;3	*gȝb.w* = *gby* [*gb*] Wb 5, 161.8-162.5 = *gb* (Demotic)	**gAb**	weak (be); miserable (weak)	V. 335 - MK = ϭⲃⲃϵ ⲭϵⲃⲓ [last from TLA] ϭⲱⲃ ⲭⲱⲃ ⲭⲱⲃⲓ
0;3;3	*gȝp* [*gȝp.w*] Wb 5, 166.3	gAp[*é*]	grab? (verb used in an obscure context) [IE = English 'grab']	V. 345 - Neo Eg. = ϭⲱⲡϵ ϭⲱⲡ ϭⲱⲡⲓ 'grab'
0;3;3	*hȝb* Wb 2, 479.13-481.1 = *hb* (Demotic)	**hAb**	send	V. 288 - OK = ϩⲱⲃ ϩⲗⲃ
0;3;3	*ḥȝp* Wb 3, 30.6-31.6 = *ḥp* (Demotic)	**Hap**	hide [IE = English 'hide']	V. 307 - MK = ϩⲱⲡ
0;3;3	*ḳȝb* Wb 5, 22.3 = *ḳb?* (to double ; to multiply) 	**qAb**	fold, wind (to)	V: 71 - Second Int. P. = ⲕⲏⲃ ⲕⲱⲃ

[31] Vycichl, p. 342.

	Wb 5, 8.7-9.12 = *ḳb* (Demotic)			
0;3;3	*s3ḳ*  Wb 4, 25.6-26.5	**sAq**	pick up; pull together; be wary of	V. 186 - OK (Pyr) = **ⲥⲉⲕ ⲥⲱⲕⲓ**

In at least one case, both formations seem to have been used for a verb. Unless the variant with *3* is a scribal aberration confusing the group / formation to which the verb should belong, i.e., belonging to the first [ô] group. Something which the unexpected 0;4;4 ratio, which should be 0;3;3 as explained above, seems to suggest:

Table 19: Example of a verb with alternative [ô] / *3* construction

1;3;4	*ḥbḳ* 	**h[ô]bk**	harpoon, stick; crush, beat, triturate	V. 289 - 2nd Interm. Per. = **ϩⲱⲃⲕ** 'stick' (French: 'aiguilloner')
	=			
0;4;4	*ḥ3bḳ*  Wb 2, 488.3-5	**HAbk**		

Principles regulating the expression of the accentuated stress ('è')

The term 'accentuated', appearing in column C and abbreviated 'accent.' in column F, should be taken as indicating that the vocalised consonant is stressed to the point of accentuation. Not that it is ending with an accentuated vowel even if this is how it appears in its Coptic equivalent expressed by an '**ϵ**' immediately following the said consonant. The existence of this stress will not always be obvious to the reader at the beginning and in many cases, it will perhaps seem that the Coptic '**ϵ**' in fact expresses a vowel which is hidden in the hieroglyphic script - hence implying that many terms would in fact have a V/C/T ratio of 1.3.4 instead of the listed 0.3.3. Experience showed however that when this '**ϵ**' follows consonants, 't' and 'd' in particular, it does express an accentuation / stress of the phoneme. Stress which is often confirmed by alternative writings such as in particular the unequivocally stressed phonemic compound '{t*é*}, as demonstrated in the table below.

Table 20: Example of a term with {t*è*} accentuation

0;3;3	*wʿti* 	**w*a*{t*é*}**	alone; unique; isolated, separated	= **ⲟⲩⲁⲧⲉ ⲟⲩⲱⲧⲉ ⲟⲩⲟⲧ**
	OR / (=) / alternatively written			
0;4;4	*wʿ.t-y* [*wʿty*] 	**w*a*t[*è*]ï ['t' accentuated]**		

This Ancient Egyptian ending accentuation is expressed in Coptic with an **ϵ** but alternatively with an **ⲓ** in Bohairic, both variants existing for great many words. Table 21 (next page) shows a few examples.

Table 21: Example of Coptic terms with alternative ϵ / ı ending

1;2;3	*ḏb.t* = *db.t* = *tb.t* Wb 5, 553.7-554.18	**dj[ô]b[è] /** **d[ô]b[è] /** **t[ô]b[è] ['b' accentuated]**	brick; ingot; sheet	V. 210 - OK (Pyr) = ⲧⲱⲃϵ ⲧⲱⲃⲓ
1;2;3	*ḥb* Wb 3, 61.14	**H[ô]b[è] ['b' accentuated]**	mourn	V. 288 - MK = ϧⲏⲃϵ ϧⲏⲃⲓ
1;2;3	*ms* Wb 2, 140.8	**m[a]s[è] ['s' accentuated]**	calf [lit. born [cow]]	V: 121 – MK = ⲙⲁϲϵ ⲙⲁϲⲓ
1;2;3	*msy* [*ms*] Wb 2, 142.2	**m[é]s[è]**	interest [from a loan; lit. 'the born [fruits/seeds/grain]]	V: 122 – MK = ⲙⲏϲϵ ⲙⲏϲⲓ

One in particular is of the greater interest as it explains the second/final 'i' in the name of Osiris, i.e., in Coptic ⲟⲩϲⲓⲣⲓ, which seems to be an alternative dialectal stress of the kind just listed:

Table 22: Alternative ϵ / ı endings for the name 'Osiris'

1;4;5	*Wsir* = *Ws* Wb 1, 359.5	{[Oo]}s[i]r[i]? / **{[Ô]w}sAr[è]**	Osiris	V: 238 & 32 - NK = ⲟⲩϲⲓⲣϵ ⲟⲩϲⲓⲣⲓ.

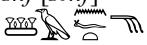
The phonetic compound *mˁ* = {mé} also indicates an unequivocal accentuation of the 'm' which is perfectly reproduced in Coptic: as ⲙⲏ as found in the type Ancient Egyptian word *mˁrš* {:{mé}rsh 'red (light or bright) ' which is exactly phonetically reproduced in Coptic by ⲙⲏⲣⲯ, i.e. {: mérsh].

In fact, Ancient Egyptian accentuation ϵ is also expressed [32] in some cases in Coptic by the superlinear stroke, as for example in:

m bꜣḥ Faulkner, 77 = *m bꜣḥ* [(Demotic)]	**m[è]-bAh/** **m[è]-mAH**	in front	V: 33 - ? = ⲙ̄ⲙⲁϩ ⲙⲙⲁϩ
ḫnm Faulkner, 192	**kh[ô]n[è]m ['n' accentuated]**	smell, inhale, breath (a pleasant smell); 'smell' (n.) [French: 'odorat']	V. 260 - MK = ϣⲱⲙ̄ⲙ ϣⲟⲗϵⲙ

[32] See Worrell, W.H. Syllabic Consonants in Sahidic Coptic. *ZAS* 69 (1933): 130-131 for an interesting discussion of super linear stroke including its interchangeability with ϵ.

This accentuation ϵ could seemingly also be expressed by *ȝ* as for example in:

šnf [*šȝnf*]  Wb 4, 515.2	**shAnf[è]** **['f' accentuated]**	scale (of fish)	V. 267 - NK = ⲱ̅ⲛϥϵ ⲱϵⲛϥⲓ

where in Coptic the accentuation after ⲱ is either expressed by the superlinear stroke, hence ⲱ̅, or its equivalent ⲱϵ.

The compound phoneme {[ô]w} and the vocalisation of the plural in 'owè'

The apparently innocent sign for the chick (or its common alternative) hides what is possibly the most important and difficult sound of the Ancient Egyptian language. As we know it, it stands for a glide *w* which, as the value of this semi-consonant/semi-vowel goes, is in fact correct. The deception lies in the fact that this '*w*' is the apparent second phonetic part of a complex sound which may with Latin letters be best expressed by the vibrant phonetic compound 'ôw'. In other words, the 'ô' part, i.e. the attacking long vowel is not visible whereas the semi-consonant '*w*' is. Once this understood, the pronunciation for example of *miw* 'cat' shifts from the traditional Egyptology reading '*miw*' to '*mæow*'. Clearly the onomatopoeia for the miaow of a cat, as it is in English. And almost exactly identically written/pronounced in American English as it is in Ancient Egyptian, ie '*meow*'. That is, if the invisible long 'ô', so characteristic of cat sounds and fully expressed in an array of languages by the diphthong aʊ for that term, is resituated.

In this study, this vocalised sound is written **'{[ô]w}**'. The parentheses {} indicating that we are dealing with a **compound phoneme,** and the brackets [] that the phoneme 'ô' is invisible. Sound so complex that Coptic scholars had apparently the greatest of difficulties in expressing it with Coptic letters, resulting in an array of attempts and/or variants which may be summarized as follows:

/ *w* = **{[ô]w} = ⲱⲟϒ = ⲟⲟϒ = ⲟϒ = ⲱ = ⲁⲁϒ = ⲁⲟϒ = ⲁϒ = ϒ = ⲏⲟϒ = ⲏϒ = ϵϵϒ = ϵϒ**

Plumley[33] (1948: 5), in a special note §9 connected to his paragraph on Coptic diphthongs (i.e. §8), points out concerning the Coptic version/expression of this sound **ⲱⲟϒ/ⲟⲟϒ** (screenshot below) that it *'ought to be considered as forming two sounds rather than as a diphthong*'. Plumley says this without reference to Ancient Egyptian or knowledge of the phonetic values of Ancient Egyptian / *w*, i.e., {[ô]w}.

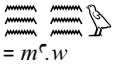
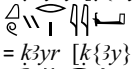
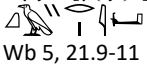
> **§8. The Diphthongs** are formed by a vowel and one of the semi-consonants (two semi-syllables). (**a**) With ⲓ: ⲁⲓ, ϵⲓ, ⲏⲓ, ⲟⲓ, ⲱⲓ, ⲟϒⲓ; e.g. ϵ2ⲣⲁⲓ 'Upwards', ⲡϵⲓ - 'This', ⲏⲓ 'House', 2ⲁⲙⲟⲓ 'Oh that!', ⲡⲱⲓ 'Mine', ⲙⲟϒⲓ 'Lion'. (**b**) With ϒ: ⲁϒ, ϵϒ; e.g. ⲛⲁϒ 'To see', ⲡϵϒ.2ⲏⲧ 'Their heart'.
> **§9. Note:** ⲏϒ (old ⲏⲟϒ), ⲓⲟϒ, ⲟⲟϒ, ⲱⲟϒ, ⲟϒⲟϒ ought to be considered as forming two sounds rather than as a diphthong; e.g. ϥ.ⲛⲏϒ 'He is coming', ⲥⲓⲟϒ 'Star', ⲛⲧⲟⲟϒ 'They', 2ⲱⲟϒ 'Themselves', ⲛⲟϒ.ⲟϒ 'Theirs'.

The following terms are types examples of how this original Ancient Egyptian sound is declined in various ways in Coptic:

Table 23: Examples of terms using the compound phoneme {[ô]w}

ḏnw Wb 5, 575.6 = *ḏnw* (Demotic)	**dj{n[ô]w}**	beating area [for cereals]	V. 329 - Neo Eg. = ϭⲛⲱⲟϒ ϫⲛⲟⲟϒ
hrw Wb 2, 499.1-500.2 = *hw*	**hr{[ô]w}[è] /** **h{[o]w}[è]**	day [IE = Armenian օր 'or' 'day]	V. 317 - OK = [drop of the 'r'] ⲉⲟⲟϒϵ ⲉⲟⲟϒ

[33] Plumley, J. M. 1948 *An Introductory Coptic Grammar* (Sahidic Dialect). London, Home & van Thal.

(Demotic) = *h{ȝw}* (Neo E.) 	**h{Au} [common alternative writing using the digraph {*ȝw*} as the sounds {[o]*w*} and {*ȝw*} are close]**		ⲉⲁⲟⲩ ⲉⲁⲁⲩ
ḥw.t Wb 3, 49.1-3 = *ḥw* (Demotic)	**H{[ô]w}**	Rain	V. 318 - OK (Pyr) = ⲉⲱⲟⲩ
ḥwȝ Wb 3, 50.6-16 = *ḥw* (Demotic)	**H[{ô]w}A /** **H{[ô]w}**	rotten; sad, in the blues	V. 318 - OK = ⲉⲱⲟⲩ ⲉⲟⲟⲩ 'bad' [ȝ dropped = []
ḥwrꜥ Wb 3, 56.8-13	**H{[ô]w}r*a***	loot; make a spoil, rob	V. 318 - Neo Eg. = ⲉ[*ⲟ]ⲟⲩⲣⲱⲱ ⲉⲟⲩⲣⲱ
m dwn Wb 5, 432.10-13	**[*e*]md{[ô]w}n**	moreover; then; again, further; continue; usually (adv. 'lit. 'with extension')	V. 147 - NK (earlier?) = ⲛ̄ⲧⲟⲟⲩⲛ ⲛ̄ⲧⲁⲩⲛ
mntw = *ntw* Wb 2, 355	**m[*e*]nt{[ô]w} / [e]nt{[ô]w}**	them (pron.; French: 'eux', 'elles')	V. 147 - Neo Egypt. = ⲛ̄ⲑⲱⲟⲩ ⲛ̄ⲧⲟⲟⲩ
mw  = *mꜥ.w* Wb 2, 50.7-53.1	**m{[ô]w} /** **{m*é*}w**	water	V: 126 – A = ⲙⲱⲟⲩ ⲙⲟⲟⲩ [Interestingly V. states '= phon. *mów* avec *o* bref et fermé'. This is perhaps correct for the second term but not for the second where ⲱ stands for a long o = ô]. Also in ⲙⲟⲩⲛⲟⲩ̄ⲓ 'rain [lit. water in [of] suspension]
mwt Wb 2, 166.10-17	**m{[ô]w}t**	death	V: 107 – ? = ⲙⲱⲟⲩⲧ ⲙⲟⲟⲩⲧ
kbwy [*kb{wy}*] 	**qb{*ō*}**	wind, fresh; [ventilated?]	V: 72 - Ptolemaic = ⲕⲃⲱⲟⲩ 'ventilated'
ḳwr = *k{ȝw}r* = *ḳwyry* [*ḳ{wy}ry*]  = *kȝyr* [*k{ȝy}r*]  Wb 5, 21.9-11 = *gwr* 'carrier' (Demotic)	**q{[ô]w}r[*è*] ['r' accentuated] /** **q{Au}r[*è*]** **q{*ō*}rï /** **q{o}r[*è*] /** **g{[ô]w}r[*è*] ['r' accentuated]**	carrier; gold extractor [IE = English 'carrier']	V. 349 - NK (Dyn. XVIII) = ϭⲟⲟⲩⲣⲉ ϭⲁⲩⲣⲉ 'slave' [semantic shift]

In some rare cases the *w* has been dropped and the [ô] has survived and is even alternatively expressed by ⲁ or ⲉ in Coptic, for example:

hwš	**h{[ô]w}sh**	insult; wound [intellectually]	V. 319 - (Demotic) = ⲉⲱϣ̄ ⲉⲟϣ̄ ⲉⲉϣ̄
ḥwtf Wb 3, 56.17-57.3	**H{[ô]w}t[*è*]f**	steal (someone or something)	V. 319 - MK = ⲉⲱⲕⲧ ⲉⲟⲕⲧ ⲉⲱⲃⲧ [metathesis]

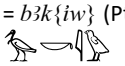
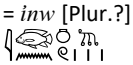
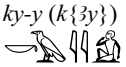
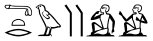
It is also used in the vocalisation of foreign words such as for example:

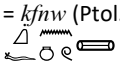
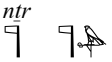
Table 24: Examples of a foreign term using the compound phoneme {[ô]w}

mrkbt [*m{ꜥy}rkꜣbwti*] Wb 2, 113.4 *mꜥrkꜣbwti* Faulkner, 112	**m{ő}rkAb{[ô]w}{tè}**	chariot of war	V: 31 - Foreign borrowing = ⲃⲉⲣⲉⲃⲱⲩⲧⲥ ⲃⲣⲟⲟⲩⲧ

In fact, the same sound complemented by an accentuation 'è', expressed in Coptic as ϵ but invisible in the hieroglyphic script (as are all accentuations), constitutes the expression of the plural, i.e.: **{[ô]w[è]}** = ⲟⲟⲩϵ which even comes out as ϵϵⲩ in some words:

Table 25: Example of the use of the compound phoneme {[ö]w} to form the plural

bꜣk = *bꜣk{iw}* (Ptol.)  Wb 427, 16-429.5	**bAk[è] /** **bAk{è} ['k' accentuated]**	work; tax; salary?	V: 26 - MK = ⲃϵⲕϵ ⲃϵⲕⲏ [plural form:] ⲃϵⲕϵϵⲩϵ ⲃϵⲕⲁⲩⲓ 'salary'
iby = *bi.t / byy.t* Wb 1, 434, 1-5	**æby[o]**	honey	V: 38 - (Demotic) = ϵⲃⲓⲟ Pl. ϵⲃⲓⲟⲟⲩϵ [èbiowè]
ih Wb 1, 119.15-120.4	**æh[è] ['h' accentuated]**	ox; cattle	V: 42 - OK (Pyr)? = ϵϩϵ Plural ϵϩⲟⲟⲩ ϵϩϵⲩ.
inm = *inw* [Plur.?]  Wb 1, 52.10-18	**æn[o]n** **Plural: æ{n[ô]}w[è]**	colour	- NK (XIX) = ⲁⲛⲟⲙ
ipn = *{iw}pn* = *{iw}pn,w* Wb 1, 69.13	**æpn /** **{è}pn /** **Plural: {è}p{n[ô]}w[è]**	these, this (emphatic as in French 'ce (jour)-çi'.)	V: 66 - OK (Pyr) = ϵⲓⲡⲛ as in ⲙϩⲁⲩ ϵⲓⲡⲛ 'this day" = *m hrw ipn*
ky-y (*k{ꜣy}*)  TLA DZA 30.562.450 Wb 5, 110.7-112.6 Plural: *kwy* 	**K{o}** **Plural**: **k{[ô]w}[e]**	another, other (masc.)	V: 70 - NK = ⲕϵ plural: ⲕⲟⲟⲩϵ
mtrw [*mtr.w*] Plural:  Wb 2, 172.5-10	**m[è]tr[è]** **Plural: m[è]tr{[ô]w[è]}**	witnesses [and not 'witness' sing. as in WB]	V: 117 – OK (Pyr) = ⲙⲛⲧⲣϵ ⲙϵⲑⲣϵ Plural ⲙϵⲧⲣϵϵⲩ ⲙϵⲑⲣϵⲩ from sing.
my.t [*mii.t*] Wb 2, 42.4.7	**[è]m{oo},** **Plural. *èm{[ô]w[è]}**	cat (female; 'chatte' French)	V: 42 - MK = ϵⲙⲟⲩ ⲁⲙⲟⲩ pl: [*ϵⲙⲱⲩϵ] ϵⲙⲱⲩⲓ ϵⲙⲟⲟⲩϵ

ḳfn = *ḳfnw* (Ptol.)  Wb 5, 32.16-18	**q[è]f[è]n ['q' and 'f' accentuated]** **Plural: q[è]f[è]{n[ô]}w[è]**	pastry, bread	V: 84 = MK = ⲕⲉⲛⲉⲫⲓⲧⲉⲛ 'bread cook in ashes' = ⲕⲉⲛⲉⲫ + ⲓⲧⲉⲛ [see *ḳfn* = *ḳnf*]
rmyy.t [*rm{wy}wy.t*] Wb 2, 417.14-15 TLA DZA 25.897.160 Plural: *rmw.t* 	**[*e*]rm{*ō*}** **[*e*]rm{[ô]w}** **Plural: [e]rm{[ô]w[*è*]}**	tear	V. 172 - MK = ⲣ̄ⲙⲉⲓⲏ ⲉⲣⲙⲏ ⲗⲉⲙⲓⲏ Plural: ⲣ̄ⲙⲉⲓⲟⲟⲩⲉ ⲉⲣⲙⲱⲟⲩⲓ ⲗⲉⲙⲓⲗⲩⲓ
nṯr  Wb 2, 358.1-360.14 Plur. masc. *nṯrw* = plur. fem.	**n[ô]tch[è]r /** **n[oo]t[*e*]r ['tch' or 't' accentuated]** **Plural (masc.):** ***n[ô]tch[è]r{[ô]w[è]} /** ***n[oo]t[*e*]r{[ô]w[è]}**	god	V. 145 - OK (Pyr) = ⲛⲟⲩϯⲉ.

The knowledge of the existence of this compound phoneme {[o]w} and its use in {[o]w}[*è*] to express the plural changes fundamentally our perception of the sonority of the Ancient Egyptian language and seems to point out to some African sonorities and origins. Something equally in need of demonstration.

Summary of advances

The present study has revealed the following new fundamental advances:

- That the phonetic distance between a substantial number of Ancient Egyptian words and their Coptic descendants is in a great many instances far less than thought, and in equally numerous cases simply: null.
- That Ancient Egyptians were far more proficient to write the phonetics of their language than could ever so far have been imagined as demonstrated by the number of previously unseen phonemes and in particular complex vowels in the hieroglyphic script.
- That these 'complex' vowels, like the consonants, have shifted in Coptic in an array of forms which are clearly and comprehensively listed for the first time in four tables (Tables 2 to 5, page 13 to 21).
- That to express 'complex' vowels the hieroglyphic script also used digraphs, i.e., two phonemes to express a third different one, as for diphthongs. Since strictly speaking diphthongs are composed of two vowels these phonemes, which are made of two semi-vowels/semi-consonants, are called digraphs in this study. They are however the ancestors of the diphthongs commonly found in Coptic and it seems that they may nevertheless be safely regarded as diphthongs. 417 terms of the dictionary, make use of at least one digraph and in instance, for a foreign word, of three different ones. These digraphs can seemingly be divided in four main phonetic groups of ten digraphs. Three of these digraphs *3y*, *iw* and *3w* clearly dominate, accounting for two third of all 417 occurrences of digraphs across the vocabulary of the dictionary. These digraphs and other vowels have been equated to their IPA equivalent on a publicly available IPA chart with audio, revealing a seemingly coherent order in two main parts. The chart allows the reader not only to have a global view of the vowels of the Ancient Egyptian language but also hear these phonemes through the indicated internet connection. To the knowledge of the author this chart is the first of its kind in Egyptology. It was updated in 2022 to include the advances made in the phonology of some of the digraphs.
- That 55,67 % of the 1795 words of the dictionary can be vocalised by resituating a single missing vowel. In other words that Ancient Egyptians knew that for one word out of two, only one vowel needed restitution. This calculation was made for the first commonest writing which constitutes the type of entry of each word, and not over all words included in this dictionary, i.e., alternative writings included.
- That where verbs are concerned, 74 % of them they can be vocalised by resituating not only a single vowel but more precisely a long vowel '[ô]' placed after the first attacking consonant, or alternatively and often enough after the second consonant. For another group of verbs, usually tri-consonantal and semi-consonantal (V/C/T = 0;3;3) it is an *3* which is found in lieu of the above long '[ô]', without need of resituating a vowel. Until proven otherwise, these two verbal forms seem to represent infinitives and not any stative or specific tenses so numerous in Coptic.
- That many phonemes are stressed to the point of accentuation, particularly the final consonant. This accentuated stress is expressed in Coptic by an ϵ, which is not to be counted as a separate phoneme, and which in Ancient Egyptian is often alternatively expressed by several compound and accentuated signs such as {m*é*} and {t*é*}.
- The study also revealed the existence of the most important compound phoneme '{[ô]w}' of the Ancient Egyptian language, used in particular for the formation of the plural in '{[ô]w[*è*]}'. The latter changing fundamentally our perception of the sonority of the ancient Egyptian language, with perhaps an African origin. Whether the {[ô]w} should be considered as a digraph/diphthong is a moot point which is not discussed in this study.
- The combination of these linguistics discoveries and rules allowing the vocalisation of 1795 words the Coptic descendants of which were already identified by Vycichl and other preceding scholars in their respective etymological dictionaries. A number of terms large enough to produce meaningful statistics where the whole of the Ancient Egyptian vocabulary is concerned. For more than half of these 1795 Ancient Egyptian terms one or more vowel was painstakingly individually resituated in the consonantal root-skeleton using corresponding Coptic descendants. Vocalisation which will no doubt require tuning, improvement and rectification in the future as the present research is experimental and the present vocalised dictionary unprecedented and, equally to the knowledge of its author, the first of its kind. The author does not also reject the idea that some aspects of this study may have been seen by others in the vast Ancient Egyptian and Coptic literature of which he may be unaware - this only time will tell. However, it is not with Coptic that the present study is concerned but with pre-Coptic Egyptian and its hieroglyphic script, and even more so with the penultimate goal that along 'meaning' the 'sound' of the Ancient Egyptian language, no less the voice of its poets, be finally heard again – as mentioned in the final conclusion.

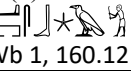
DICTIONARY PART I: ANCIENT EGYPTIAN - VOCALISATION - ENGLISH

IMPORTANT POINTS: The transliterations listed here follow a following more or less alphabetical ordering sequence dictated by the way the word processor handles sorting, affecting the traditional transliteration Egyptology order. Hence transliterations such as *ꜣ, h/ḥ/ḫ/ẖ, s/š* or *t/ḏ* for example are grouped as one, and within these group words should be hence sought by the second or third phoneme for retrieval.

Vocalisations which are doubtful are not in bold (column C), and the reverse. For most doubtful vocalisations the precise Coptic equivalent / descendant term is not known, but a close enough Coptic term is. It is introduced as 'Related to [x] term' and it is on the phonological base of this latter that the reconstruction of the Ancient Egyptian term is attempted. When there are no shifts indicated in the last column, this means that no phonetic difference and therefore no shit(s) are found to exist between the Ancient Egyptian word and its Coptic equivalent.

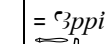
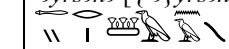
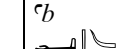
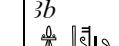
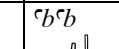
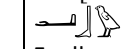
The special conventions listed in the chapter entitled 'IMPORTANT NEW CONVENTIONS' apply (p. 11). The present dictionary cannot be properly used without being acquainted with them.

Finally, corrected or improved transliterations appears between brackets [] just after the usual transliteration.

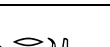
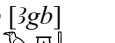
V/C/T [34]	A. E. transliteration	**Vocalisation**	English translation	Source , Coptic descendant(s), notes	Main shifts
0;1;1	ꜥ = ꜥ (Demotic)	*a*	pair (of)	V: 53 - MK = ⲏⲓ (pronounced 'a') in ⲡⲓⲏⲓ ⲛ ϭⲣⲟⲙⲡⲥ 'a pair of doves' [IE = 'pair" English?]	NUM ꜥ = ⲁ
0;1;1	ꜥ Wb 1, 157.14-22	***a***	region, lit. 'arm' [IE = English '**a**rm'?]	V: 12 - ? = Extrapolated from ⲁⲛⲧⲱⲟⲩ ⲉⲟⲛⲧⲱⲟⲩ ⲉⲁⲛⲧⲱⲟⲩ = 'region of mountain / mountainous region')	ENV
0;1;1	ꜥ Wb 1, 159.15 = ꜥy (Demotic)	***a / aï***	house	V: 52 - ? = ⲏⲓ [where ⲏ is pronounced 'a' as in certain Coptic traditions?]	URB ꜥ = ⲏ
0;1;1	ꜥ [ꜥ.t] Wb 1, 160.1-13	***a*** [*a*t?]	room [of house, of temple]; part of; department; dwelling	V: 52 - OK (Dyn. VI) = in: ⲁⲛⲍⲉⲃ = ꜥ.t [n] sbꜣ 'school'	URB ꜥ = ⲁ
-	ꜥ.t (n) sbꜣ  Wb 1, 160.12	**a-[na?]-s[é]bA**	school [lit. place of teaching]	V: 12 - ? = ⲁⲛⲍⲏⲃⲉ ⲁⲛⲥⲏⲃ ⲁⲛⲥⲏⲃⲉ	HAB t silent
0;2;2	ꜣ.t [ꜣt] Wb 1, 2.3-4	**At**	strength; striking power (Gardiner)	V: 56 - OK (Pyr) = ⲏⲧ	(v.) ꜣ = ⲏ
-	ꜥꜣn n wrš.t	**{*ô*}n n[a?] wrsh[è]**	chief of the guard post	V: 12 - ? = ⲁⲛ−ⲟⲩⲣⲱⲉ	PRO ꜥꜣ = ⲁ w = ⲟⲩ
1;1;2	ꜥꜣ [{ꜥꜣ}] Wb 1, 165.6-11 = ꜥꜣ (Demotic)	**[*è*]{*â*}**	Donkey	V: 60 - ? = ⲉϩⲱⲟⲩ ⲉⲟⲟⲩ ⲉϩⲉⲩ [onomatopoeia (as in French "hi-han")	ZOO ONO {DIA} ꜥꜣ = ⲱ

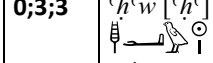
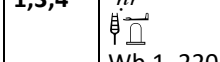
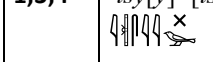
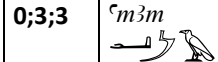
[34] V = Number of invisible vowel(s); C = Number of visible consonants or semi-vowels/semi-consonants; T = Total number of phonemes in term.

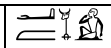
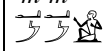
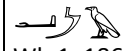
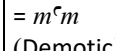
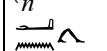
				reproducing the bray of the donkey, the sound of which seems to have changed during Coptic times]	ꜣ = ⲟ ꜣ = []
0;1;1	ꜣ [{ꜣ}] Wb 1, 162.13-17	**{*â*}**	grow	V: 5 - ? = ⲱ or ⲟ as indicated by TLA and not ⲁⲓⲁⲓ ⲁⲓⲉⲓ as suggested by V.	(v.){DIA} ꜣ = ⲱ ꜣ = ⲟ
0;1;1	ꜣ [{ꜣ}] Wb 1, 161.5-162.17 = ꜣ (Demotic)	**{*â*}**	big (v. and adj.)	V. 154 - ? = ⲱ, ⲁ or ⲟ. Survived in ⲣⲙⲙⲁⲟ ⲣⲁⲙⲁⲟ 'rich man' = *rmṯ* ꜣ 'big man [as important]; man of important rank'. Also	ABS {DIA} ꜣ = ⲱ ꜣ = ⲁ ꜣ = ⲟ
0;3;3	ꜣ*b.t* [{ꜣ}*b.t*] Wb 1, 167.10-12	**{*â*}b[*è*] ['b' accentuated]**	offering	V. 210 - OK (Pyr) = Extrapolated from ⲧⲱⲃⲉ ⲧⲱⲃⲓ 'Tybi' (lit. 'the offering', the fifth month of the year) = *tꜣ ꜥb.t*	ABS {DIA} ꜣ = ⲱ [*è*] = ⲉ [*è*] = ⲓ
0;4;4	ꜣ*gꜣs* [{ꜣ}*gꜣs*] = ꜥ*gs* Wb I 36 10	**{*â*}gAs**	Belt	V: 6 - NK (XVIII) = ⲁⲕⲏⲥ ⲁⲕⲉⲥ	TOOL foreign? {DIA} ꜣ = ⲁ ꜥ = ⲏ ꜥ = ⲉ
0;2;2	ꜥꜥ*m* [{ꜥꜥ}*m*] = ꜣ*m* [{ꜣ*m*}] = ꜥꜥꜣ*m* [{ꜥꜥꜣ*m*}] Wb 1, 169.15	**{ā}m /** **{*â*}m**	**A**am (unidentified plant producing seeds used for medicinal purposes)	V: 9 - [Med] = ⲁⲁⲙ in ⲉⲃⲣⲓⲁⲁⲙ 'grains of aam".	BOT {DIA} ꜥꜥ = ⲁⲁ ꜣ = ⲁⲁ
0;2;2	ꜣ*m* [{ꜣ}*m*] Faulkner, 38 Wb 1, 169.19	**{*â*}m[*è*] ['m' accentuated]**	shepherds (Egypt's Asian neighbours)	V: 9 - OK = ⲁⲙⲉ ⲁⲙⲏ ⲁⲙⲏⲩ ⲁⲙⲏⲟⲩ ⲁⲙⲁⲩⲉⲓ	PRO {DIA} ꜣ = ⲁ
0;2;2	ꜣ*n* [{ꜣ}*n*] Wb 1, 163.1	**{*â*}n**	superintendent, chief [of soldiers], great [person of]	V: 12 - MK = ⲁⲛ	PRO {DIA} ꜣ = {*â*}
0;2;2	ꜥ*n* [{ꜣ}*n*] = ꜥ*nr* (OK) = ꜥ*n*ꜥ = ꜥꜥ*n* [{ꜥꜥ}*n*] (Demotic) = *in* Wb 1, 41, 5-6	**{Ã}n /** ***a*nr /** ***ana /*** **{ā}n [long 'a'] /** **{õ}n**	baboon [IE = English bab**oon**?]	V: 53 - Neo Egyptian =: ⲏⲛ (pronounced 'an') ⲏⲛⲉ ⲉⲉⲛ ⲉⲛ	ZOO {DIA} {Ã} = ⲏ {Ã} = ⲉⲉ {Ã} = ⲉ ꜥ ⇔ ꜥꜥ ⇔ *i*

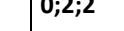
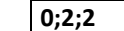
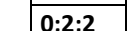
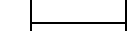
1;3;4	*ꜣpp* [{*ꜣ*}*pp*] = *ꜣppi* [{*ꜣ*}*ppi*] = *ꜥpp*  Wb 1, 167.14-15	**{*â*}p[o]p[*è*] /** **{*â*}p[o]pæ /** ***a*p[o]p[*è*]**	Apophis (sun's enemy represented as a snake)	V: 19 - OK (Pyr) = [*ⲁⲫⲟⲫⲉ] ⲁⲫⲟⲫⲓ ⲁⲫⲟⲫ ⲁⲫⲟⲡⲓ	GOD {DIA} accent. *ꜣ* = ⲁ *p* = ⲫ [*è*] ⇔ *i* *ꜣ* ⇔ *ꜥ*
1;1;2	*ꜣw.t* [{*ꜣ*}*.w.t*] Wb 1, 166.6	**{*â*}[o]**	linen (type of) [BOT] *Linum usitatissimum*; cloth	V: 68 - OK? - NK (XVIII) = ⲉⲓⲱ ⲉⲓⲱⲱ ⲉⲓⲁⲁϒ ⲓⲁϒ	BOT MAT {DIA} *ꜣ* = ⲉ
0;7;7	*ꜣyrš3n3* [{*ꜣ*}*yrš3n3*]  Wb 1, 211.15) = *ꜥršn* (Demotic)	**{*â*}ïrshAnA /** ***a*rsh[a]n**	lentils	V: 16 - MK = ⲁⲣⲯⲁⲛ ⲉⲣⲯⲁⲛ ⲉⲣⲯⲓⲛ	BOT {DIA} foreign *ꜣ* = ⲁ *ꜣ* = ⲉ
0;2;2	*ꜥb*  Wb 1, 173.12-174.1	***a*b**	horn	V. 307 - OK (Pyr) = ⲯⲱⲡ ⲯⲟⲡ	ZOOP *ꜥ* = ⲱ *ꜥ* = ⲟ *b* = ⲡ
0;2;2	*3b*  Wb 1, 7.21 = *y3b* (Demotic)	**Ab / yAb**	nail; claw; hoof [see also *ꜥfd/i3ft*]	V: 61 - OK (Pyr) = ⲉⲓⲃ ⲉⲓⲉⲓⲃ [long ä expressed by duplication] ⲓⲏⲃ ⲓⲉⲃ	BOD *3* = ⲉⲓ *3* = ⲏ *3* = ⲉ
1;2;3	*3b.t*	**Ab[è]**	obscurity	V: 38 - (Demotic) = ⲉⲃⲏ	ASTR *3* = ⲉ
1;4;5	*ꜥbꜥb*  Wb 4, 178, 4-5	***aba*b[ō] [long 'o']**	boast [IE = English 'boast']	V: 24 - ? = ⲃⲁⲃⲱⲱ ⲃⲁⲃⲱ ⲃⲁⲁⲃⲉ	(v.) *ꜥ* = [} [ō] = ⲱⲱ
1;3;4	*3bd* Wb 1, 8.22; 65.5-9	**Ab[ô]d**	month	V: 39 - OK (Pyr) = ⲁⲃⲟⲧ ⲉⲃⲟⲧ	CAL *3* = ⲁ *3* = ⲉ *d* =ⲧ
1;3;4	*3bdw*[*3bd*] Wb 1, 9.1	**Ab[ô]d**	Abydos	V: 40 - ? = ⲁⲃⲱⲧ ⲁⲃⲟⲧ ⲉⲃⲱⲧ	LOC *3* = ⲁ *3* = ⲉ *d* = ⲧ
0;2;2	*ꜥbw* [*ꜥb.w*]  Faulkner, 41 Wb 1, 176.10-14	***a*b**	lettuce	V. 251 - NK (Dyn. XVIII) = ⲱⲃ ⲟϒϥ	BOT *ꜥ* = ⲱ *ꜥ* = ⲟϒ *b* = ϥ
0;2;2	*3bw* [*3b.w*] Wb 1, 7.18-20	**Ab / Ab[é?]**	Elephantine [IE = English '**el**ephant'?]	V: 61 - ? = ⲓⲏⲃ ⲉⲓⲏⲃ [metathesis?]	LOC *3* = ⲉⲓ

0;3;3	*ȝbḫ* TLA (ONB 244, Anm. 1062)	**Abkh**	burn [IE= English 'burn']	V: 95 – Coffin Texts = ⲁⲱⲃⲯ ⲁⲟⲃⲯ [=ⲁ + ⲱⲃⲯ]	(v.) *ȝ* = ⲱ *ḫ* = ⲯ
0;3;3	*ȝbḫ* = ? *ȝbḫ* 'mix' 	**Abkh**	Forget	V. 249 - (Demotic) = ⲱⲃⲯ	(v.) *ȝ* = ⲱ *ḫ* = ⲯ
0;3;3	*ib.t* Wb 1, 61, 8-10	**æb[é]**	thirsty (to be)	V: 61 - (Demotic) = ⲉⲓⲃⲉ ⲓⲃⲓ ⲟⲃⲉ ⲟⲃⲓ	MED *ȝ* = ⲉⲓ *ȝ* = ⲓ *ȝ* = ⲟ *i* = ⲉ
1;4;5	*ȝbyn* Wb 1, 442.16-443	**Aby[é]n**	poor, unhappy = Related to 'bad'?	V: 38 - (Demotic) = ⲉⲃⲓⲏⲛ ⲯⲃⲃⲓⲏⲛ ⲃⲓⲏⲛ	ABS *ȝ* = ⲉ
0;2;2	*ꜥd* [*ꜥȝd*] = *ꜥd* Wb 1, 168.12 = *ꜥḏ* Wb 1, 239.6 = *ꜥt* (Demotic)	**{*â*}d /** ***a*d /** ***a*dj /** ***a*t**	edge land (near desert); irrigated land (near river) [IE = 'edge' English?]	V: 47 - MK = ⲉⲗⲧ 'extremity, opposite bank'	LAND {DIA} *ꜥȝ* = ⲉⲗ *ꜥȝ* ⇔ *ꜥ* *d* ⇔ *dj* ⇔ *t* *d* = ⲧ
0;2;2	*ꜥd* [not *ꜥḏ* as indicated in TLA] Wb 1, 239.8-16 = *ꜥt* (Demotic)	***a*d / *a*t**	grease, fat (pieces of)	V. 251 - AE = ⲱⲧ	MAT *ꜥ* = ⲱ *d* = ⲧ
0;3;3	*ꜥḏȝ* Wb 1, 241.6-7	***a*djA**	guilty (to be);	V. 156 - NK = Extrapolated from ⲧⲁϫⲁ ⲧⲁϫⲟ ⲧⲁϫⲉ = 	(v.) *ꜥ* = ⲁ *ȝ* = ⲁ *ȝ* = ⲟ *ȝ* = ⲉ
0;3;3	*ꜥḏȝ* Wb 1, 240.14-241	***a*djA**	injustice; falsehood; guilt	V. 156 - MK = ⲟϫⲓ	ABS *ꜥ* = ⲁ *ȝ* = ⲓ *ḏ* = ϫ
0;3;3	*ꜥḏȝ* = *ꜥḏȝy* [*ꜥḏ{ȝy}*] Wb 1, 241.8-10	***a*djA /** ***a*dj{o}**	guilty man; criminal; wrongdoer	V. 156 - NE = ⲟϫ ⲟϫⲓ 'unfair person; injustice'	ABS {DIA} *ꜥ* = ⲟ *ȝy* = ⲓ *ȝ* = []

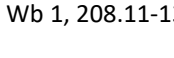
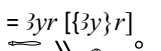
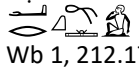
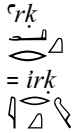
0;3;3	ꜥ*dr*	***a*dj[*è*]r / *a*dj[é]r? ['dj' accentuated]**	hard (make), make hard	V. 252 - (Demotic) = *ⲱⲭⲏⲣ ⲱⲭⲣ ⲱⲭⲉⲣ ⲉⲟⲣ	(v.) accent. ꜥ = ⲱ
0;2;2	ꜥ*ff* Wb 1, 182.15-16	***a*f** **['f' accentuated by duplication]**	fly [IE = English: 'fly'?]	V: 21 - ? = ⲁⲩ ⲉⲩ	ZOO ONO? accent. duplic. ꜥ = ⲁ ꜥ = ⲉ
0;3;3	ꜥ*fy* = ꜥ*fy n bi.t* Wb 1, 182.11	**afï / afï n[a?] [è]bi[ô]**	bee [IE = 'abeille' French] = honeybee [lit. bee of honey. IE = French: 'abeille']	V: 21 - ? = ⲁⲩⲛⲉⲃⲓⲱ	ZOO ꜥ = ⲁ *y* = []
0;5;5	ꜥ*g3rti*  Wb 1, 236.9	***a*gAr{tè} ['t' accentuated]**	chariot, car [IE 'cart' - English?]	V: 23- ? = ⲁⲅⲟⲗⲧⲉ ⲁⲕⲟⲗⲧⲉ ⲁⲭⲟⲗⲧ V. states: Aramean *'agalt.a*. Shift: r = l.	TOOL foreign accent. ꜥ = ⲁ *g* = ⲅ *g* = ⲕ *g* = ⲭ *3* = ⲟ *r* = ⲗ *ti* = ⲧⲉ
0;3;3	*3gbgb* [*3gb*]  Wb 1, 22.17	**Agb** ['gb' accentuated by reduplication?]	shiver [onomatopoeia similar as French 'glagla'?], shudder	V. 252 - OK = Related to ⲟⲅⲃ 'shiver' (n.)	(v.) ONO? *g* = ⲅ
0;5;5	ꜥ*gn* [ꜥ*g3n3*] = ꜥ*gn* Wb 1, 236.5-6	***a*gAnA / *a*g[a]n**	support of circular jar	V: 23- NK (XVIII) = ⲁⲅⲁⲛ ⲁⲅⲟⲛ	TOOL foreign ꜥ = ⲁ *g* = ⲅ *3* = ⲁ
0;2;2	*3ḥ.t* = *iḥ.t* = *ḥ3* Wb 1, 12.17-18 = *3ḥ* (Demotic)	**AH[è] / æH[è] ['H' accentuated] / [*e*]HA**	Field	V: 69 - MK = ⲉⲓⲱϩⲉ ⲉⲓⲁϩⲟⲩⲉ ⲉⲓⲁϩⲟⲩ	LAND accent schwa *3* = ⲉⲓⲟ *3* = ⲉⲓⲁ *i* ⇔ *3* ⇔ [*e*]
0;3;3	ꜥ*ḥ*ꜥ Wb 1, 218.3-219.20	***a*H*a***	stand; get ready; do (something)	V. 252 - ? = ⲱϩⲉ ⲟϩⲓ	(v.) ꜥ = ⲱ ꜥ = ⲟ ꜥ = ⲉ ꜥ = ⲓ
0;3;3	ꜥ*ḥ*ꜥ [ꜥ*ḥ*ꜥ*.w*] Wb 1, 220.15-221.1	***a*H*a***	heap, pile (of wheat, offerings; treasures, etc...); quantity (maths)	V: 14 - ? = ⲁϩⲟ	AGR MATH ꜥ = ⲁ ꜥ = ⲟ

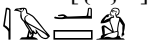
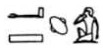
0;3;3	ʿḥʿ= *ḥʿ.w* Wb 1, 222	***a*H*a***	lifetime	V: 21 - (Demotic) = ⲁⲉϵ ⲁⲉⲓ ϵⲉⲓ	TIME ʿ = ϵ ʿ = ⲓ
0;3;3	ʿḥʿw [ʿḥʿ]  Wb 1, 222.18-223.7 = ʿḥʿ (Demotic)	***a*H*a***	lifetime	V: 21 - OK (Pyr) = ⲁⲉϵ ⲁⲉⲓ ϵⲉⲓ	TIME ʿ = ⲱ ʿ = ϵ ʿ = ⲓ
0;5;5	ʿḥ3-w.t [ʿḥ{3w}ty] Wb 1, 217.8-218.2 = *hw.t.y* [*hwty*] 'male' [semantic shift]	***a*H{[ô]w}tï /** **H{[ô]w}tï**	warrior	V. 319 - MK = ϵⲉⲟⲟⲩⲧ ⲉⲱⲟⲩⲧ ⲉⲟⲟⲩⲧ 'male; impetuous' [semantic shift]	PRO foreign? ʿ = ϵ *w* = ⲱⲟⲩ *w* = ⲟⲟⲩ *ty* = ⲧ *y* = []
1;3;4	ʿḥr  Wb 1, 220.10-15 = ʿḥʿ	***a*H[ô]r**	pile, possession, abundance of food [treasure?] [IE = 'treasure' English?]	V: 21 - ? = ⲁⲉⲱⲣ treasure	AGR ʿ = ⲁ [ô] = ⲱ
1;3;4	ʿisy[y]ʿ [*isii*]]  Wb 1, 128 = *3s*ʿ (Demotic)	**æsï / æs{o}?** **æs[é]**	to be light	V: 17 - MK = = ⲁⲥⲁⲓ ⲁⲥⲓⲁⲓ (latter = pharaonic form)	(v.) {DIA?} *i* = ⲁ *ii* = ⲓ
1;2;3	*3k* = *3ḳ*ʿ = *ik* Wb 1, 21.14	**Ak[ô] /** **AqA /** **æq**	wane, pass (TLA); loose oneself; destroy (V.)	V: 6 - MK = ⲁⲕⲱ	(v.) *3* = ⲁ [ô] = ⲱ
0;3;3	ʿ*kk* Wb 1, 235.4	***a*k[*è*]k[*è*] ['k' accentuated]**	bread of some sort [IE = English 'cake' as already pointed out by V.]	V. 351 - Neo Eg. = ϭⲁⲁϭϵ [metathesis]. Hebrew: *kå'āk* 'cake'	FOOD accent. ʿ = ⲁⲁ
0;2;2	*3l* = *? 3irwy* [{*3i*}*r*{*wy*}] [medical context] 	**{o}r{*ō*}**	rag; shred	V. 249 - (Demotic) = ⲱⲗ	TOOL MED {DIA} x 2 *3* = ⲱ *r* = ⲗ {*ō*} = []
1;2;3	ʿ*l* = *jʿr* Wb 1, 41	***a*l[*è*]**	board, go up	V: 6 - (Demotic) = ⲁⲗϵ	(v.) ʿ = ⲁ
0;4;4	*3lly* = *i3rr.t*	**allï**	grape	V: 41 - (Demotic) = ⲁⲗⲗⲁⲓ ⲁⲗⲟⲓ ϵⲗⲁⲗⲗϵ ϵⲗⲟⲟⲗϵ	BOT foreign? *3* = ⲁ
0;3;3	ʿ*m3m*  = ʿ*m*	***a*mAm /**	know	V: 62-63 - NK = ϵⲓⲙϵ ϵⲙⲓ ϵⲓⲙⲓ ⲓⲙⲓ. See also	(v.) ʿ = ϵⲓ

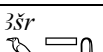
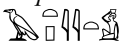
	 Wb 1, 184.16-22 = ꜥm (Demotic)	***a*m[*è*]**		ⲧⲁⲙⲉ ⲧⲁⲙⲟ 'inform; make known'	*ȝ* = ⲉ *ȝ* = ⲓ
0;3;3	ꜥmꜥ.t = ꜥm (Demotic) Wb 1, 185.17	***a*m*a* /** ***a*m[*è*]**	mud; muddy ground	V. 155 - MK = ⲟⲟⲙⲉ ⲟⲙⲉ ⲟⲙⲓ 'clay, mud, argile'	ENV ꜥ = ⲟ ꜥ = ⲟⲟ ꜥ = ⲉ ꜥ = ⲓ
0;4;4	ꜥmꜥm = ꜥmꜥm Wb 1, 186	***a*m*a*m**	shrew (French: 'musareigne')	V: 42 - (Demotic) = *ⲉⲙⲉⲙ? ⲉⲙⲓⲙ	ZOO ONO ꜥ = ⲉ ꜥ = ⲓ
0;4;4	ꜥmꜥm  Wb 1, 186.9	***a*m*a*m**	devour (n.)	V: 43 - Late period = ⲉⲙⲓⲙ	ABS ONO ꜥ = ⲉ ꜥ = ⲓ
0;4;4	ꜥmꜥm [ꜥmꜥm.w] = ꜥmȝm.w  Wb 1, 186.10 = mꜥm (Demotic) = ꜥrꜥr (Ptol.)  Wb 1, 210.7	***a*m*a*m /** ***a*mAm /** **amam /** **arar**	shrew, shrewmouse (from ꜥmꜥm 'devour' as the shrew eats twice its weight daily).	V: 43 - NK = ⲉⲙⲓⲙ	ZOO ONO ꜥ = ⲉ ꜥ = ⲓ
0;3;3	ꜥmḏ Wb 1, 187.10	***a*{mè}dj**	avert (oneself from; French 'se dètourner')	V. 249 - NK = ⲱⲙϫ 'wean'	(v.) ꜥ = ⲟ *m*ꜥ = m*é*
0;3;3	ȝmm.t Wb 1, 11.1 = ȝm.t [Late] 	**Amm[*è*] / Am[*è*] ['m' accentuated by duplication?] /** **Am[*è*]**	grasp, grip [fist hit?]	Ptolemaic = ⲉⲓⲙⲙⲉ [Extrapolated from ⲛⲁⲯⲧⲉⲓⲙⲙⲉ 'courageous, hardy', lit. according to Spiegelberger: ⲛⲁⲯⲧ + ⲉⲓⲙⲙⲉ ' 'hard' of 'fist"]	ABS accent. duplic. *ȝ* = ⲉⲓ
1;5;6	ȝmwlḏ = *?*	**Am{[o]w}l[a]dj**	owl [IE = English 'owl']	V: 112 - (Demotic) = ⲙⲟⲩⲗⲁϫ ⲙⲟⲩⲗⲁϫϩ	ZOO *ȝ* = [] *w* = ⲟⲩ foreign?
1;7;8	ȝmwnyꜥk	**Am{[o]w}nï*a*k** [Amonï*a*k?]	ammoniac	Vieira: 177 - (Demotic)	MAT foreign?
0;3;3	ȝmy.t	**Amï**	soul; character [IE? = French 'âme']	V: 62 - (Demotic)	SPIR
0;4;4	ȝms = ỉms.t Wb 1, 88	**Amïs**	dill (*Anethum graveolens*)	V: 43 - (Demotic) = ⲁⲙⲓⲥⲓ ⲉⲙⲓⲥⲉ	BOT foreign? *ȝ* = ⲁ *ȝ* = ⲉ *y* = ⲉ / ⲓ
0;2;2	ꜥn  Wb 1, 189.8-16	***a*n**	again; one more time, already [IE = English 'anew, again'(?]	V. 155 - Neo Egypt. = ⲟⲛ	TIME ADV ꜥ = ⲟ

1;2;3	ʿ*n* Wb 1, 190.13-18	***a*n[a]**	beautiful [etymology of 'Anna'? = חנה (“Hannah”) of Old Testament, meaning "grace, gracious? As well of Armenian 'Nane' = ⲛⲁⲛⲉ?]	V: 12 - MK = ⲁⲛⲁⲓ	ABS ʿ = ⲁ [a] = ⲁ
0;2;2	ʿ*n*  Wb 1, 157.15-22	***a*n**	region, side; part of; administrative area	V: 12 - OK (Pyr) = ⲁⲛ	GEO ʿ = ⲁ
0;2;2	ʿ*n*  = ʿ*nn* (ʿ*n*[*n*]) Wb 1, 188.13-189.7	*a*n ['n' accentuated through duplication] / *a*n[ô]n?	return, turn back (to)	MK = Extrapolated from = ⲟⲛ 'again; one more time' (V. 155)	(v.) accent. duplic.
-	ʿ*n smy* [ʿ*n-smy*] Wb 1, 189.7 = ʿ*n smy* (Demotic)	***a*n sm[*é*]ï ['m' accentuated]**	report officially (to make a)	V: 13 - ? = ⲁⲛⲥⲙⲙⲉ 'regulations'	(v.) accent. *y* = ⲉ
0;2;2	ʿ*n.t*  Wb 1, 188.1-7	***a*n[*è*] [‘n’ accentuated]**	thumb; claw; talon; herminette?	V: 64 - OK (Pyr) = ⲉⲓⲛⲉ ⲓⲛⲓ	BOD accent. ʿ = ⲉⲓ ʿ = ⲓ
0;3;3	ʿ*n*ʿ [ʿ*n*ʿ*.w*] =ʿ*n*ʿ*n* Wb 1, 191.10	***a*n*a* / *a*n*a*n**	baboon	V. 160 - NK = Extrapolated from ⲡⲁⲛⲁⲑⲟⲩⲧ = 'The [+] baboon [+] Thot'	ZOO *w* = plural. coll.
2;4;6	*ȝnḏr*	**Andj[i]r[i]** Andj[i]r[*è*]?	beans (similar to lentils) unidentified?	V: 14 - (Demotic) = ⲁⲛⲟⲓⲣⲓ	BOT accent? foreign? *ȝ* =ⲁ *ḏ* = ⲟ [i] = ⲓ
0;5;5	*ȝnḏyr* = ʿ *n ḏyr*	**Andjïr**	soap = piece of salt	V: 14 - (Demotic) = ⲁⲛϫⲓⲣ	MAT
0;3;3	ʿ*nḳ* Wb 1, 206.2-3 = ʿ*nnk.t* (Demotic)	***a*nq ['n' accentuated in (Demotic)]**	flaw (coming of the flood)	V. 249 - NK (Dyn. XXII) = ⲱⲙⲕ	(v.) ʿ = ⲱ *n* = ⲙ
1;3;4	ʿ*nḥ* Wb 1, 202.11-203.4 = ʿ*nḫ* (Demotic)	***a*n[a]kh**	oath [life oath = French 'serment']	V: 14 - MK = ⲁⲛⲁϣ ⲁⲛⲉϣ ⲁⲛⲏϣ	ABS [a] = ⲁ [a] = ⲉ [a] = ⲏ *ḫ* = ϣ
0;3;3	ʿ*nḥ* Wb 1, 198.11-200.8	***a*nkh**	life	V: 14 - ? = ⲁⲛϣ in ⲁⲛϣ-ⲧⲏⲩ to breathe = life breath. Also in ⲥⲁⲁⲛϣ = *s*-ʿ*nḫ* 'make live' (V. 192)	ABS ʿ = ⲁ *ḫ* = ϣ
0;3;3	ʿ*nḥ*  Wb 1, 193.8-198.10	***a*nkh**	live, alive (be)	V. 250 - OK (Pyr) = ⲱⲛϩ ⲟⲛϧ	(v.) ʿ = ⲱ

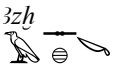
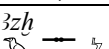
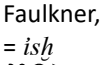
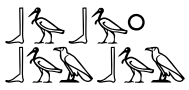
	= ꜥ*nḫ* (Demotic)				ꜥ = **ⲟ** *ḫ* = **ϧ**
1;3;4	ꜥ*nḫ* [ꜥ*nḫ.w*] Wb 1, 204.3-5	***a*n[a]kh**	flower bouquets [lit. 'the living ones'?]	V: 14 - NK (XVIII) = **ⲁⲛⲁⳙ ⲁⲛϩⳙ**	BOT *ḫ* = **ⳙ** *w* = plur. coll.
1;3;4	ꜥ*ny* [ꜥ*n*] = ꜥ*nw* Wb 1, 190.1-18	*a*n[ô] / *a*{n[ô]w}	beautiful (to be)	V. 216 = Extrapolated from **ⲧⲁⲛⲟ** 'make beautiful'	(v.) ꜥ = **ⲁ** [ô] = **ⲟ**
0;2;2	ꜥ*p.t* (Demotic) = *tp.t* 	***a*p[*è*] [accentuated *p*]**	head [IE = 'apex' English]	V: 14 - (Demotic) = **ⲁⲡⲉ ⲁⲫⲉ ⲁⲡⲉ**	BOD accent. ꜥ = **ⲁ** *p* = **ⲡ** *p* = **ⲫ**
1;3;4	*ȝpd* Wb 1, 9.12-14	**Ap[ô]d**	approach (in running); beat (of heart) [IE = English: 'approach'], rush forward	V. 248 - Ptol. (earlier)	(v.)
0;3;3	*ȝpd* = *ȝpt* = *ipd* = *ipt* Wb 1, 9.5-8	**Apd / Apt / æpd / æpt**	duck; goose; bird; [IE = Armenian: bad; Spanish: 'pato']	V. 248 - OK (Pyr) = **ⲱⲃⲧ**	ZOO *ȝ* = **ⲱ** *i* = **ⲱ** *d* = **ⲧ** *ȝ* ⇔ *i*
0;5;5	ꜥ*pšȝyy* [ꜥ*pš*{*ȝy*}] Wb 1, 181.18 = ꜥ*pš.w.t* Wb 1, 181.1	***a*psh{o} ['sh' accentuated]** ***a*psh[{o}w}**	scarab type of insect?	V: 45 - Late = **ⲉⲡⳙⲉ** 'scarab'	ZOO {DIA} accent ꜥ = **ⲉ** *ȝy* = {o} {ô} = **ⲉ**
0;2;2	ꜥ*ḳ* Wb 1, 230.3-232.9 = ꜥ*ḳ* (Demotic) = *iȝḳ* {[{*iȝ*}*ḳ*] 	***a*q /** **{ä}q**	enter, usher (someone)	V. 249 - OK = **ⲱⲕ**	(v.) {DIA} ꜥ = **ⲱ** *iȝ* = **ⲱ** ꜥ ⇔ *iȝ*
1;2;3	*ȝḳ* Wb 1, 21.11-20	Aq[ô]	perish, come to naught (to)	V. 212 - MK = Related to **ⲧⲁⲕⲟ** 'annihilate; loose'	(v.) *ȝ* = **ⲁ** [ô] = **ⲟ**
0;2;2	ꜥ*ḳw* [ꜥ*ḳ.w*] Wb 1, 232.16-233.1-2 = ꜥ*ḳ* (Demotic)	***a*q**	bread; provisions [; substance]; revenue	V. 154 - MK = **ⲱⲉⲓⲕ ⲟⲉⲓⲕ**	FOOD ꜥ = **ⲱⲉⲓ** ꜥ = **ⲟⲉⲓ** *w* = plur. coll.
0;3;3	*ȝḳy*	**Aqï**	sesame (*Sesamum ?indicum* L.)	V: 155 - (Demotic) = **ⲟⲕⲉ** [***ⲟⲕⲓ**]	BOT *ȝ* = **ⲟ**

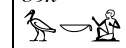
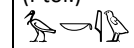
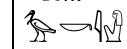
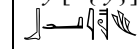
0;2;2	ꜥ*r* Wb 1, 208.4-7	***a*r**	reed, marsh rush	V: 16 - OK = ⲁⲣⲉⲅⲱⲉ ⲁⲣⲱⲟⲩⲓ [plural form]	BOT ꜥ = ⲁ
0;2;2	ꜥ*r* Wb 1, 208.11-13 = *ȝyr* [{*ȝy*}*r*]  = {ꜥ*ȝ*}*n* [{ꜥ*ȝ*}*n*] 	***a*r /** **{o}r /** **{*â*}n**	pebble (TLA); stone (little); fruit stone [IE? = ϧɯn 'kar' Armenian]	V: 6 - NK (XIX/XX) = ⲁⲁ [ⲁⲗⲙⲡⲉ = stone of the sky = 'grêle, grelon']. See also *inr*.	BOT {DIA} ꜥ = ⲁ *ȝy* = ⲁ *ʿȝ* = ⲁ *n* = ⲗ *r* = ⲗ
0;2;2	ꜥ*r* [ꜥ*r.t*] = ꜥ*rty* Wb 1, 208.8-9	***a*rt ['t' seemingly pronounced because of variant below /** ***a*rtï**	lotus stem	V: 16 - Ptol. = ⲁⲣⲱⲟⲩⲓ ⲁⲣⲉⲅⲱⲉ [plural as substantive?]	BOT ꜥ = ⲁ
0;3;3	*ȝrb*	**ArbA[è]**	hedge, closing	V. 172 - (Demotic) = ⲉⲣⲃⲉ ⲣⲃⲉ 'hedge' [for sheep]	HAB *ȝ* = ⲉ
0;3;3	ꜥ*rf* Wb 1, 210.23-211.2 = ꜥ*rf* ꜥ*rb* 'enclose; close' (Demotic)	***a*rf /** ***a*rb**	pack	V. 250 - MK = ⲱⲣⲫ ⲱⲣⲃ ⲟⲣⲃ ⲉⲣⲃ 'surround; restrain'	(v.) ꜥ = ⲱ ꜥ = ⲉ *f* = ⲃ
0;4;4	*ȝrmȝ.t*	**ArmA**	tear [IE = Latin: larma]	Vieira: 239 - (Demotic),	MED foreign?
1;3;4	ꜥ*rḳ*  Wb 1, 212.17-213.3	***a*rk[ô]**	conjure (something); abjure; swear (an oath)	V. 220 - MK = ⲱⲣⲕ [metathesis?]. Related to ⲧⲁⲣⲕⲟ ⲧⲁⲗⲕⲁ 'make swear' = *dy.t* ꜥ*rk* 'cause to conjure' 	(v.) [ô] = ⲟ
0;3;3	ꜥ*rḳ* Wb 1, 212.17-213.3 = ꜥ*rḳ* (Demotic)	***a*rq**	swear; conjure	V. 250 - MK = ⲱⲣⲕ also 'take an oath; lend'	(v.) ꜥ = ⲱ
0;3;3	ꜥ*rḳ*  = *irḳ* Wb 1, 211.16-17	***a*rq /** **ærq**	bend [arc] [IE = English: **arc**, **arc**h]	V. 249 - OK (Pyr) = ⲱⲗⲕ	(v.) ꜥ = ⲱ *i* = ⲱ *r* = ⲗ ꜥ ⇔ *i*
-	ꜥ*rḳ-ḥḥ* Wb 1, 213.4-6 =ꜥ*lk-ḥḥ* (Demotic)	***a*rq-H[a]H /** ***a*lk-H[a]H**	Ark-hah (Toponym - near Abydos)	V: 8 - MK/XIX = ⲁⲗⲭⲁⲁ (WB), ⲁⲗⲕⲉⲗⲉ Greek (WB): ἁλχäι	LOC *r* = ⲗ *ḳ* = ⲕ *ḥ* = ⲁ *ḥḥ* = ⲁⲁ
0;4;4	ꜥ*rḳ-yy* [ꜥ*rky*] Wb 1 212.8	***a*rqï**	Last day of month	V: 8 - MK/XIX = ⲁⲗⲕⲉ	CAL *r* = ⲗ

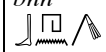
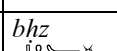
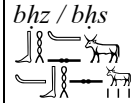
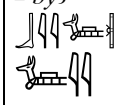
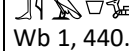
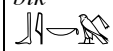
					ḳ = ⲕ *y* = ϵ
1;3;4	*ȝrr* TLA = Lesko, Dictionary I, 8	Ar[o]r / Ar[a]r	frustration	V: 41 - ? = ? ⲁⲗⲱⲗ [vb., meaning not indicated?] or ϵⲗⲗⲧ 'to desire impatiently'	ABS *ȝ* = ⲁ *r* = ⲗ [o] = ⲱ
1;3;4	*ʿrw*	***ar*[*è*]{[ô]w}**	may be	V: 16 - (Demotic) = ⲁⲣϵⲟⲩ ⲁⲣⲏⲓ	COND *ʿ* = ⲁ *w* = ⲟⲩ *w* = ⲏⲓ
1;4;5	*ȝrwy*	**Ar{[ô]w}ï**	stem	V: 14 - (Demotic) = ⲁⲣⲱⲟⲩⲓ ⲁⲣϵⲓⲟⲏⲩϵ jonc; marsh reed	BOT *w* = ⲱⲟⲩ *w* = ⲟⲏⲩϵ
1;3;4	*ʿš* = *iȝʿš* [{*iȝ*}*ʿš*]  Wb 1, 227.4-13;	**[ô]*a*sh /** **[ô]{ä}sh**	call (n. and v.) [IE = English 'shout'?]; summon	V. 155 - MK = ⲱϵⲓ*ⲯ* ⲱⲓ*ⲯ*	(v.) {DIA} [ô] = ⲱ *ʿ* = ϵⲓ *ʿ* = ⲓ *iȝ* = ϵⲓ *iȝ* = ⲓ *ʿ* = *iȝ*
0;2;2	*ȝs* Wb 1, 20.1-6	**As**	rush, make rush, hurry (to) [IE = English '**rus**h'?]	V: 67 - NK (earlier?) = ϵⲓⲥ ⲓⲱⲥ	(v.) *ȝ* = ϵⲓ
0;2;2	*ʿs* = (Demotic) *is* = *is*	***as* / is**	Thus (in the sense of French: 'voici' in affirmative sentences) [IE? = Armenian 'aisbès'; English 'thus'?]	V: 67 - (Demotic) = ϵⲓⲥ ⲓⲥ	DEM *ʿ* = ϵⲓ *ʿ* = ⲓ
0;2;2	*ʿš*  = *ʿši* Wb 1 227, 19	***a*sh /** ***a*shæ**	moan, groan	V: 21 - OK (Pyr) = ⲁ*ⲯ*	(v.) *ʿ* = ⲁ *i* = []
-	*ʿš sgb* Wb 1, 227.9	***a*sh-sg[a]b**	moan loud	V: 21 - OK (Pyr) = ⲁ*ⲯ*ⲥⲁⲡ	(v.) *ʿ* = ⲁ *g* = ⲥ *b* = ⲡ
0;2;2	*ȝs.t* OK = {*iw*}*s.t* (Late?) Wb 1, 20; 4 & 8.11-13	**As[*è*]** and As[i]? / **{È}s[è]** and {È}s[i]?	**Isis**	V: 55 - OK (Pyr) =: ⲏⲥϵ ⲏⲥⲓ. [Confirmed by V. 144: 'ⲡⲓⲣϵⲙⲛⲁⲏⲥⲓ' = 'Pirèmnaéci' = Pi + rèm + na + éci' 'The man of Isis"].	GOD *ȝ* = ⲏ {*iw*} = ⲏ *ȝ* ⇔ {*iw*}
0;3;3	*ʿšȝ* TLA = Meeks, AL 78.0804	***a*shA**	lizard	V: 20 - ?	ZOO
1;3;4	*ʿšȝ* 	***a*shA[i] /**	numerous (v. - to be)	V: 20 - OK = ⲁ*ⲯ*ⲁⲓ increase (v.), demultiply; survived also in ⲛⲁⲁ*ⲯ*ⲟ ⲛⲁ*ⲯ*ⲱ ⲛⲁ*ⲯ*ϵ 'be numerous;	(v.) *ʿ* = ⲁ *ȝ* = ⲁ

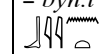
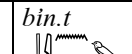
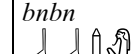
	Wb 1, 228.14-24 = ꜥš (Demotic)	***a*sh**[*è*?]		important (v.)' (V: 148).	
1;3;4	*ȝsꜥ*	As*a*[i]	light (to be)	V: 17 - (Demotic) = ⲁⲥⲁⲓ ⲁⲥⲓⲁⲓ	(v.) *ȝ* = ⲁ ꜥ = ⲁ
0;3;3	*ꜥš3.t* [*ꜥš3.w.t*] = *ꜥš.t* Wb 1, 229.6-8	***a*shA /** ***a*sh[*è*]**	multitude, the many (people); person	V: 20 - OK = ⲁϣⲏ ⲁϣⲏⲓ ⲁϣⲉ	NUM ꜥ = ⲁ *ȝ* = ⲏ *ȝ* = ⲉ *ȝ* ⇔ [*è*]
0;3;3	*ȝšr*  Wb 1, 21.4-7	**Ashr**	roast	V. 251 - OK = ⲱⲣϣ [metathesis]	(v.) *ȝ* = ⲱ
2;3;5	*ꜥšr**	**ash[i]r[a]***	chameleon [*reconstructed form proposed by Vycichl]	V: 20 - ? = ⲁϣⲓⲣⲁ	ZOO foreign? ꜥ = ⲁ
0;4;4	*ȝswȝ*	**AswA**	burse; testicular	V: 17 - (Demotic) = ⲁⲥⲟⲩⲓ	BOD *ȝ* = ⲁ *w* = ⲟⲩ *ȝ* = ⲓ
0;3;3	*ȝtp* Wb 1, 23.15-24.3 = *ȝtp* Faulkner, 6 = *ȝtp* (Demotic)	**Atchp ['tch' probably accentuated] /** **Atp**	load	V. 251 - NK = ⲱⲧⲡ	(v.) accent. *ȝ* = ⲱ *t̲* = ⲧ
1;4;5	*ȝtp-w.t* = *ȝtp.ii.t*  Wb 1, 24.7-9 Wb 1, 24	**Atp{[ô]w} /** **Atp{Au}?** **Atchp{[ô]w}**	burden, load	V: 48 - NK = ⲁⲧⲡⲱ ⲉⲧⲡⲱ ⲉⲧⲫⲱ	PRO {DIA?} *ȝ* = ⲱ *w* = ⲱ
1;4;5	*ȝtrm*	**Atr[i]m**	clover (English: French: Trefle) [*Trifolium* sp?' related to '*Bersim*' = clover in Arabic?]	V. 220 - (Demotic) = ⲧⲣⲓⲙ	BOT *ȝ* = []
0;3;3	*ȝty* = *ȝdy* [*ȝd*] Wb 1, 24.23 = *ȝty* [*ȝt̲*] (OK - Pyr) Wb 1, 23.9	**At {o}t?/** **Ad /** **Atch**	care (take, of someone), rear	V. 251 - Neo Eg. = ⲱⲧ	(v.) *ȝ* = ⲱ *d* = ⲧ *t̲* = ⲧ
1;3;4	*ȝwy* (Demotic) = *i3w* [{*i3*}*w*] Wb 1, 28, 1-6	**A{[ô]w}ï** **{ä}{[ô]w}**	glory	V: 48 - (Demotic) = ⲱⲟⲩ ⲉⲟⲟⲩ	ABS {DIA} *ȝ* = ⲉ *i3* = ⲉ *ȝ* = [] *i3* = [] *w* = ⲱⲟⲩ

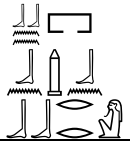
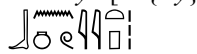
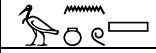
					w = ⲟⲟⲩ
1;2;3	*ȝwy* [{*ȝw*}] Wb 1, 3.12-4.6 = ˁ*w* (Demotic)	**{Au} /** a{[ô]w} or aw	large (be); long (be) [lit. 'great'?]	V. 251 - ? = ⲱⲟⲩ	(v.) {DIA} *ȝw* = ⲱⲟⲩ
0;6;6	ˁ*wyrdjȝ* [{ˁ*w*}*yrdj*{*ȝw*}] Wb 1, 213.14 = ˁ*rḏ* 'make strong; protect' (Demotic)	**{*ō*}rdj{Au}** ***a*rdj**	maintain; master	V. 251 - Neo Eg. = ⲟⲣⲭ 'make solid, fortify, solidify' [semantic shift]	(v.) {DIA?} Foreign *wy* = ⲟ
0;2;2	ˁ*ḫ* Wb 1, 223.13-16	***a*kh**	burning dish, brasero (for fumigation)	V: 20 - OK (Pyr) = ⲁⳉ	TOOL ˁ = ⲁ *ḫ* = ⳉ
0;2;2	*ȝḫ* = *ȝḫ* Wb 1, 13.7-13	**Akh**	magnificent; excellent; useful (to be)	V: 21 - ? = ⲁϧ	ABS *ȝ* = ⲁ *ḫ* = ϧ
0;2;2	ˁ*ḫ* Wb 1, 224.2-7 =ˁ*ḫy* (Demotic)	***a*kh[*è*] / *a*khï ['kh' accentuated]**	lift (to.); lift (oneself, to;	V: 69 - MK = ⲁⳉⲉ ⲁⳉⲓ hang (to, v.)	(v.) accent. ˁ = ⲁ *ḫ* = ⳉ
0;2;2	ˁ*ḫ* Wb 1, 223	***a*kh**	brasero (for fumigations)	V: 20 - ME & (Demotic) = ⲁⳉ oven	TOOL ˁ = ⲁ *ḫ* = ⳉ
0;3;3	ˁ*ḫm* Wb 1, 224.15-19	***a*khm**	extinguish (a fire), extinct; quench = Related to ˁ*ḫm* 'peter out' (of water)	V. 251 - OK (Pyr) = ⲱⳉⲙ ⲱⳉⲉⲙ ⲱⲍⲙⲉ ⲉⳉⲙ	(v.) ˁ = ⲱ *ḫ* = ⳉ
1;3;4	ˁ*ḫm* Wb 1, 225.1	***a*khm[i]**	soot? (mentioned as combustible along charcoal)	V. 251 - Neo Eg. = ⲁⳉⲙⲓ 'soot; mesh'	MAT ˁ = ⲱ *ḫ* = ⳉ
0;3;3	ˁ*ḫmw* [ˁ*ḫm.w*] Faulkner 48 & Wb 1, 226.12-13	***a*kh[*è*]m ['kh' accentuated]**	leaves (or small branches), twigs	V: 101 – Med. = ⲁⲁϧⲉⲙ 'stems; branches'	BOT accent. ˁ = ⲁ
0;3;3	*ȝḫr*	**AϮr**	marsh, [swamp]	V: 23 - (Demotic) = ⲁⲍⲣ ⲁⲍⲣⲉ [see also *ȝḫr*]	BOT *ȝ* = ⲁ *ḫ* = ⲍ
0;3;3	*ȝḫr*	**Akhr**	swamp, [marsh]	V: 21 - (Demotic) = ⲁⲍⲣ [see also *ȝḫr*]	BOT *ȝ* = ⲁ *ḫ* = ⲍ
0;2;2	*ȝḫw* [*ȝḫ.w*] = *ȝḫ.w* Wb 1, 15.17-16.10 = *ȝḫwy* (Demotic)	**Akh**	spirit, soul, divine essence; glorified spirit; demon; spirit (as being) [IE = French: **être**? (as person)]	V: 69 - OK (Pyr) = ⲓϧ	GOD *ȝ* = ⲓ

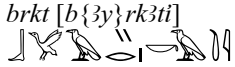
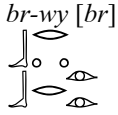
0;3;3	*ʒḫy*	**Akhï**	reed thicket	V: 21 - (Demotic) = ⲁϧⲓ	BOT *y* = ⲓ
0;3;3	*ꜥḫy* Wb 1, 224.2-7 = *ꜥḫy* (Demotic)	***a*khï / aϮi**	lift, suspend, raise up	V. 251 - MK = ⲱⲯⲓ	(v.) ꜥ = ⲱ *ḫ* = ⲯ *ẖ* = ⲯ
0;3;3	*ʒyḳy* [*{ʒy}ḳy*]	**{o}qï**	reed	V: 155 - (Demotic) = ⲱⲓⲕ ⲟⲉⲓⲕ [metathesis]	BOT {DIA} *ʒy* = ⲱ *ʒy* = ⲟ
0;3;3	*ʒzḫ*  = *isḫ* Wb 1, 19.18	**Azkh /** **æskh**	sickle [IE = English: 'sickle']	V. 252 - NK = ⲟⲥϧ ⲟⲥϩ	TOOL AGR *ʒ* = ⲟ *ḫ* = ϩ
0;3;3	*ʒzḫ*  Faulkner, 6 = *isḫ*  Wb 1, 19.15-16 = *ʒsḫ* (Demotic)	**Azkh /** **æskh /** **Askh**	reap (harvest), harvest [lit.'(to) sickle']	V. 252 - OK = ⲱϩⲥ ⲱϧⲥ [metathesis]	(v.) AGR *ʒ* = ⲱ *ḫ* = ϩ *ʒ* ⇔ *i*
1;1;2	*b.t*	**b[é]**	Tomb	V: 24 - (Demotic) = ⲃⲏ 'monument'	HAB
0;2;2	*bʒ*	**bA**	ram [IE? = French '**b**élier'?]	V: 28 - (Demotic) = in ⲃⲁⲙⲡⲉ = *bʒ n/m p.t* (WB I 414) [*ram of the sky [= Amun]* seems to have become *ram in the sky*].	ZOO
1;2;3	*bʒ* Wb 1, 411.6-412	**bA[i] b{o}?**	Soul	V: 25 - OK? = ⲃⲁⲓ in ⲛⲉⲃⲃⲁⲓ 'lord of the soul'	SPIR
0;2;2	*bʒ.t* = *biʒ* [*b{iʒ}*] Wb 1, 416.5-10 = *b* (Demotic)	**bA /** **b{ä}** / b[o?]	bush [French 'buisson'; IE = German 'baum', English ''bush']	V: 24 - NK = ⲃⲱ ⲃⲟⲩ	BOT {DIA} *ʒ* = ⲱ *ʒ* = ⲟⲩ *iʒ* = ⲱ *iʒ* = ⲟⲩ
0;4;4	*bʒbʒ*  Wb 1, 419.1-5	**bAbA**	hole, cavity, cavern	V: 25 - OK (Pyr) = ⲃⲏⲃ 'cavern, nest'[ⲛⲁⲛⲓⲃⲁⲃ = those of the cave]	ENV *ʒ* = ⲏ *ʒ* = []
0;4;4	*bʒbʒ.t* Wb 1, 419.6-8	**bAbA**	river drinking point; whirlpool?; inshore eddy? [IE = Latin 'bibere'?]	V: 25 - MK = ⲃⲉⲉⲃⲉ ⲃⲉⲃⲓ pour (v.) of water	ENV *ʒ* = ⲉⲉ *ʒ* = ⲉ
0;4;4	*bʒbʒ.t* = *bby.t*	**bAbA /**	grain (a cereal)	V: 27 - OK (Pyr) = ⲃⲁⲃⲓⲗⲉ	FOOD *ʒ* = [] *y* = ⲓ

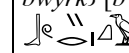
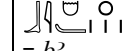
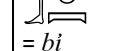
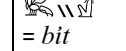
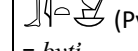
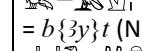
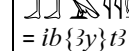
	(NK - XVIII) Wb 1, 418.14 = *blbyl3* (Demotic)	**b[è]bï /** **b[è]lbïlA**			[*è*] ⇔*ȝ*⇔*y*
0;4;4	*b3g3s* = *bgs* [*b3g3sy*] Wb 1, 483.4-5	**bAgAs /** **bAgAsï**	wrongdoing; revolt [IE = 'bagarre' French?]	V: 30 - MK = Related to ⲃⲉⲍⲉ ⲃⲉⲍⲉⲩ 'rebel'?	ABS foreign?
0;3;3	*b3h* Wb 1, 419.14-16	**bAH**	penis, phallus	V: 33 - ? = ⲃⲁϩ & V: 113 – 2nd Inter. per. (OK?) = Extrapolated from ⲙⲙⲁϩ =	BOD *ȝ* = ⲁ
0;3;3	*b3k*  Wb 1, 429.6-430.3 = *bk* (Demotic)	**bAk**	servant	V: 26 - OK = ⲃⲟⲕ ⲃⲁⲓⲁⲓⲕ [metathesis for *ⲃⲁⲓⲕⲁⲓ?]	MAN *ȝ* = ⲟ *ȝ* = ⲁ
1;3;4	*b3k* = *b3kiw* [*b3k{iw}*] (Ptol.)  Wb 427, 16-429.5	**bAk[è] /** **bAk{è}** **['k' accentuated]**	work; tax; salary?	V: 26 - MK = ⲃⲉⲕⲉ ⲃⲉⲕⲏ [plural form:] ⲃⲉⲕⲉⲉⲩⲉ ⲃⲉⲕⲁⲩⲓ 'salary'	(v.) accent. {DIA} *ȝ* = ⲉ [è] ⇔ *iw* ⇔ {è}
1;3;4	*b3k.t* = *b3ki*  Wb 1, 430.5-10	**bAk[i] /** **bAkæ**	servant (fem.)	V: 26 - MK = ⲃⲱⲕⲓ	MAN *ȝ* = ⲱ fem. by accent.
0;4;4	*b3k3* = *bk3.t* Wb 1, 481.12-13	**bAkA /** **b[è]kA**	pregnant woman	V: 26 - ? = [*ⲃⲟⲕⲉ] ⲃⲟⲕⲓ pregnant' (adj.)	MED *ȝ* = ⲟ
0;3;3	*b3s* No Wb?	**bAs[è]** **['s' accentuated]**	bucket for well = bucket well (in leather)	V: 31 - ? = ⲃⲏⲥⲉ	TOOL accent. *ȝ* = ⲏ
0;3;3	*bʿy* [*b{ʿy}*]  = *b3y* [*b{3y}*] Wb 1, 446.9-10 = *bʿy* [*b{ʿy}*] (Demotic)	**b{õ}/** **b{o} /** **b{õ}**	palm tree steep or rod	V: 24 - (Demotic) = ⲃⲁⲉ ⲃⲁⲉⲓ ⲃⲁⲓ ⲃⲁ ⲃⲏⲧ	BOT {DIA} *i* = ⲉ *y* = ⲓ *y* = ⲓ *y* = ⲉⲓ ʿ ⇔ *ȝ*
0;4;4	*b3yr* [*b{3y}r*] = *b3yr.ii* [*b{3y}r.ii*] Wb 1, 484.16	**b{o}r[è] [è] accentuated]** **plural: b{o}r{[è]oo}**	river fish indeterminate (*Mugil cephalus*?)	V: 30 - Dyn. ? = ⲃⲱⲣⲉ ⲫⲟⲣⲓ ⲫⲟⲣⲓ 'muge, mulet'	ZOO {DIA} foreign? *ȝy* = ⲱ *ȝy* = ⲟ *b* = ⲫ *b* = ⲫ [è] = ⲉ

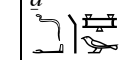
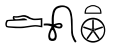
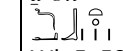
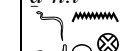
					[*è*] = ⲓ
0;3;3	*b3yr* [*b{3y}r*] Plur: *b{3y}r.ii* Wb 1, 465.8-9	**b{o}r Plur.** **b{o}r{[è]oo}**	boat [IE = English: '**boat', French: 'bar**ge']	V: 26 - NK = ⲃⲁⲓⲣ ⲃⲁⲓⲣⲓ	NAV {DIA} *ii* = [è]oo *{3y}* = ⲁⲓ
1;2;3	*bd.t* = *bti* MK Wb 1, 486.14-487.7 = *bt* (Demotic)	**b[ô]d[*è*] /** **b[ô]t[*è*]ï /** **b[ô]t[*è*]**	emmer (*Triticum dicoccum*) [IE 'é**peaut**re" French?]	V: 32 - OK (Pyr) = ⲃⲱⲧⲉ ⲃⲱϯ	BOT *d* = ⲧ *d* = ϯ
1;3;4	*bg3w* [*bg3.w?*] Wb 1, 482.12-14 = *bki* (Demotic)	**b[i]gA**	wrecked (of boat or sailor)	V: 34 - MK = ⲃⲓⲟⲉ ⲃⲉⲟⲧ ⲃⲓⲭⲓ	ABS *3* = ⲉ
1;3;4	*bhn*  Wb 1, 467.10	**b[ô]hn**	protect [IE = Armenian պաշտպանել 'bashpanél'?]	V: 34 - ? = *ⲃⲱϩⲛ ⲃⲟϩⲛ ⲃⲁϩⲛ ⲃⲁϩⲛⲉ ⲃⲉϩⲛ 'cover, to be in the shadow'	(v.)
1;3;4	*bḥz*  Wb 1, 469.4-10	**b[a]hz[*è*]**	veal; heifer	V: 34 - OK (Pyr) = ⲃⲁϩⲥⲉ ⲃⲁϩⲥⲓ	ZOO *z* = ⲥ [*è*] ⇔ ⲉ ⇔ ⲓ
1;3;4	*bḥz / bḥs*  Wb 1, 469.4-10	**b[a]Hz /** **b[a]Hs**	calf, bull (young)	Extrapolated from V: 73 - OK (Pyr) = ⲕⲃⲁϩⲥ = *k3 bḥs* Kbahs (town near Bahr Youssef).	ZOO *z* = ⲥ
1;2;3	*bi.t* Wb 1, 434.6-12 = *iby* (Demotic)	**[*e*]bï[o] /** **æby[o]**	honey	V: 38 - OK (Pyr) = ⲉⲃⲓⲟ Pl. ⲉⲃⲓⲟⲟⲩⲉ [èbiowè]	AGR schwa [*e*] ⇔ *i*
0;3;3?	*bi3.t* [*{b{i3}.t*] = *by3*  Wb 1, 440.3	**[*e*]b{ä} /** **[*e*]byA**	astonishment	V: 37 - OK (Pyr) = ⲉⲃⲏ	ABS {DIA} schwa *i3* = ⲏ *i* = []
1;3;4	*bi3.w* [*b{i3}.w*]  Wb 1, 440.4-6	**[è]b{ä}**	marvels, wonders, astonishing things; wonderful things	V: 38 - NK (XVIII)/LP = ⲉⲃⲏ	ABS {DIA} schwa *iw* = ⲏ
0;3;3	*bik*  Wb 1, 444.13-445.8 = *bk*	**bæk / bik**	falcon	V: 34 - OK = ⲃⲉⲟ ⲃⲓⲟ ⲃⲏⲭ ⲃⲉⲭⲓ	ZOO *i* = ⲉ *i* = ⲏ

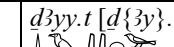
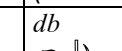
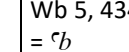
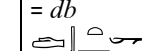
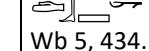
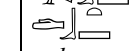
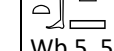
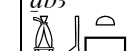
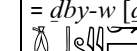
	(Demotic)				
1;3;4	*bin* Wb 1, 442.15-443.17 = *bin* (Demotic)	**bæn[*è*] ['n' accentuated]**	bad, evil (adj. the)	V: 28 - OK = ⲃⲟⲛⲓ ⲃⲱⲱⲛⲉ ⲃⲟⲩⲟⲩⲛⲉ	ABS accent; *i* = ⲱⲱ *i* = ⲟ *i* = ⲟⲩ
1;3;4	*bin* = *bin* Wb 1, 442	**b[ô]in**	evil (adj.) [IE?]	V: 28 - (Demotic) = with shift ⲃⲱⲛ ⲃⲱⲱⲛ	ABS *i* = []
1;3;4	*bin.t* = *byn.t* Greek  Wb 1, 444 = *bn.t* Wb 1, 457.5-10	**b[o]in[*è*] /** **b[o]ïn[*è*] ['n' accentuated] /** **b[o]n[*è*]**	harp	V: 26 - OK = ⲃⲟⲓⲛⲉ [onomatopoeia?] ⲟⲩⲱⲓⲛⲓ (TLA)	TOOL ONO accent.
1;3;4	*bin.t*  Wb 1, 444.1-9	**bæn[*è*] ['n' accentuated]**	evil thing (the, n.)	V: 28 - MK = ⲃⲟⲟⲛⲉ ⲃⲟⲛⲓ 'bad, misfortune, harm'	ABS accent. *i* = ⲟⲟ *i* =ⲟ
1;2;3	*bk* = *bik* Wb 1, 444	**b[è]k / b[è]k / bik**	Falcon	V: 34 - (Demotic) = ⲃⲉⲑ ⲃⲏⲭ ⲃⲉⲭⲓ ⲃⲓⲑ	ZOO *k* = ⲭ
1;2;3	*bk.t* = *? bȝkȝ.t* 'temple ground' Wb 1, 430.14	**b[a]k[*è*] ['k' accentuated]**	City	V: 26 - (Demotic) = *ⲃⲁⲕⲉ ⲃⲁⲕⲓ	URB accent. [*è*] = ⲓ
1;3;4	*bkȝ* Wb 1, 481.1-11	**b[ô]kA**	pregnant (to become)	V: 26 - MK = Related to *ⲃⲱⲕⲉ ⲃⲟⲕⲓ 'pregnant' (adj.)	(v.) MED
1;3;4	*bkï* = *bgȝw* Wb 1, 482	**b[è]ki**	wrecked (of boat or sailor)	V: 34 - (Demotic) = ⲃⲉⲟⲧ ⲃⲓⲟⲉ [metathesis] ⲃⲓⲭⲓ	NAV *k* = ⲭ
1;2;3	*bl*	**b[*è*]l[*é*] / b[*è*]l[*è*] ['b' accentuated]**	blind [IE = English 'blind']	V: 24 & 27- (Demotic) = ⲃⲗⲗⲏ ⲃⲗⲗⲉ ⲃⲉⲗⲗⲉ	MED accent.
0;6;6	*blbylȝ*	**blbïlA**	Grain = *bȝbȝ.t* Wb 1, 418.14	V: 24 & 27 - (Demotic) = ⲃⲁⲃⲓⲗⲉ	FOOD foreign *ȝ* = ⲉ *l* = ⲗ *y* = ⲓ
0;5;5	*bld*ˁ	**Bldj*a***	sherd, ostracon	V: 28 - (Demotic) = ⲃⲗⲭⲉ	TOOL foreign? ˁ = ⲉ
0;2;2	*bn* Wb 1, 456.6-12	**b[*e*]n**	not [negative form of imp.]	V: 113 – OK (end of XVIII) = ⲙⲛ ⲛ	NEG *b* = m
1;4;5	*bnbn*  = *brbr*	b[*è*]nb[i]n? /	stone which is sharp - sharp stone? [meaning uncertain]	V: 29 - OK (Pyr) = Related to ⲃⲉⲣⲃⲓⲣ	TOOL

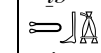
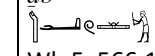
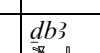
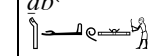
	 Wb 1, 459.12	**b[è]rb[i]r**	Aesthetic arrangements of both words: 	'javelin'?	
1;4;5	*bnbn* Wb 1, 459.19-20	b[ô]nb[è]n ['b' accentuated]	run (of Nile stream) [French 'couler']	V. 159 - Ptolem. = Related to ⲡⲟⲙⲡⲉⲙ 'overflow'?	(v.) accent. *b* = ⲡ
1;3;4	*bnd* Wb 1, 464.13	**b[o]nd[è] [accentuated]**	cucumber garden (TLA)	V: 30 - Ptolemaic = ⲃⲟⲛⲧⲉ ⲃⲟⲛ† 'garden where melon and cucumber are cultivated'; melon or cucumber [the latter seems doubtful]	AGR accent. *d* = ⲧⲉ *d* = †
0;4;4	*bnd3* 	**bndjA**	plate in metal [IE? = Armenian 'bnag'?]	V: 29 - (Demotic) = ⲃⲓⲛⲁϫ ⲡⲓⲛⲉϫ	TOOL foreign?
1;3;4	*bng* Wb 1, 464.4	**b[a]ng**	bird name - unidentified	V: 28 - MK = ⲃⲁⲛⲕ (perdrix?)	ZOO *g* = ⲕ
1;2;3	*bnn.t* Wb 1, 460.15	**bn[é] ['n' accentuated by duplication?]**	threshold [of house]	V. 160 - NK? = ⲃⲛⲛⲏ ⲡⲛⲛⲏ ⲡⲛⲏ	HAB b = ⲡ
1;3;4	*bnw.t* = *bnw.y.t* [*bn{wy}.t*]  Wb 1, 458.12-14 = *b3nw* 	**b{n[ô}w}[è] /** **bn{ō} /** **bA{n[o]w}**	stone [large] for griding = griding stone, quern (French: 'meule')	V: 49 - OK? = ⲟⲩⲛⲉ ⲉⲩⲛⲓ [metathesis?]	AGR {DIA} accent.
1;3;4	*bny* =*? mn.t* Wb 2, 64	**b[è]nï** = m[è]n[i]?	swallow	V: 28 - (Demotic) = in ⲃⲉⲛⲓ ⲃⲏⲛⲓ	ZOO *y* = ⲓ
0;3;3	*bny* Wb 1, 461.12-16 = *bnry* MK = *bn* (Demotic)	**b[è]nï/** **b[è]nræ ['n' accentuated?]** **bn[i] or bn[e]**	date [fruit]	V: 29 - OK = ⲃⲉⲛⲓ ⲃⲛⲛⲉ (with archaic r in *bnry*)	BOT accent. *y* = ⲓ
0;3;3	*bny* [*bnï*] Wb 1, 462.7-463.6	**b[è]næ ['b' accentuated]**	sweet, sugary (to be, – also adj.)	V: 29 - ? = Related to ⲃⲉⲛⲓ ⲃⲛⲛⲉ 'date' (fruit / tree)	BOT accent.
0;3;3	*bny.t* Wb 1, 462.1-3	**b[è]nï ['b' accentuated]**	date tree - palm tree	V: 29 - NK (XVIII) = ⲃⲉⲛⲓ ⲃⲛⲛⲉ ⲃⲏⲛⲛⲉ	BOT accent. *y* = ⲓ
0;2;2	*bnyw* [*bn{iw}*] Wb 1, 462.4-5	**b[è]n{è}**	date tree wine, date tree juice	V: 29 - NK = Related to ⲃⲛⲛⲉ ⲃⲉⲛⲓ date (fruit / tree)	BOT {DIA} accent.
1;2;3	*Br* Wb 1, 465.6	**b[ô]r**	see	V: 26 - Ptolemaic = Related to ⲃⲁⲗ ⲃⲉⲗ 'eye'	(v.) *r* = ⲗ
0;4;4	*Brbr*	**brbr / b[è]rb[è]r ['b'**	boil	V: 30 - Ptolemaic =	(v.)

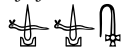
	Wb 1, 466.1	**accentuated]**		ⲃⲉⲣⲃⲉⲣ ⲃⲣⲃⲣ	ONO accent.
0;7;7	*brkt* [*b{ʒy}rkʒti*]  Wb 1, 466.11	**b{o}rka{tè}**	lake [Arabic 'birket']	V: 31 - Foreign borrowing	ENV {DIA} foreign
1;2;3	*br-wy* [*br*]  Wb 1, 465.5 = TLA DZA 22.900.840	**b[a]r /** **b[e]r** **['b' accentuated]**	eye, eye ball[s?]	V: 26 - Ptolemaic = ⲃⲁⲗ ⲃⲉⲗ 'eye'	BOD accent. *r* = ⲗ
0;3;3	*bry*	**brï**	new; young	V: 30 - (Demotic) = ⲃⲉⲣⲓ ⲃⲣⲣⲉ	ABS *y* = ⲓ
0;2;2	*bs*	b[*è*]s ['b' accentuated?]	panther skin	V: 31 - (Demotic) [Related to Bes's panther skin = ⲃⲉⲥ?]	MAT accent?
1;3;4	*bš* = *bšʒ* = *bʒšʒ* Wb 1, 478.10	**b[é]sh,** **b[è]shA,** **bAshA**	fig which are green? = green figs? (fruits of some kind mentioned near dates and wheat)	V: 33 - OK (Pyr) = ⲃⲏⲏ̀ⲯ ⲃⲏ̀ⲯ ⲃⲉⲉ̀ⲯ ⲃⲉ̀ⲯ 'green dates'	BOT *ʒ* = []
1;2;3	*bš*	**b[ô]sh / b[è]sh**	undress	V: 33 - (Demotic) = *ⲃⲱ̀ⲯ ⲃⲟ̀ⲯ ⲃⲉ̀ⲯ	(v.)
1;3;4	*bs* Wb 1, 476.8	**b[è]s /**	Bès	V: 31 - OK (Pyr) = ⲃⲉⲥ	GOD [*è*] = ϵ *ʒ* = ϵ
1;2;3	*bš* = *bšʒ* = *bišʒ* Wb 1, 478	**b[é]sh /** **b[è]shA/** **b[i]shA**	fruits - unidentified found in offerings near wheat and dates	V: 33 - varia = ⲃⲏ̀ⲯ ⲃⲉ̀ⲯ "green dattes'	BOT
1;4;5	*bsbs* = *bʒsbs*	**b[a]sbs /** **bAsbs / pAsbs**	bird (duck or geese; type of bird unidentified (*Oxura leucocepha*?) = *psbs* [*pʒsbs*] Wb 1, 477.1	V: 32 - OK = ⲃⲁⲥⲃⲥ in ⲧⲃⲁⲥⲃⲥ	ZOO *b* = *p* [a] ⇔ *ʒ*
1;4;5	*bšws*	**b[è]sh{[ô]w]sh**	*?X = Ruta graveolens*	V: 33 - (Demotic) = ⲃⲁⲯⲟⲩⲯ	BOT foreign? *w* = ⲟⲩ
1;2;3	*bt* = *bd.t* Wb 1, 486	**b[ô]t[è] ['t' accentuated] /** **b[ô]d[è]**	emmer	V: 33 - (Pyr) (Demotic) = ⲃⲱⲧⲉ ⲃⲱ†	BOT accent. *d* = ⲧⲉ *d* = †
-	*bw iry* [*bw* = Wb 1, 453.1-2]	**b{[ô]w}-ær[è] /** bær[è]	not-make [negative action; composed of the common language negation *bw*]	V: 119 – MK = ⲙⲡⲁⲣⲉ ⲙⲁⲣⲉ ⲙⲉⲣⲉ ⲙⲁ ⲙⲉ	NEG *b* = m?
1;2;3	*bw.t* Wb 1, 453.7-454.7	**b[é]{[ô]w}**	disgust, abomination; lie, sin; thirst [French 'berk']	V: 33 - OK (Pyr) = ⲃⲏϒ	ABS ONO *w* = ⲏϒ

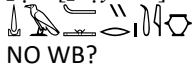
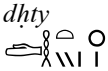
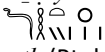
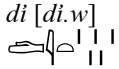
0;6;6	*bwyrkȝ* [*b{wy}rkȝ*]  Wb 1, 466.7	**b{ō}rkA**	shine, scintillate	V: 39 - NK = Related to ⲃⲣⲏⲟⲉ ⲉⲃⲣⲏⲟⲉ 'lightning'? Given as foreign by V., and others.	(v.) foreign {DIA}
1;2;3	*bḥ* Wb 1, 472.14 = *bḫ* (Demotic)	**b[o]ϯ**	Buchis, sacred bull of Hermonthis / Armant [IE = *bos* Latin]	V: 33 - Ptolemaic = ⲃⲟϩ	ZOO *ḫ* = ϩ
0;2;2	*byȝ* [*biȝ*] = *b by* [*bi*] (NK)  = *bȝ* Wb 1, 436.1-438.5 = *b* (Demotic)	**b{ä} /** **bæ /** **bA /** **b[é]**	metal; ore [in general]; copper	V: 29-30 - OK = ⲃⲉⲛⲓⲡⲉ ⲃⲉⲛⲓⲡⲓ ⲃⲁⲛⲓⲡⲉ from 'iron", literally 'metal of the sky" ⲃⲉ−ⲛⲓ −ⲡⲉⲑ = *byȝ n p.t*	MAT {DIA} *iȝ* = ⲉ *iȝ* = ⲁ *i* = ⲉ *i* = ⲁ *ȝ* = ⲉ *ȝ* = ⲁ [è] = ⲉ [è] = ⲁ [è] ⇔ *iȝ* ⇔ æ
1;2;3	*byȝ* [*b{iȝ}*] = *bi*  = *b{iw}* Wb 1, 439.6-9	**b{ä} /** **bæ /** **b{è}**	sky water [path]; heaven, sky	V: 25 - OK = ⲃⲁⲓ in ⲭⲣⲟⲩⲃⲁⲓ ϧⲁⲣⲁⲃⲁⲓ 'celestial roof' [metathesis?]	ASTR {DIA} *iȝ* = ä *{iw}* = è *iȝ* ⇔ *i* ⇔ *{iw}*
0;3;3	*byr*	**Bïr**	basket	V: 30 - (Demotic) = ⲃⲓⲣ	TOOL *y* = ⲓ
1;3;4	*byt* Wb 1, 434.13-15	**[*e*]bït[*è*] ['t' accentuated; artistic arrangement of ï]**	apicultor, beeherder, beekeeper	V: 38 - NK = ⲉⲃⲉⲓⲧ ⲉⲃⲓⲁⲧⲉ	AGR schwa accent. gen ï
1;3;4	*byt*  = *bit*  (Pyr) = *byti* = *byt* = *bity* = bytA (NK) = *b{ȝy}t* (NK)  = *ib{ȝy}tȝ* (NK)  = *ȝbyt* (NK) Wb 1, 435.1-15	**[*e*]bït[*è*] ['t' accentuated; artistic arrangement of ï] / [*e*]bæt[*è*] /** **[*e*]bï{tè} /** **[*e*]bït[*è*] /** **[*e*]bït[*è*] /** **[*e*]bïtA /** **[*e*]b{o}t[*è*]** **æb{o}tA] /** **Abït[*è*]** Ab{o}t[*è*]?	King of Lower Egypt [Lit. 'The Apicultor', 'The Bee Herder' in the sense of the one taking care of the bee hive = the people. The root '*by*' is IE English 'bee'?]	V: 38 - OK (Pyr) = ⲉⲃⲉⲓⲧ ⲉⲃⲓⲁⲧⲉ	AGR {DIA} accent schwa gen ï *y* ⇔ *i* ⇔*ȝ* {tè} [*e*] ⇔ *i* ⇔ *ȝ* [*è*] ⇔*ȝ*

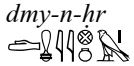
0;2;2	*ḏˁ*  Wb 5, 534.12	Dj***a***	desert (be)? mourn?	V. 324 - NK = Related to ⲭⲗⲉⲓⲉ Pl. ⲭⲗⲓⲉⲩⲉ 'desert'	(v.)
0;2;2	*ḏˁ* Wb 5, 533.11-534.6	**Dj*a***	tempest; violent wind, squall; fart [lit. to '[make some] wind'	V. 323 - OK = ⲭⲟ 'wind; tempest'	ENV ˁ = ⲟ
0;2;2	*ḏ3.t* Wb 5, 415 = *ḏw3.t*  Wb 5, 415.8-416	**dA /** **dwA**	Netherworld, Douat	V. 208 - OK (Pyr) = ⲧⲏ ⲧⲏⲓ	REL *3* = ⲏ
0;3;3	*ḏˁb.t*  Wb 5, 536.8-17 = *ḏˁb.t* (Demotic)	**dj*a*b [very likely ' dj*a*b[*è*] with 'b' accentuated]**	coal	V. 324 - MK = ⲭⲏⲃⲥ ⲭⲗⲉⲓⲃⲥ ⲭⲉⲃⲥ ⲭⲃⲃⲥ ⲭⲃⲥ	MAT accent? ˁ = ⲏ ˁ = ⲗⲉⲓ ˁ = ⲉ
0;4;4	*ḏ3ḏ3* Wb 5, 530.5-531.20 = *ḏ3ḏ3 ḏḏ* (Demotic)	**djAdjA / dj[o]dj**	tip [rather than] head	V. 328 & 334 - MK = ⲭⲱⲭ. Also extrapolated from ⲭⲉⲛ ⲉⲡⲱⲣ 'roof' (lit. 'head [/top] of house')	ABS accent. duplic. *3* = ⲱ *3* = ⲉ
0;2;2	*ḏ3ḏ3w* [*ḏ3ḏ{3w}*] Wb 5, 532.1-5 = *ḏ3ḏ3i* [*ḏ3ḏ{3y}*] TLA 31.552.090 = *ḏ3* 'cup' (Demotic)	**dj{Au}** **[accentuation on 'dj' by reduplication]** **dj{o} /** **djA**	pot [; cup?]	V. 324 - MK = ⲭⲱ ⲭⲟⲩ 'cup'	TOOL {DIA} accent. duplic. *3y* = ⲱ *3y* = ⲟⲩ
0;3;3	*ḏ3f* Wb 5, 522.8-13 = *ḏf* (Demotic)	**djAf [perhaps also *dj[ô]f] /** dj[o?]f]	burn up	V. 333 - NK (Dyn. XVIII) = ⲭⲱⲕ ⲭⲟⲩⲕ ⲭⲟⲩ	(v.) Dialect? *3* = ⲱ *3* = ⲟⲩ
0;4;4	*ḏ3ir* [*ḏ{3y}r*] Wb 5, 511-513.14	**dj{o}r[è]**	cross river or a body of water; ferry (to). Close to *ḏ{3y}* 'cross'	V. 324 - ? = ⲭⲓⲟⲟⲣ	(v.) {DIA} *{3i}* = ⲓⲟⲟ
0;2;2	*ḏ3iw* [*ḏ{3i}.w*] No Wb?	**dj{o}**	bump	V. 323 - ? = Related to ⲭⲟ ⲗⲭⲱ 'hunch back'	BOD MED {DIA} *{3i}* = ⲟ
0;3;3	*ḏ3m* Wb 5, 523.5-524.6 = *ḏm* (Demotic)	**djAm /** **dj[a]m**	generation; youth; progeniture [IE = English 'generation'?]	V. 327 - MK = ⲭⲱⲙ	MAN *3* = ⲱ
0;3;3	*ḏˁn.t*  No Wb?	**dj*a*n[è] /** **dj*a*nï ['n'**	Tanis	V. 328 - ? = ⲭⲗⲗⲛⲉ ⲭⲗⲛⲓ	LOC accent. ˁ = ⲗⲗ

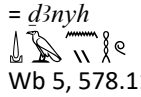
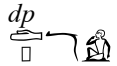
	= *ḏꜥny* (Demotic)	**accentuated]**			[*è*] = ϵ [*è*] = ı
0;3;3	*ḏꜥr* Wb 5, 539.8-540.14	Dj*a*r	search, seek, investigate; to take thought of [IE = English '**sear**ch']	V. 330 - MK = Related to ϫHP 'spy; scout [lit. '[re]searcher']	(v.)
0;3;3	*ḏ3r.t* Wb 5, 526.14	**djAr[*è*] ['r' accentuated]**	pods of a tree (caroub tree pods?)	V. 324 - Ptol. = ϫHPI ϫIϵIPϵ	BOTP accent *3* = H *3* = IϵI [*è*] = ϵ [*è*] = ı
0;2;2	*ḏ3yy* [*ḏ{3y}*] Wb 5, 515.6 = *ḏy* (Demotic)	**dj{o}** / dj[o]i?	boat [lit '[the] crossing [one] from 'cross' (v.)]	V. 324 - Neo Eg. = ϫOI	NAV {DIA} *3y* = {o} *3y* = O
0;2;2	*ḏ3yy.t* [*ḏ{3y}.t*]  Wb 5, 518.3-18 = *ḏ3* 'be bad' (Demotic)	**dj{o}**	disobey; unfortunate event (n.)	V. 323 - MK = ϫO 'be bad' [semantic shift?]	(v.) {DIA} *3y* = O
1;2;3	*db*  Wb 5, 434.3-6 = *ꜥb*  Wb 1, 173.12-174.1	**d[a]b /** ***a*b**	horn	V. 218 - 2nd Intermediate Per. = TAΠ. See also *ꜥb*	TOOL *d* = T *d* = [] [a] = *a* [a] = ꜥ *b* = Π
1;2;3	*db*  = *db*  Wb 5, 434.10 = *tb.t* (Ptol.) Wb 5, 261.6	**d[a]b /** **t[a]b**	cage (for birds?); trap [IE = English 'trap']	V. 218 - MK = TAΠ	TOOL *d* = T *b* = Π
1;2;3	*ḏb.t* = *db.t*  = *tb.t*  Wb 5, 553.7-554.18	**dj[ô]b[*è*] /** **d[ô]b[*è*] /** **t[ô]b[*è*] ['b' accentuated]**	brick; ingot; sheet	V. 210 - OK (Pyr) = TWBϵ TWBI	MAT accent *ḏ* = T [è] = ϵ [è] = ı
1;3;4	*ḏb3*  Wb 5, 561.8-12 = *ḏby-w* [*ḏb{wy}*]  = *tby.t* (Demotic)	**dj[*é*]bA /** **dj[é]b{*ō*} [accentuated 'dj']** tb{*ō*}?	coffin, sarcophagus; crate for idol, shrine	V. 212 - MK (OK?) = THHBϵ THBϵ TAIBϵ TAIBI	TOOL FUN {DIA} accent *ḏ* = T {*wy*} = HH {*wy*} = AI
1;3;4	*ḏbꜥ*	**dj[é]b*a* /**	finger	V. 210 - OK = THHBϵ	BODY

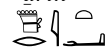
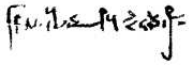
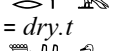
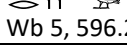
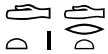
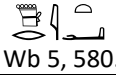
	 Wb 5, 562.11-565.9 = *tbʿ* (Demotic)	**t[é]b*a***		ⲧⲏⲃ ϯⲉⲓⲃⲉ	ʿ = ⲉ *ḏ* = ⲧ *t* = ϯ
1;3;4	*ḏbȝ* = *ṯb*  Wb 5, 561.14 = *tb.t* Wb 5, 261	**dj[é]bA /** **tch[é]b[a] /** **t[è]b[a]**	crate for birds	V. 212 - OK = ⲟⲏⲃⲓ ⲟⲉⲃⲓ; see also *db* 	TOOL *ḏ* = ⲟ *ṯ* = ⲟ *t* = ⲟ [é] = ⲉ
1;3;4	*ḏbȝ* = *dbȝ* Wb 5, 555.5-556.10 = *tbȝ* (Demotic)	**dj[ô]bA /** **d[ô]bA** **t[ô]bA**	reward; replace; reimburse	V. 211 - OK (Pyr) = ⲧⲱⲃⲉ ⲧⲱⲃ ⲧⲟⲟⲃ ⲧⲉⲃⲉ ⲧⲟⲃ ⲧⲟⲡ	(v.) *ȝ* = ⲉ
1;3;4	*ḏbʿ*  Wb 5, 566.12-15 = *tbʿ* (Demotic)	**dj[ô]b*a* /** **t[ô]ba**	seal [lit. 'to finger'?; close]	V. 211 - Late = ⲧⲱⲃⲉ ⲧⲱⲃ ⲧⲱⲃⲓ ⲧⲟⲟⲃ ⲧⲉⲃ	(v.) ʿ = ⲉ *ḏ* = ⲧ
0;3;3	*ḏbʿ* = *tbʿ* (Demotic) Wb 5, 565.13-566.4	**Djb*a***	ten thousand	V. 210 - OK = ⲧⲃⲁ ⲟⲃⲁ ⲧⲃⲉ	NUM ʿ = ⲁ *ḏ* = ⲧ *ḏ* = ⲟ ʿ = ⲉ
0;3;3	*ḏbȝ* = *dbȝ* Wb 5, 555.5-556.10 = *tbȝ* (Demotic)	**djbA /** **d[è]bA ['dj' accentuated] /** **t[è]bA**	reward, replace	V. 165 - NK = Extrapolated from ⲡⲉⲧⲃⲉ ⲡⲉⲧⲃⲏ '[the god] Petbé' = *Pȝ ḏbȝ* 'The [one] who rewards'	(v.) accent *ḏ* = ⲧ *ȝ* = ⲉ
0;3;3	*ḏbȝ*  Wb 5, 562.1 = *tb* (Demotic)	**DjbA /** **Tb[a]**	Edfu	V. 210 - Ptol. (earlier?) = ⲧⲃⲱ ⲟⲃⲱ	LOC *ȝ* = ⲱ *ḏ* = ⲧ *ḏ* = ⲟ
0;3;3	*ḏbʿ*  Wb 5, 566	**djb*a* [accentuation on 'b']**	seal, signet	V. 211 - ? = ⲧⲃⲃⲉ	TOOL *ḏ* = ⲧ *b* = ⲃⲃ ʿ = ⲉ
1;3;4	*ḏbȝ-w* = *dbȝ.w* Wb 5, 562.2	**dj[ô]bA /** **d[ô]bA**	leaves (carried by the wind)	V. 211 - Ptolemaic = ⲧⲟⲟⲃϥ	BOT *ȝ* = [] *ḏ* ⇔ *d*
1;3;4	*dbḥ* Wb 5, 439.6-440.1	**d[ô]b[è]H ['b' accentuated]**	ask; need (to be in); requisition	V. 211 - OK = ⲧⲱⲃϩ ⲧⲱⲃⲁϩ 'pray' [semantic shift]	(v.) accent. *d* = ⲧ [è] = ⲁ

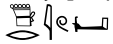
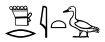
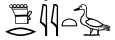
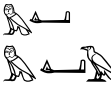
0;5;5	*ḏb{ȝy}r* Wb 5, 439 & TLA DZA 31.377.670	**Db{o}r**	sanctuary	V. 211 - Neo Eg. = ⲧⲁⲃⲓⲣ	HAB Foreign {DIA} *d* = ⲧ *{ȝy}* = ⲓ
1;3;4	*dbn.t* Wb 5, 438.17 = *dbn.t* (Demotic)	**dbn[é]**	animal	V. 211 - Late = ⲧⲉⲃⲛⲏ ⲧⲃⲛⲏ	ZOO
1;2;3	*ḏd* Wb 5, 626.11	**dj[a]d**	Djed pillar	V. 222 - OK = ⲧⲁⲧ	GODP *ḏ* = ⲧ *d* = ⲧ
1;2;3	*ḏd* Wb 5, 618.9-625.2	**dj[ô]d**	say	V: 2 - Old L. Extrapolated from imperative ⲁⲭⲱ 'say!'	(v.)
1;2;3	*ḏd* Wb 5, 631.10-632.3	**dj[ô]d[è] ['d' accentuated]**	ripe (to); make ripe	V. 332 - Ptol. = ϫⲁⲁⲧⲉ ϫⲁⲧⲉ ϫⲟⲧⲉ also 'make old'	(v.) accent. [ô] = ⲁⲁ
1;2;3	*ḏd.tw* [*ḏdt.w*] Wb 5, 618.4-5 = *ḏyt* (Demotic)	**dj[ô]t / dj[ô]ït**	olive; olives; olive oil [Related to 'zeitoun' and other Middle Eastern terms for the olive tree and its products]	V. 325 - NK = ϫⲱⲓⲧ ϫⲟⲓⲉⲧ ϫⲁⲉⲓⲧ	BOT foreign? *d* = ⲧ
1;3;4	*ḏdȝ* Wb 5, 631.2	**dj[ô]djA**	pierce; kill; knock	V. 332 - Ptol. = ϫⲱⲧⲉ ϫⲱⲧ ϫⲟⲧ ϫⲉⲧ	(v.) *ḏ* = ⲧ *ȝ* = ⲉ
1;3;4	*ḏdf.t* = *ḏȝdf.t* Wb 5, 633.6-634.3 = *ḏtf.t* 'worm' (Demotic)	**dj[a]df[è] /** **djAdf[è] /** **dj[a]tf[è] ['f' accentuated]**	snake; worm [; rampant?]	V. 332 - NK = ϫⲁⲧⲫⲉ ϫⲁⲧⲫⲓ ϫⲉⲧⲫⲉ ϭⲁⲧⲫⲓ 'reptile; vermin' [semantic shift]	ZOO accent. *d* = ⲧ [è] = ⲉ [è] = ⲓ [a] ⇔ *ȝ*
1;3;4	*ḏdm.t* Wb 5, 634.7-18	**dj[ô]dm[è] ['m' accentuated]**	pile (of wheat, myrrh, precious metals, etc...)	V. 332 - NK (Dyn. XIX) = ϫⲁⲧⲙⲉ	(v.) accent [ô] = ⲁ *d* = ⲧ
1;4;5	*ḏfḏf*  Wb 5, 523.2	**dj[ô]fdj[è]f ['dj' accentuated]**	burn (enemies)	V. 333 - Ptol. = ϫⲟⲫϫⲫ ϫⲟⲫϫⲉⲫ	(v.) accent.
1;3;4	*dgȝ* Wb 5, 499.7-14 = *tg* (Demotic)	**d[ō]gA /** **t[ô]g[è] ['g' accentuated]** =	plant; put; erect; glue; coat [French: 'enduire'], cover, lay (stones)	V. 227 - NK = ⲧⲱⲙⲕⲉ ⲧⲱⲕⲉ ⲧⲱϫⲓ ⲧⲉⲕ	(v.) accent *g* = ϫ [è]⇔*ȝ* ⇔ⲉ⇔ⲓ
0;3;3	*dgm* 	**dgm[è] ['d' accentuated] /**	castor oil plant (*Ricinus communis* L.)	V. 227 - NK (Dyn. XVIII) = ⲧⲉⲅⲙⲉⲥ	BOT Accent

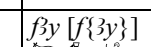
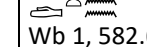
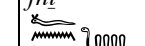
	= *dg3m* Wb 5, 500.9-13	**dgAm[*è*]**		ⲧⲓⲃⲙⲉⲥ ϫⲓⲥⲙⲓⲥ	
1;3;4	*dgs* = *dg3s3?* = *dg3s{iw}* Wb 5, 501.1-10	**d[ô]gs** = **? dgAsA /** **dgAs{è}** [there seems to be two different forms of this verb]	trample [French: 'fouler'], tread; enter	V. 227 - NK = ⲧⲱϭⲥ ⲧⲱⲧⲥ = ⲧⲁϭⲥⲉ	(v.) *g* = ϭ *g* = ⲧ
1;3;4	*dḥ3* Wb 5, 481.1-7 = *ṯḥ* (Demotic)	**d[ô]HA /** **t[ô]H**	straw	V. 225 - OK = ⲧⲱϩ ⲧⲟϩ [metathesis?]	BOTP *3* = []
1;3;4	*ḏḥm*	**dj[ô]Hm[*è*] ['m' accentuated]**	dirty [see also *dnmm*]	V. 333 - (Demotic) = ϫⲱϩⲙ ϫⲱϩⲙⲉ ϭⲱϩⲉⲙ [latter metathesis]	(v.) accent. *ḏ* = ϭ
1;3;4	*dḥn.t* Wb 5, 478.6-10	**dhn[*è*] ['d' accentuated]**	forehead [French: 'front']	V. 226 - MK = ⲧⲉϩⲛⲉ ⲧⲉϩⲛⲓ	BOD accent. [*è*] = ⲉ [*è*] = ⲓ
1;6;7	*ḏḥrt* [*ḏ3ḥy-r-ti*]  NO WB?	**djAHïr[o]{tè} / dj{o}r{tè}?**	recipient of some kind	V. 326 - Neo Eg. = Related to ϫⲗⲗϩⲧⲥ 'recipient big enough for a man to stand in it [crater?]'?	(v.) {DIA?} foreign
1;4;5	*ḏḥty*  Wb 5, 606.4-8 = *ḏḥty*  = *ṯḥ* (Ptol.) = *thth* (Demotic)	**d[a]Htï /** **dj[a]Htï /** **{tè}H**	lead (French: 'plomb') [IE = English 'lead'?]	V. 226 - NK (Dyn. XVIII) = ⲧⲁϩⲧ ⲧⲁϩⲧϩ ⲧⲁⲧⲁϩ	MAT *y* = []
1;5;6	*ḏḥw.t* [*ḏḥwty*] = = *ḏḥwty* = *ḏḥw.t* [*ḏḥwt*] or *ṯḥw.t* [*ṯḥwt*] (Demotic) Wb 5, 606.1-2	**DjH{[ô]w}tï / DH{[ô]w}tï / DHot / THot**	Thoth (lit. He/the one from DjHôt) [probably a locality]	V: 58 - OK =: ⲑⲱⲟⲩⲧ ⲑⲟⲟⲩⲧ ⲑⲁⲩⲧ	GOD *ḏḥ* = ⲑ *ḏḥ* = ⲑ *ṯḥ* = ⲑ *w* = ⲱⲟⲩ *w* = ⲟⲟⲩ
1;3;4	*ḏḥy* Wb 5, 389.4 = *ḏḥ* (Demotic)	**dj[ô]Hï /** **dj[o]H**	touch [IE = English 'touch']	V. 333 - Neo Eg. = ϫⲱϩ ϫⲟϩ ϫⲉϩ	(v.) *y* = []
0;2;2	*di* [*di.w*]  Wb 5, 420.9-12 = *dy-w.t* 	**dæ** **d{è}**	five	V. 222 & 209 - OK (Pyr) = ⲧⲉ. Also extrapolated from ⲙⲛⲧⲏ 'fifteen' where ⲧⲏ is 'five'. The origin	NUM *i* = ⲉ *i* = ⲏ *d* = ⲧ

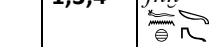
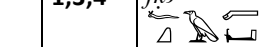
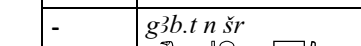
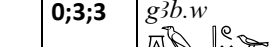
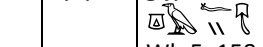
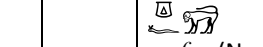
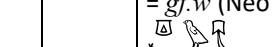
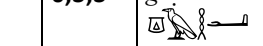
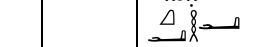
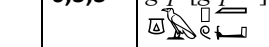
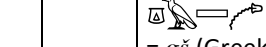
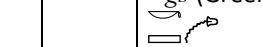
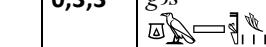
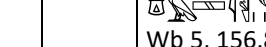
				of ⲧⲟϒ is less clear, although here ⲧ = ⲧʜ.	
1;5;6	*ḏj3nr* Wb 5, 577.4	**DjAnïr[o]**	branch [?]	V. 325 - Neo Eg. = ϫⲗⲗ [contraction of AE term] also 'winnowing shovel'	TOOL foreign *r* = ⲗ
1;3;4	*ḏjdḥ* Wb 5, 635.13	**djd[a]H**	prison	V. 332 - Late Per. = ϫⲧⲗϩ	(v.) *d* = ⲧ
0;2;2	*ḏl*	**djl[*é*] ['l' accentuated]**	scorpion	V. 337 - (Demotic) = ϫⲗϵ ϭⲗϵ	ZOO accent. *ḏ* =ϭ
1;3;4	*ḏlḥ*	**dj[ô]l[*è*]H**	draw [water]	V. 326 - (Demotic) = ϫⲱⲗϩ *ϫⲱⲗϵϩ	(v.)
1;2;3	*dm* Wb 5, 448.7-9	**d[ô]m**	sharpen; sharp (be); pointed (be)	V. 215 - OK = ⲧⲱⲙ ⲧⲟⲙⲧ ⲧⲁⲗⲙ	(v.) *d* = ⲧ [ô] = ⲟ [ô] = ⲁⲁ
0;4;4	*ḏmˁ* [*ḏ3mˁ*] Wb 5, 574.3-9 = *ḏm3* (Demotic)	**djAm*a* /** **dj[ō]mA [metathesis]**	sheet of papyrus [, book?]; papyrus basket; payrus sandals	V. 327 - Neo Eg. = ϫⲱⲱⲙϵ ϫⲱⲙ ϫⲟϒⲟϒⲙϵ [long {oo} through duplication] ϫⲟⲟⲙϵ	MAT TOOL [ō] = ⲱⲱ [ō] = ⲟϒⲟϒ [ō] = ⲟⲟ ˁ = ϵ
1;3;4	*dmḏ* Wb 5, 457.4-459.25	**d[ô]mdj**	unite, re-unite, join, assemble re-assemble	V. 215 - OK = ⲧⲱⲙⲧ ⲧⲱⲙⲛⲧ 'meet' [semantic shift]	(v.) *ḏ* = ⲧ
0;3;3	*dmḏ* Wb 5, 460.5-10	**dm[è]dj ['m' accentuated]**	total, totality, entirety	V. 216 - OK = ⲧⲙϵⲧ	ABS accent. *d* = ⲧ *ḏ* = ⲧ
0;3;3	*dmi* = *dmy* = *dm{iw}* Wb 5, 455.5-456.7	**d[è]mæ /** **d[è]mï /** **dm{è} ['d' accentuated]**	town; quarter of a town; landing place; village, place; wharf, quay, harbour? [IE = Latin '**dom**us', English '**dom**ain']	V. 215 - OK (Pyr) = ⲧⲙϵ ⲧⲙⲓ	HAB {DIA} *d* = ⲧ *i* = ϵ *i* = ⲓ *i* ⇔ *y* ⇔ {*iw*}
1;3;4	*dmi* Wb 5, 453.6-455.3 = *tm*	**d[ō]mæ/** **t[o]m[*è*] ['m' accentuated]**	touch; unite, cleave, join [IE = English 'touch'?]	V. 215 - OK = ⲧⲱⲙϵ ⲧⲱⲙⲓ ⲧϵⲙ ⲧⲟⲙ	(v.) accent. *d* = *ṯ*
-	*dmy-n-ḥr*  No Wb?	**dmï-n-H[ô]r ['d' accentuated]**	Damanhur (lit. Town of Horus)	V. 215 - OK = ⲧⲙϵⲛϩⲱⲣ ⲧⲙⲓⲛϩⲱⲣ	LOC accent *d* = ⲧ *y* = ϵ *y* = ⲓ

1;3;4	*ḏnḥ* Wb 5, 578.8	**d[ô]nH**	capture (birds) by the wings	V. 218 - OK = ⲧⲟⲛϩ	(v.)
1;3;4	*ḏnḥ* = *ḏ3nyḥ*  Wb 5, 578.11	**dj[a]n[è]H /** **djAnïH**	leg; part of leg	V. 329 - NK (Dyn. XVIII) = [*ϫⲁⲛϩ]. Related to ϫⲛⲁϩ ⲟⲛⲁϩ also 'arm; forearm; effort, strength [as in French 'un coup de bras']'?	BOD [è] ⇔ *y* [a] ⇔ *3*
1;3;4	*ḏnḥ* Wb 5, 577.6-578.7 = *tnḥ* (Demotic)	**dj[é]nH**	wing	V. 218 - Neo E. = ⲧⲏⲛϩ ⲧⲉⲛϩ	ZOOP *ḏ* = ⲧ
1;3;4	*ḏnḥ* = *ḏn3ḥ* Wb 5, 577.6-578.7 = *ḏnḥ* [*ḏnḥ.w*] = *tnḥ.w* (Ptol.) = *ḏnḥ* 'arm' (Demotic)	**djn[a]H /** **djnAH /** **dn[a]H /** **tn[a]H**	wing [; arm?]	V. 329 - Neo Eg. = ϫⲛⲁϩ ⲟⲛⲁϩ also 'arm; forearm; effort, strength [as in French 'un coup de bras']'	ZOOF *ḏ* ⇔ *d* ⇔ *t* [a] ⇔ *3*
1;3;4	*dnỉ* Wb 5, 465.9-466.2 = *tny* (Demotic)	**d[o]næ /** **t[o]nï**	part [of something], share, portion	V. 210 - Neo E. = ⲧⲟϵ ⲧⲟⲓ	ABS n =[]
-	*ḏnỉr* [*ḏ3n3i-r*] Wb 5, 575.12	**djAn{o} -r[o]**	dirt	V. 331 - Neo Eg. = ϫⲓⲛⲓⲣⲓ ϫⲏⲣⲓ	MAT {DIA} *3i* = ⲓ
1;4;5	*dnmm* Wb 5, 312.9	**d[ô]nm[è]** [accentuated 'm' by duplication]	dirty; be dirty [see also *ḏḥm*]	V. 213 - Ptolemaic = ⲧⲱⲗⲙ ⲑⲱⲗⲙ	(v.) accent. duplic. *d* = ⲧ *d* = ⲑ *n* = ⲗ
1;3;4	*ḏnw* Wb 5, 575.6 = *ḏnw* (Demotic)	**dj{n[ô]}w**	beating area [for cereals]	V. 329 - Neo Eg. = ϫⲛⲟⲟⲩ ⲟⲛⲱⲟⲩ	AGR *ḏ* = ⲟ *w* = ⲟⲟⲩ *w* = ⲱⲟⲩ
1;2;3	*ḏp*  Wb 5, 444.16-445.9 = *tp* (Demotic)	**d[ô]p / d[ô]p[è] [accentuation on 'p'] /** **t[o]p**	taste [IE = English 'taste'?]	V. 219 - OK (Pyr) = ⲧⲱⲡϵ ⲧⲱⲡ ⲧⲟⲡ ⲧϵⲡ	ABS *d* = ⲧ [ô] = ⲱ [ô] = ⲟ [ô] = ϵ
1;2;3	*ḏp.t* Wb 5, 445.13-16 = *tp*(Demotic)	**dp[è] /** **tp[è] ['d', 't' and 'p' accentuated]**	kidney; loins (TLA)	V. 218 - ? = ϯⲡϵ ϯⲡⲓ	MED accent. *d* = ϯ *t* = ϯ

1;3;4	*ḏpḥ* Wb 5, 568.10 = *ḏpḥ ḏmpḥ* (Demotic)	**djp[ô]H /** **djmp[ô]H**	apple [IE = French '**pom**me']	V. 327 & 330 - Ptol. = ⲭⲡⲱϩ ⲭⲡⲟϩ ⲭⲙⲡⲉϩ ⲭⲙⲡⲉⲫ ⲭⲱⲡⲉϩ ⲭⲱⲫⲉϩ	BOT foreign according to TLA (Semitic) *ḥ* = ϩ *p* = ⲫ
1;2;3	*ḏḳ*	**dj[ô]q**	complete	V. 325 - (Demotic) = ⲭⲱⲕ ⲭⲟⲕ ⲭⲉⲕ	(v.) [ô] = ⲱ [ô] = ⲟ [ô] = ⲉ
1;3;4	*ḏḳm*	**dj[ô]q[*è*]m ['q' accentuated]**	bathe; wash	V. 325 - (Demotic) = ⲭⲟⲕⲙ ⲭⲟⲕⲉⲙ	(v.) accent.
1;3;4	*dḳr* Wb 5, 496.4;	**d[ô]qr**	tied (to be)	V. 227 - ? [Medical term] = ⲧⲱⲕⲣ ⲧⲱⲣⲕ [metathesis] 'tie oneself; touch'	(v.)
0;3;3	*dḳr* Wb 5, 495.8-496.1 = *tgy* (Demotic)	**dk[è]r /** **tgi ['k' or 'g' accentuated]**	fruit	V. 227 - MK = ⲧⲟⲉ ⲧⲓⲟⲉ	BOTP accent.
1;2;3	*ḏr.t* Wb 5, 580.3-584.10 = *ḏri.t*  = *dr.t* Wb 5, 580.3-585.10 = *tr.t* (Demotic)	**dj[{ô}]r[*è*] [accentuated r] /** **dj[{ô}]ræ /** **d[{ô}r[*è*]} /** **t[o]r[*é*]**	hand [IE? = Armenian ձեռք 'dzerk']	V. 219 – OK = ⲧⲱⲣⲉ ⲧⲱⲣⲓ twli. *dt* is extrapolated from 'grab' [lit. 'fill the hand'] = ⲙⲉϩ-ⲧⲟⲟⲧ ⲙⲁϩ-ⲧⲟⲧ {: dj[{ô}]r[è]=nb swt[o]n n[a] pA N[ô]tch[è]r 'every hand extends to [the] God' (Onchsheshonqy: Ch. 45) 	BOD accent *ḏ* = ⲧ
0;2;2	*ḏr.t* = *dri.t*  = *dry.t*  Wb 5, 596.2-8	**djr[è] / djræ / djrï ['r' accentuated]**	falcon or kyte type of bird	V. 220 - OK = ⲧⲣⲉ ⲑⲣⲉ	ZOO accent. *ṯ* = ⲧ *ṯ* = ⲑ [è]⇔*i*⇔*y*
1;2;3	*ḏr.t*  (NK) = OK (Pyr.) = *ḏri.t*  Wb 5, 580.3-585.10	**dj[o]r[*è*] ['r' accentuated] / dj[o]ræ**	arm [IE = 'tzerner' Armenian]	[Extrapolated from *ḳḥ ḏr.t* 'extend the arm' = ⲕⲉϩⲧⲟⲣⲓ 'fold the arm']	BOD accent. *ḏ*= ⲧ [è] = ⲓ
1;4;5	*ḏrḏri* [*ḏrḏrii*] 	dj[a]djræ /	strange, foreign	V. 333 - MK = Related to ⲭⲁⲭⲉ ⲭⲁⲭⲓ	MAN accent.

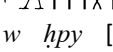
	Faulkner, 324 & Wb 5, 604.8-10 = *ḏdy* (Demotic)	dj[a]djï [first 'dj' accentuated]		'ennemy'?	r = []
1;3;4	*ḏri* = *ḏry* [*ḏr{iw}*]  Wb 5, 599.1-8	**dj[ô]ræ /** **dj[ô]r{è}**	strong; solid, stout (adj.)	V. 226 & 330 - NK (Dyn. XVIII) = ⲭⲱⲣⲓ. Also extrapolated from ⲧⲁⲭⲣⲉ ⲧⲁⲭⲣⲟ 'make strong (lit. 'cause to be strong')	ABS {DIA} *i*⇔{*iw*}
0;3;3	*ḏri.t*  = *ḏry.t* [XVIII]  Wb 5, 596.9-597.4	**djræ / djrï**	wailing woman, crying woman (burial) [link with the screech of the *ḏr.t* (falcon type of bird, above)?]	V. 220 - OK = Related to ⲧⲣⲉ ⲟⲣⲉ?	MAN *i*⇔*y*
1;3;4	*ḏry* [*ḏri*] Wb 5, 600.2-6	**dj[ô]ræ**	wall [; rampart]	V. 323 - ? = ⲭⲟⲉⲓ ⲭⲟⲓⲉ [metathesis]	HAB *r* = [] *i* = ⲉⲓ
3;3;6	*dšr* Wb 5, 487.9	**[a]d[é]sh[i]r**	flamingo (*Phoenicopterus roseus*)	V: 48 - ? = ⲁⲧⲏⲱⲓ	ZOO foreign? r = []
1;3;4	*dšr* Wb 5, 490.7-13 = *tšr* (Demotic)	**d[ô]shr /** **t[o]shr**	red (n.); red (be)	V. 221 & 321- OK = ⲧⲱⲣϥ [metathesis]. Also extrapolated from ϩϩⲧⲱⲣϥ 'rust'	COL (v.)
1;2;3	*ḏw* Wb 5, 541.7-545.1	**dj[ô]w**	mountain	ⲧⲱⲟⲩ 'mountain" = Extrapolated from V: 12 - ? = ⲁⲛⲧⲱⲟⲩ ' region of mountain' = Wb 1, 157, 14-22	ENV *ḏ* = ⲧ *w* = ⲟⲩ
1;3;4	*dwꜣw* [*dwꜣ.w*] Wb 5, 422.1-3 = *twꜣw* [*twꜣ.w*] (Demotic)	**d[o]wA /** **t[o]wA**	tomorrow; in the morning [IE = Italian: '**do**mani' or English: '**to**morro**w**?]	V. 317 - OK (Pyr) = ⲧⲟⲟⲩⲓ ϩⲧⲟⲟⲩⲉ ϩⲓⲧⲁⲩⲉ	TIME *w* = ⲟⲟⲩ *w* = ⲁⲩ *ꜣ* = ⲉ
0;2;2	*ḏy* [*ḏ*[*ꜣ*]*y*] Wb 5, 420.4-8 = *ḏꜣy tꜣy* (Demotic)	**d[{o}] /** **t[{o}]**	there [French = 'là-bas']; here	V. 208 - NK = [*ⲧⲁⲩ] ⲧⲏ	ADV {DIA} *ḏ* = ⲧ *ꜣy* = ⲏ
1;1;2	*ḏy.t* [*ḏ{ꜣy}.t*] = Wb, 2, 464.1-468.15 Wb 5, 419.7-8 = *ḏ{ꜣy}* [fully vocalised in a rare instance, see right column]	**d[o] /** **d{o}**	give [IE = French 'donner'] See the variant writing of 'Autocrator' at the end of Appendix 2 confirming the reading as **d[o] / d{o}** [IE = Latin do 'give']	V. 207 - ? = ϯⲁⲩ pronounced as 'dāw' by modern Copts (V. 207) = ϯ Also extrapolated from 21st/22nd dynasty variant writing *mḏy* [*mḏy.t*]  = *md{ꜣy}* (TLA DZA 24.462.450) {:m[*é*]d{[ô]} with, at (adv.; French: 'chez');	(v.) {DIA} *ꜣy* = ⲁⲩ

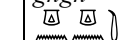
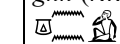
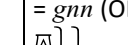
				from; in possession of [lit. 'in giving?].	
-	*dy.t lk* = *lyk ʿlk*	**d{o}-lk[è] / dalk[è]**	cure (lit. cause to cease); cease	V. 214 - (Demotic) = ⲧⲁⲗⲟⲉ ⲧⲁⲗⲟⲟ	(v.) *d* = ⲧ {o} = ⲁ
0;4;4	*ḏyr*	**Djïr**	salt	Extracted from (Demotic) *ȝnḏyr* = ʿ *n ḏyr* (V: 14) soap = 'piece of salt' [IE = Armenian 'oճառ ' 'odjar' 'soap']	MAT
0;1;1	*f* Wb 1, 572	**[*e*]f**	he [French: 'il']	V. 279 - OK = ⲫ	PRON schwa
1;1;2	*fʿȝ* [*f{ʿȝ}*] TLA: KoptHWb 345 = *fʿy* [*f{ʿy}?*] (Demotic)	**f{*â*}** f{*ō*}?	hair lock	V. 280 - ? = ⲫⲱ ⲫⲱⲓ 'hair' [semantic shift?]	BODY {DIA} ʿȝ = ⲱ ʿȝ = ⲱⲓ
0;2;2	*fȝy* [*f{ȝy?}*]	f{o} ?	canal	V. 2? - (Demotic) = *ⲫⲱ ⲫⲟ ⲫⲱⲓ ⲫⲟⲓ ⲃⲟ ⲃⲟⲟ	TOOL {DIA} *ȝy* = ⲱⲓ *ȝy* = ⲟⲓ *ȝy* = ⲟ
0;3;3	*fȝy* [*f{ȝy}*]  (aesthetic disposition =) TLA DZA 21.255.790 Wb 1, 572.6-573.14 = *fȝy* (Demotic)	**f{o}**	carry; lift; bring; take away	V. 280 - NK = ⲫⲁⲓ ⲫⲓ	(v.) {DIA} *ȝy* = ⲁⲓ *ȝy* = ⲓ
1;2;3	*fd* Wb 1, 581.16 = *fty* (Demotic)	**f[ō]d[*è*] /** **f[o]t[*è*]ï ['d' or 't' accentuated]**	wipe; annihilate; tear apart	V. 281 - OK (Pyr) = ⲫⲱⲧⲉ ⲫⲱϯ ⲫⲟⲧ ⲫⲉⲧ	(v.) accent. *d* = ⲧⲉ *d* = ϯ
1;2;3	*fd.t*  Wb 1, 582.6-11 = *fty* (Demotic)	**f[ō]d[*è*] /** **f[o]t[*è*]ï ['d' or 't' accentuated]**	sweat	V. 281 - NK = ⲫⲱⲧⲉ ⲫⲱϯ	BOD accent. *d* = ⲧⲉ *d* = ϯ
1;3;4	*fdw* Faulkner, 99 = *ifdw* Wb 1, 582.13	**fd{[ô]w} /** **æfd{[ô]w}**	four	V. 281 - OK (Pyr) = *ⲫⲧⲱⲟⲩ ⲫⲧⲟⲟⲩ ⲫⲧⲁⲩ	NUM4 *d* = ⲧ *w* = ⲱⲟⲩ *w* = ⲟⲟⲩ *w* = ⲁⲩ
0;3;3	*fn̲t*  = *fnt* Wb 1, 577.5-	**f[è]ntch / f[è]nt ['f' accentuated]**	worm; maggot; snake	V. 280 - MK = ⲫⲛⲧ ⲫⲉⲛⲧ	ZOO *t̲* = ⲧ accent.

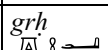
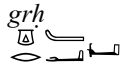
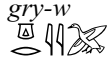
1;3;4	*fnḥ*  Wb 1, 576.15	f[a]nkh	carpenter; joiner	V. 244 - OK = possibly related to **ⲫⲱⲛⲕ** 'dig; excavate [material = French 'évider']	PRO
1;3;4	*fḳ3*  Wb 1, 579.11-12	**f[ô]qA**	pluck, uproot, tear (plants), eradicate	V. 281 - Neo Eg. = **ⲭⲱⲥⲉ ⲭⲱⲝⲓ**	(v.) *ȝ*⇔**ⲉ**⇔**ⲓ**
0;2;2	*fs*(*y*) Wb 1, 551.5-552.5	**f[è]s**	cook	V. 164 - OK = **ⲫⲉⲥ ⲫⲓⲥⲓ**. See also *pfs*(*y*)	(v.) ONO *f* = **ⲫ**
0;3;3	*ft* (Wb I 580)	**f[ô]t[è] ['f' accentuated]**	disgust (v. to have)	V: 32 - Med = **ⲭⲱⲧⲉ ⲃⲱⲧⲉ** 'pollute'; 'detest'	(v.) *f* = **ⲃ** accent.
1;2;3	*fy* 	**f[a]ï**	viper with horn, horned Viper	V. 279 - (Demotic) = [*ⲭⲁⲓ?]	ZOO
0;2;2	*gȝ*	**gA** / *gA[ï?]	ugly	V. 336 - (Demotic) = **ⲟⲗⲉⲓⲉ**	ABS
-	*gȝb.t n šr*  Wb 5, 154.6	**gAb[è] -n[a]-sh[a]r**	nostril (lit. 'leaf of nostril')	V. 336 - NK = **ⲟⲃ–ⲯⲁ ⲟⲱⲃⲉ ⲛⲯⲁ**	BOD *r* = []
0;3;3	*gȝb.w*  = *gby* [*gb*] Wb 5, 161.8-162.5 = *gb* (Demotic)	**gAb [**g[ô]b / g[o]b?]	weak (be); miserable (weak)	V. 335 - MK = **ⲟⲃⲃⲉ ⲭⲉⲃⲓ** [last from TLA] **ⲟⲱⲃ ⲭⲱⲃ ⲭⲱⲃⲓ**	(v.) *g* = **ⲭ** *g* = **ⲟ**
0;4;4	*gȝfy*  Wb 5, 158.12-16 = *gf*  = *gf.w* (Neo Eg.)  (Demotic)	**gAfï /** **g[a]f**	monkey (of small size?); macaque [IE = Armenian 'կապիկ' 'kapig']	V. 344 - NK (XIX) = **ⲟⲗⲡⲓ** 'monkey'	ZOO foreign? *f* = **ⲡ**
0;3;3	*gȝḥ*  Meeks, AL 77.4614 = *kȝḥ*  Wb 5, 19.6-14	**gAH /** **qAH**	shoulder	V. 339 - ? = **ⲟⲗⲍⲉ** [metathesis?] **ⲟⲗⲉ ⲟⲉⲗⲉ ⲕⲉⲗⲉⲛⲕⲉⲉ**	BOD *g* = **ⲟ** *ȝ* = **ⲗ**
0;3;3	*gȝp* [*gȝp.w*]  Wb 5, 166.3	gAp[*é*] [Alternative form *g[ô]p[è]?]	grab? (verb used in an obscure context) [IE = English 'grab']	V. 345 - Neo Eg. = **ⲟⲱⲡⲉ ⲟⲱⲡ ⲟⲱⲡⲓ** 'grab'	(v.) *ȝ* = **ⲱ**?
1;3;4	*gȝš*  = *gš* (Greek)  Wb 5, 156.5-6 = *gš* (Demotic)	**gAsh** [Alternative form g[ô]sh ?]	Pour	V. 349 - Neo Eg. = **ⲟⲱⲯ ⲭⲱⲯ ⲭⲉⲯ** also 'melt; mix'	(v.) *ȝ* = **ⲱ**? *g* = **ⲭ**
0;3;3	*gȝš*  =*gȝsi*  Wb 5, 156.8-12 = *gš*	**gAsh /** **gAshæ /**	Kans grass [usually translated as reed, rush] = (*Saccharum aegyptiacum* Wild.) [IE = *kash* [কাশ] being common in Bengali/Bangla] [বাংলা],Oriya: କାଶତଣ୍ଡି *kāśataṇḍi,*	V: 91 – [WB: med XIX] = **ⲕⲁⲯ ⲕⲉⲯ**	BOT *ȝ* = **ⲁ** *ȝ* = **ⲉ** *i* = []

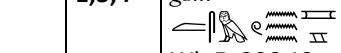
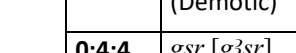
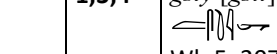
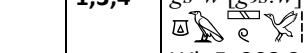
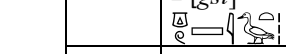
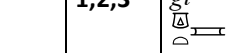
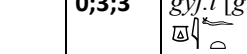
	(Demotic) = *ḳš* (Greek)	**g[a]sh /** **k[a]sh**	Hindi: कॉस *kāṃs*]		
1;3;4	*gʒw* [*g{ʒw}*] = *gʒy* [*g{ʒy}*] Wb 5, 151.6-14 & & TLA DZA 30.627.600 = *gw* (Demotic)	**g{Au} /** **= g{o}**	tight (be)	V. 348 - OK = ⲥⲱⲟⲩ ⲥⲟⲟⲩ	(v.) {DIA} *ʒw* = ⲱⲟⲩ *ʒw* = ⲟⲟⲩ *ʒy* = ⲱⲟⲩ *ʒy* = ⲟⲟⲩ
1;3;4	*gʒw* [*gʒ*] Wb 5, 149.7	**gA**	water [float] (a boat [in the sense of putting it afloat])	V. 349 - OK = ⲥⲱⲟⲩ ⲭⲱⲟⲩⲛ	(v.) *g* = ⲭ
1;3;4	*gʒy* [*g{ʒy}*] Wb 5, 150.5-13	**g{o}**	bowl [to feed] (French: 'écuelle')	V. 336 - Neo Eg. = ⲕⲗ ⲕⲗ	TOOL {DIA} *g* = ⲥ *g* = ⲕ
1;2;3	*gb* Wb 5, 161.8-162.5 = *gb* 'cut' (Demotic)	**g[ô]b**	damage [; cut?] [IE = French 'couper'? English 'chop']	V. 344 - Neo Eg. = ⲥⲟⲡ 'cut'	(v.) *g* = ⲥ
1;2;3	*gb.t* = *gʒb.t* Wb 5, 154.7-10	**g[a]b[è] / gAb[è] ['b' accentuated]**	leaf of plant; petal (of lotus)	V. 335 - 2nd Interm. Per. = ⲥⲱⲱⲃⲉ ⲥⲱⲃⲉ ⲥⲱⲃⲓ ⲭⲱⲃⲓ	BOTP accent. *ʒ* = ⲱⲱ *ʒ* = ⲱ [a] ⇔ *ʒ*
0;3;3	*gbʒ* [*gb{ʒˁ}*] Wb 5, 164.1 = *gʒyyb.t* [*g{ʒy}b.t*] Wb 5, 164.1-5 = gb.t (Demotic)	**gb{Ã} /** **g{o}b** [metathesis] **/ g[a]b**	arm	V. 336 - MK = ⲃⲃⲟⲉⲓ ⲭⲫⲟⲓ	BOD {DIA} *ʒˁ* = ⲟⲉⲓ *ʒy* = ⲟ *ʒy* = ⲟ *g* = ⲭ *b* = ⲫ
0;5;5	*Gbtʒ*y [*Gbt{ʒy}*] Wb 5, 163.2 = *Gbt{ʒy}* (with aesthetic arrangement / quadrature) 	**G[è]bt{o}**	Coptos (Qift) as in 'Min of Coptos'[35] 	V: 72 - Ptol. = ⲕⲉⲃⲧⲱ ⲕⲉⲡⲧⲟ ⲕⲃⲧ ⲕⲫⲧ ⲕⲉⲫⲧ	GOD {DIA} *b* = ⲃ *b* = ⲡ *b* = ⲫ *y* = ï
?	*gbyr*	gb[oo]r	left	V. 336 - (Demotic) = ⲃⲃⲟⲩⲣ ⲃⲃⲓⲣ ⲕⲃⲓⲣ also 'left hand'	BOD
1;2;3	*gḏ*	**g[a]dj[è]**	earring	V. 350 - (Demotic) = ⲅⲗⲭⲉ ⲅⲉⲭⲉ	TOOL *g* = ⲥ [a] = ⲉ

[35]TLA DZA 30.639.470. See the note in the table listing digraphs for this term.

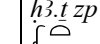
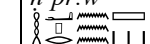
0;3;3	*gḏwy* [*gʒḏ{wy}*] = *ḳḏ.t* [*ḳʒḏʒ.t*] Cerný, CED 340 (TLA) = *gḏ gyḏ kyḏ* (Demotic)	**gAdj{ō} / qAdjA / g[a]dj / gïdj / kïdj**	hand	V. 350 - Neo Eg. = ⲅⲓⲭ ⲕⲓⲭ ⲭⲓⲭ	BOD foreign? {DIA} *ʒ* = ⲓ *g* = ⲅ *g* =ⲭ
1;3;4	*ġḥs* Wb 5, 191.9 = *ġḥs.t* (Demotic)	**g[a]Hs[*è*] ['s' accentuated]**	gazelle [IE = English 'gazelle']	V. 350 - OK = ⲅⲁϩⲥⲉ ⲅⲁϩⲥⲓ	ZOO accent.
1;3;4	*ġḥs* = *gʒḫs* Wb 5, 191.1-8	**gH[o]s / gAH[o]s**	gazelle [IE = English 'gazelle']	V. 228 - OK = ⲅϩⲟⲥ (TLA)	ZOO
0;3;3	*gl*	**g[a]l[*è*] ['l' accentuated]**	paralysed	V. 337 - (Demotic) = ⲅⲗⲉ	(v.) accent.
1;2;3	*gm*	**g[o]m**	strength	V. 340 - (Demotic) = ⲅⲟⲙ	ABS *g* = ⲅ
1;4;5	*gmgm* Wb 5, 172.12 = *kmkm* (Demotic)	**g[ô]mg[*è*]m / k[ô]mk[*è*]m**	touch, feel (the arms of a beloved)	V. 341 - Neo Eg. = [*ⲅⲟⲙⲅⲉⲙ] ⲅⲟⲙⲅⲙ ⲅⲁⲙⲅⲏⲙ ⲅⲙⲅⲱⲙ ⲭⲟⲙⲭⲉⲙ	(v.)
2;4;6	*gmwl*	**g[a]m{[ô]w}l**	camel	V. 341 - (Demotic) = ⲅⲁⲙⲟⲩⲗ ⲭⲁⲙⲟⲩⲗ	ZOO foreign *g* = ⲅ *g* =ⲭ *w* = ⲟⲩ
1;3;4	*gmy* [*gm*] Wb 5, 166.6-169.8 = *gm* (Demotic)	**g[o]m[*è*] ['m' accentuated]**	find. discover	V. 342 - OK = ⲅⲓⲛⲉ ⲭⲓⲙⲓ ⲟⲛ ⲭⲉⲙ. Also extrapolated from  *Gm(y)-w ḥpy* [*Gm.w ḥpy*] '[they] found Hapis' which has survived in Greek as K**o**moapij with the 'o' being equal to the long Egyptian 'ô' of verbs. Equally in *Gm-w ḥr* [*Gm.w ḥr*] '[they] found Horus' = K**o**mwur	(v.) accent *g* = ⲭ
1;3;4	*gnglʒ*	**gnglA ['g' accentuated]**	bat	V. 343 - (Demotic) = ⲅⲉⲛⲅⲗⲱ	ZOO *ʒ* = ⲱ
2;4;6	*gngn* Wb 5, 177.8	**g[i]ng[i]n / dj[i]ndj[i]n**	salad rocket? (*Eruca sativa*?)	V. 344 - MK = ⲅⲓⲛⲅⲓⲛ ⲭⲓⲛⲭⲓⲛ roquette (*Eruca sativa*)	BOT foreign?

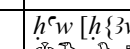
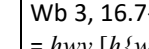
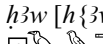
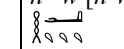
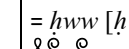
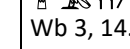
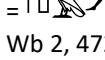
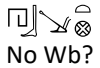
0;4;4	*gngn*  Wb 5, 177.12 = *ḏnḏn* 	**gngn / g[*é*]ng[*é*]n /** **djndjn / dj[*é*]ndj[*é*]n**	lute (or similar) [the sound of the ropes, as in French onomatopoeia 'zingzing']	V. 343 - Ptolemaic = ϭNϭN ϫNϫN ϫЄNϫЄN	ONO TOOL MUS *g* = **ϫ**
1;3;4	*gnn* (NK - Dyn. XX)  = *gnn* (OK)  Wb 5, 174-175.17 = *gnn* (Demotic) = *gnw* (NK - Dyn. XIX) = *gʒnn* (OK)	**g[*è*]n[ô]n /** **g[*è*]{n[ô]} /** **gAn[ô]n**	sweet, soft, weak (to be)	V. 207 & 342 - OK = ϭNON	(v.) *g* = **ϭ** [*è*] ⇔ *ʒ*
0;6;6	*gns* [*gʒnysʒ*] Wb 5, 177.5-6	**gAnïshA**	constraint; outrage, violence	V. 342 - Neo Eg. = ϭONC ϫONC	ABS foreign *g* = **ϫ** *ʒ* = **o** *ʒ* = []
1;2;3	*gr* Wb 5, 179.9-180.5 = *gr* (Demotic)	**g[ô]r**	silent (to remain); cease	V. 335 - OK = ϭω	(v.) r = []
0;2;2	*gr ỉgr ỉgr.t* Wb 5, 177.12bis - 178.1 = *gr* (Demotic)	**g[*è*]r /** **æg[*è*]r ['g' accentuated]**	but; also; moreover;	V. 335 - OK = ϭЄ ϫЄ 'but, then, hence; again [semantic shifts for the last]	accent. *g* = **ϫ** r = []
-	*gr* (*n*) *p.t* [*gr*{*ʒy*} (*n*) *p.t*] = *grmp* Wb 5, 181.2 = *grmp* (Demotic)	**gr{o}-[n]-p[*é*] /** **gr[o]mp[*é*] ['p' accentuated]**	dove [lit. [bird? (of the) sky] [IE = Latin 'colomba' or French 'colombe']	V. 346 - Neo Eg. = ϭPOOMΠЄ ϭЄPOMΠЄ ϭPOMΠЄ ϫPAMΠI	ZOO ONO accent. {DIA} accent *ʒy* = **oo** *g* = **ϫ**
1;2;3	*gr.t*	**gr[a]**	foot	V. 346 - (Demotic) = ϭPA TPA 'leg' [semantic shift?]	BOD *g* = **τ**
1;3;4	*grb* TLA: Cerný, CED 327	**g[ô]rb[*è*] ['b' accentuated]**	garment (of some kind) [IE = English 'garment'?]	V. 337 - ? = ϭOλBЄ ϫOλBI	TOOL accent. *g* = **ϫ**
1;3;4	*grg* Wb 5, 186.2	**g[*è*]r[é]g ['g' accentuated]**	hunter [lit. 'the equipped [one]?]	V. 347 - Ptol. = ϭЄPHϭ ϫЄPHϫ	PRO accent. *g* = **ϫ**
1;3;4	*grg* Wb 5, 186.4-169.2 = *grg* (Demotic)	**g[ô]rg**	equip; establish	V. 347 - OK = ϭωPϭ ϫωPϫ	(v.) *g* = **ϫ** *k* = **ϫ**

1;3;4	*grg* Wb 5, 189.2-190.4	**g[ô]rg**	lie, falsehood	V. 337 - OK = ⲥⲟⲗ	ABS. *r* = [] *r* = ⲗ *g* = []
1;3;4	*grg* Wb 5, 186.4-187.23	g[ô]rg[*è*]	establish, found	V: 86 – OK (Pyr) = Related to plur. ⲕⲣⲕⲏⲟⲩ 'foundations' [= *ⲕⲣⲕⲏ 'foundation'?]	(v.)
1;3;4	*grg.t* Cerný, CED 337	**gr[é]g[è]**	dowry [lit. 'equipment' (of marriage)]	V. 347 - ? = ⲥⲣⲏⲥⲉ ⲥⲣⲏⲥⲓ ⲥⲣⲏⲭⲓ	TOOL accent. *g* = ⲭ
1;3;4	*grḥ*  Wb 5, 182.4-183.3	**g[ô]rH**	cease; terminate, complete. satisfied (be)	V. 309 - 2nd Inter. Per. ⲕⲣⲟⲩ ([full] metathesis [= *ⲟⲩⲣⲕ]) also 'calm; be calm'	(v.)
1;3;4	*grḥ* Wb 5, 183.13-185.9 = *grḥ krḥ* (Demotic)	**g[ô]rH / k[ô]rH**	night	V. 347 - OK = ⲥⲱⲣⲕ ⲭⲱⲣⲕ ⲉⲭⲱⲣⲕ	TIME *g* = ⲭ *k* = ⲭ
1;3;4	*grḥ*  Wb 5, 183.4 = *ḏrḥ* 'miss [something]' (Demotic)	**gr[ô]H**	missing [item]; unpaid taxes	V. 347 - Ptol. = ⲥⲣⲱⲕ ⲥⲣⲟⲕ 'miss [something]'	(v.)
1;3;4	*grm*	**g[è]r[ô]m**	sceptre	V. 346 - (Demotic) = ⲥⲉⲣⲱⲡ ⲥⲉⲣⲱⲃ	TOOL *m* =ⲡ *m* =ⲃ
1;3;4	*grp ḳrp krp glp*	**g[ô]rp / q[ô]rp / k[ô]rp / g[ô]lp**	unveil	V. 339 - (Demotic) = ⲥⲱⲣⲡ ⲥⲱⲗⲡ	(v.) *g* = ⲥ *ḳ* = ⲥ *k* = ⲥ *r* = ⲗ
1;3;4	*grp.t*	**gr[é]p[è] ['p' accentuated]**	diadem	V. 346 - (Demotic) = ⲥⲣⲏⲡⲉ ⲥⲣⲏⲡⲓ also 'crown'	TOOL accent.
1;3;4	*grt* = *kʿrty*	**g[o]rt[è] / kartï**	knife [IE = French 'couteau'?]	V. 346 - (Demotic) = ⲥⲟⲣⲧⲉ ⲭⲟⲣⲧⲉ	TOOL *g* = ⲥ
1;2;3	*grw* [*gr.w*] Wb 5, 180.9-11	g{[ô]w}r	silent (adj.); silent one [IE ='sourd' French? Coptic is closer; see the verb *gr* 'to be silent']	V: 85 – NK = Related to ⲕⲟⲩⲣ ⲕⲟⲩⲗ 'deaf' ('sourd").	MED *g* = ⲕ *w* = ⲟⲩ *r* = ⲗ
0;2;2	*gry-w*  Wb 5, 181.1	**g[è]r[é] ['r' accentuated]**	birds [as coll. term]	V. 346 - Neo Eg. = ⲥⲣⲉ	ZOO accent.
1;2;3	*gs* Wb 5, 203.1-6 = *ḳsy.w* (Demotic)	**g[é]s[è] ['s' accentuated] / q[a]sï**	leather stretcher / worker [TLA] = shoemaker (Vycichl) [with sandal det.] [IE = Armenian կաշի 'kashi' 'leather']	V: 88 – OK = ⲕⲛⲥⲉ ⲕⲉⲥⲉ ⲕⲁⲥⲉ 'shoe maker' = French 'cordonnier'	MAT accent.
1;2;3	*gs* 	**g[ô]s / g[o]s**	half [IE = Armenian կես 'gés']	V. 347 - OK = ⲥⲟⲥ ⲭⲟⲥ	MATH *g* = ⲭ

	Wb 5, 196.1-197.7 = *gs* (Demotic)				
1;3;4	*Gsȝ* No Wb?	**G[ô]sA**	Kous (Apollonis Parva – town)	V: 88 – OK (Pyr) = ⲕⲱⲥ ⲕⲟⲥ	LOC *ȝ* = {]
1;3;4	*gsm*  Wb 5, 206.12 = *gsm* 'tempest' (Demotic)	g[ô]sm	water spread with waves (Delta?) [; agitated water area?]	V. 348 - Neo Eg. = Related to ⲥⲟⲥⲙ ϫⲟⲥⲉⲙ 'tempest; obscurity'?	ENV *g* = ϫ
0;4;4	*gsr* [*gȝsr*]  = *gswr kswr* (Demotic) No WB?	**gAsr /** **ks{[ô]w}r / gs{[ô]w}r**	ring	V. 154 - Neo E.?= ϫⲟⲩⲣ (also 'key')	TOOL foreign? *gs* = ϫ *w* = ⲟⲩ
1;3;4	*gsty* [*gsti*]  Wb 5, 207.11-17 = *gst* (Demotic)	g[ô]s{t*é*}	palette of scribe	V. 348 - OK = Related to ⲥⲟⲥⲧ a measure of length which may have been based on the dimensions of a scribe's palette.	TOOL
1;3;4	*gš-w* [*gȝš.w*]  Wb 5, 208.2 = [*gši*] 	**gAsh[*è*] ['sh' accentuated] /** **g{[ô]w}shæ**	goose; bird which migrate, migrating bird (of some kind) [IE = English 'goose, geese']	V. 349 - NK = ⲥⲏⲩⲉ ⲥⲉⲩⲉ	ZOO *ȝ* = ⲏ *ȝ* = ⲉ
1;2;3	*gt*  Wb 5, 208.9 = *gt* 'cistern' (Demotic)	**g[ô]t**	pond, basin (for fish) [; cistern?]	V. 348 - Ptol. = ⲥⲟⲧ ϫⲱⲧ also 'abreuvoir'	TOOL *g* = ϫ
1;3;4	*gwf* Wb 5, 160.9	g{[ô]w}f	macaque	V. 344 - MK = Related to ⲥⲁⲡⲓ 'monkey'?	ZOO
0;6;6	*gwn* [*gȝw3nȝ*] Wb 5, 160.10	**gAwAnA** g{Au}AnA?	bag [of some kind, perhaps coloured and very probably imported], haversack	V. 349 - Neo Eg. = ⲥⲟⲟⲩⲛⲉ ⲥⲁⲩⲟⲩⲛⲉ ϫⲱⲟⲩⲛⲓ	TOOL foreign {DIA}? *g* = ϫ
0;3;3	*gwy*	**gwï**	small [boy]; young; little (of something) [IE = English 'boy'?]	V: 72 - (Demotic) = ⲕⲟⲩⲓ	MAN
0;3;3	*gyf.t* [*gif.t*]  Wb 5, 158.12-16	**Gæf**	guenon; female macaque	V. 344 - OK = Related to ⲥⲁⲡⲓ 'monkey'	ZOO
-	*ḥ*(*w*).*t nṯr* [*ḥ.t nṯr*] Wb 3, 4.11-5.9	**H[*è*]-n[ô]tch[*è*]r** [accentuated]	temple [lit. 'house of the god]	V. 306 - OK = ϩⲉⲛⲏⲧⲉ ϩⲉⲛⲉⲉⲧⲉ	HAB accent. [*è*] = ⲉ [ô] = ⲉⲉ *r* = []
0;1;1	*ḥ.t* [not *ḥw.t*] Wb 3, 1.4-3.5	**h[*è*]** **['h' accentuated]**	house [French: 'demeure' rather than 'maison'; V's 'grande maison' is closer] [IE = English 'house'; German: 'haus']	V. 287 - ? = Extrapolated from ϩⲉⲛⲏⲧⲉ ϩⲉⲛⲉⲉⲧⲉ 'temple [lit. 'house of the god]' = *ḥ*(*w*).*t nṯr* [*ḥ.t nṯr*] {: H[*è*]-n[ô]tch[*è*]r	HAB

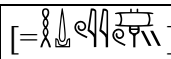
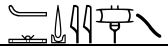
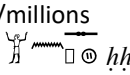
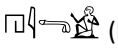
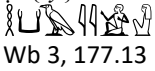
				; or ϩNЄC = ϩ + NЄC 'House of the Prince' = *ḥ.t ny sw* [*ḥ.t n nsw*] H[*è*]-n[*è*]s , with the alternative writing betraying the phonetic value of *ḥ.t*:	
-	*h.t ḥr* [*ḥt hr*] Wb 3, 5.11 Plural: *t3 ht hry*	**H[è]t H[ô]r ['H' accentuated or long]** **Plural:** **tA H[è]t H[ô]r{[è]oo}**	Hathor [lit. 'House of Horus']	V. 291 - OK = ϩλΘΟΡ ϩλΘΟλ ΛΘΟΡ	GOD accent. [*è*] = λ *r* = λ *ḥ* = [] t pronounced
-	*h.t ny sw* [*h.t n ns.w*] = No Wb?	**H[è]-n[è]s ['n' accentuated]**	House of the Prince	V. 305 - ? = ϩNЄC	LOC accent. *ḥ* = []
-	*h.t wᶜr.t* [*ḥw- wᶜrt*] Wb 1, 287.8	**H[è]-wa*r*[é]t[è] ['t' accentuated]**	Avaris [lit. 'House [of the] Leg']	V. 237 - MK (OK?) = Related to ΟΥЄΡΗΤЄ ΟΥΡΗΤЄ ΟΥΡΗϮ ΟΥΡΙΤЄ 'leg'	LOC accent. *ḥ* = []
0;2;2	*h3* Wb 3, 8.5-9 = (NK)	**HA**	head back, back part of head, occiput = 'behind'	V. 285 - OK (Pyr) = ϩH 'back part'	BOD *3* = H
0;2;2	*h3* [*ḥ{3w}?*] = *ḥ3y* [*ḥ{3y}*] (Neo Eg.) Wb 2, 475.7	H{Au?} **H{o}**	drudgery, corvee, burden, work = *ḥyy.t* 'pain; suffering, worry'	V. 291 - OK = Related to ϩOI in ϸ-ϩOI Ϯ-ϩOI 'tire, disturb'	ABS {DIA}
0;2;2	*hᶜ* Wb 3, 37.5-39.13 = *iḥᶜ* (Ptolemaic)	**H*a* [long '*a*'] /** **æH*a***	flesh; meat; body	V. 287 - OK = Related to ϩωω 'self' in ϩωωϥ 'himself' [lit. 'of his body']; see *ḥᶜ ᶜnḫ*	BOD *i* = []
0;2;2	*h3* [*ḥ3.t*] Wb 3, 12.19-21	**HA**	Tomb	V. 286 - OK (Pyr) = ϩω	HAB *3* = ω
-	*hᶜ ᶜnḫ* No Wb?	**H*a* *a*nkh**	son [lit. 'body [of his] life, life body]	V. 287 - ? = Related to = ϩωω 'self' in ϩωωϥ 'himself' [lit. 'of his body'] and ΛNϢ in ΛNϢ-ΤΗϒ to breathe = 'life breath'.	MAN

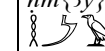
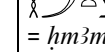
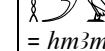
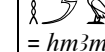
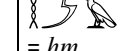
0;2;2	*ḥ3.t* Wb 3, 360.11-14 = *ḥ* (Demotic)	**HA / H[a]**	mine (of gold, copper, etc..), quarry; mining region	V. 285 - NK (Dyn. XVIII) = ⲭⲏ	HAB *3* = ⲏ *3* ⇔ [a]
0;3;3	*ḥ3.t* [*ḥ3t*] Wb 3, 19.2-22.3 = *ḥ3.t* [*ḥ3t*] (Demotic)	**HAt** [HA?]	forepart, front part; beginning; the best	V. 285 & 314 - OK (Pyr) = ⲭⲏⲧ ⲉⲭⲏⲧ ⲭⲏ ⲭⲓⲏ ⲭⲓ ⲭⲉⲓ ⲉⲭⲓ ⲉⲭⲓⲉⲓ	PREP *3* = ⲏ *3* = ⲓⲏ *3* = ⲉⲓ *3* = ⲓⲉⲓ
-	*ḥ3.t zp*  Wb 3, 26.6-13 = *ḥ3,t sp* (Demotic) According to TLA = *rnp.t-zp* Wb 2, 429; 3, 26.6-13;	HA-zp	year	V. 193 - OK = ⲁⲥⲫ ⲥⲡ	TIME
0;4;4	*ḥ3.t-y* [*ḥ3ty*] Wb 3, 26-27.19	**HAtï ['t' accentuated]**	heart [IE = English 'heart']	V. 314 - OK = ⲭⲉⲧⲉ ⲭⲉ† ⲭⲟⲉ ⲭⲧⲉ ⲭⲏⲧ [Extrapolated from ⲛⲁⲱⲧ–ⲭⲏⲧ 'hard of heart' (V. 149)] or ⲱⲛ–ⲭⲏⲧ 'to pity'	BOD *3* = ⲏ *3* = ⲉ *t* = † *t* = ⲑ *y* = ⲉ *y* = []
0;3;3	*h3b* Wb 2, 479.13-481.1 = *hb* (Demotic)	**hAb**	send	V. 288 - OK = ⲭⲱⲃ ⲭⲁⲃ	(v.) *3* = ⲱ *3* = ⲁ
1;3;4	*h3b* Wb 2, 485.12-486.6	**hAb[i]**	trample (to, proper and figurative); mistreat	V: 57 - MK = ⲟⲉⲃⲓⲟ ⲟⲃⲃⲓⲟ	(v.) *h* = ⲑ *3* = ⲉ
0;8;8	*hˁlˁmˁtˁ*	**H*ala*m*ata***	worm	Vieira: 246 - (Demotic)	ZOO foreign?
0;5;5	*h3my* [*h3m*{ˁ*y*}] No Wb?	**HAm{*ỏ*}**	if only, 'I wish' (as a wish = Latin 'utinam')	V. 300 - ? = ⲭⲁⲙⲟⲓ ⲁⲙⲟⲓ	COND {DIA} foreign? *3* = ⲁ ˁ = ⲟ
0;3;3	*ḥ3p* Wb 3, 30.6-31.6 = *ḥp* (Demotic)	**Hap**	hide [IE = English 'hide']	V. 307 - MK = ⲭⲱⲡ	(v.) *3* = ⲱ
1;2;3	*ḥ3p*.t Wb 3, 31.4-6	**HAp[*è*] ['p' accentuated]**	hiding place, place to hide things (French: 'cachette'). Linked to *ḥ3p* 'hide'	V. 306 - Ptol. = *ⲭⲏⲡⲉ ⲭⲏⲡⲓ	HAB accent. *3* = ⲏ
0;4;4	*hˁpr.w*  No Wb?	H*a*p[*è*]r	Nile river branches [lit. the Hapys]	Word mentioned in V: 66 with *ḥˁpy* 'Nile'	LAND
0;3;3	*hˁḳ*	**H*a*q**	leather worker (French: 'cordonnier'; lit. the one who sews]	V. 2? - (Demotic) = ⲭⲁⲁⲕ	PRO ˁ = ⲁⲁ

1;3;4	*ḥ3r.t* Wb 3, 363.4-7 = *ḥ3r* Faulkner, 184	**hAr[è] /** **khAr[è] ['r' accentuated]**	widow	V. 292 - MK = ⲭⲁⲉⲓⲥ [metathesis?]	TIT accent.
0;4;4	*h3ts* Wb 2, 482.8-9	**HAtch[è]s**	recipient of some kind (in black or white *mnw* stone)	V. 317 - OK = ⲭⲁⲧⲥ ⲭⲟⲧⲥ	TOOL foreign? *3* = ⲁ *3* = ⲟ *ṯ* = ⲧ
1;3;4	*ḥ^ꜥw* [*ḥ{3w}*]  Wb 3, 16.7-18.4 = *ḥwy* [*ḥ{wy}*]  = *ḥ3w* (Demotic)	**H{Au}[o] /** **H{ō}[o]**	increase (n.)	V. 317 - OK = ⲭⲟⲩⲟ	ABS {DIA} *3w* = ⲟⲩ *wy* = ⲟⲩ *3w*⇔*wy*
0;2;2	*ḥ3w* [*ḥ{3w}*]  Wb 2, 478.1-13 = *ḥ3y* [*ḥ{3y}*] TLA DZA 26.323.360 = *h3* [*h{3y}?*] (Demotic)	**h{Au} /** **h{o}**	epoch; time period; time; as in: *h{3w} nfr* 'good time' or *h{3w} bin* 'bad time'*; lifetime*	V. 285 - OK = ⲭⲏ ⲭⲉ	TIME {DIA} *3w* = ⲏ *3w* = ⲉ *3y* = ⲏ *3y* = ⲉ *3y*⇔*3w*
0;3;3	*h^ꜥ-w* [*h^ꜥw*]  Wb 3, 37.5-39.13	**Hɑw**	limbs; himself [lit. his limbs' = ⲭⲱⲟⲩ=ⲩ]	V. 318 - Ptol. = ⲭⲱⲟⲩ	BOD ABS ꜥ = ⲱ
0;2;2	*ḥ3y* [*ḥ{3y}*] Wb 3, 13.9 & TLA DZA 26.487.420 = *ḥww* [*ḥ{ww}*] 	**H{o}** **H{ō}**	inundation, flood	V. 290 - Ptolemaic = Related to ⲭⲟⲓ 'canal; hydraulic wheel'	ENV {DIA}
0;2;2	*ḥ3y* [*ḥ{3y}*]  Wb 3, 14.9-15.3 & TLA DZA 26.488.930	h{o}	shine (of the sun)	V. 286 - NK = ⲭⲉⲓ 'appear; flower' [semantic shift]	(v.) ASTR {DIA} *3y* = ⲉⲓ
0;3;3	*ḥ3y* [*ḥ{3y}*] =  Wb 2, 472.3-474.25 = *hy* (Demotic)	**hAï[è]** h{o}? **h[a]ï[è] ['è' accentuated]**	fall; descend	V. 285 - OK = ⲭⲁⲉⲓⲉ ⲭⲉⲉⲓⲉ ⲭⲉⲓ ⲭⲉ ⲭⲏⲉ ⲭⲏⲓ	(v.) {DIA?} *3* = ⲁ *3* = ⲉⲉ *3* = ⲉ *3* = [a] accent.
1;2;3	*hb*  No Wb? = *hb* (Demotic)	**h[é]b**	Hibis (town in El Kharga)	V. 288 - ? = ⲭⲏⲃ	LOC

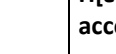
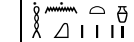
0;2;2	*ḥb* = *ḥ3b* Wb 2, 485.10-11	**h[è]b[è] /** **hAb[è]['b' accentuated]**	plough	V. 288 - OK = ⲭⲃⲃⲉ ⲭⲓⲃⲉ ⲭⲉⲃⲓ	TOOL accent *b* = ⲃⲃ [è] ⇔ *3*
1;2;3	*ḥb* Wb 3, 57.5-58.21 = *ḥb* (Demotic)	**H[ô]b**	feast	V. 307 - OK = ⲭⲟⲡ	CAL *b* = ⲡ
1;2;3	*ḥb* Wb 3, 61.14	**h[ô]b[è] ['b' accentuated]**	mourn	V. 288 - MK = *ⲭⲱⲃⲉ ⲭⲏⲃⲉ ⲭⲏⲃⲓ	(v.) accent. [ô] = ⲏ
1;2;3	*ḥb* = (n) Wb 3, 57.4 = *ḥb3y.t* [*ḥb{3y}.t*] (NK - XXth) = *ḥb* (Demotic)	**Hb[ô]** **Hb{o}** **Hb[o]**	tent for feast; tent	V. 288 - Neo Eg.= ⲭⲃⲱ 'tent; cover'	TOOL {DIA} *3y* = ⲱ
1;2;3	*ḥb*	**Hb[a]**	mourning (n.; French: 'deuil')	V. 286 - MK = ⲭⲃⲁ 'unhappy event [French: 'malheur']; embarassment' [semantic shift]	MED
1;4;5	*ḥbḥb* Wb 2, 487.21-25	**h[ô]bh[è]b**	crush (with the foot) [; trample], tread; traverse	V. 303 - Neo Eg. = ⲭⲟⲙⲭⲉⲙ ⲭⲉⲙⲭⲱⲙ [metathesis] ϧⲟⲙϧⲉⲙ 'trample, crush'	(v.) *b* = ⲙ *ḥ* = ϧ
1;4;5?	*ḥbny* 	**h[è]b[è]n[o]ï ['h' and 'b' accentuated]**	ebony (*Dalbergia melanoxylon*) [if genitive *y/ï* than '*ḥbny*' may refer to a geographical area]	V: 39 - OK (Pyr) = ⲉⲃⲉⲛⲟⲥ	BOT foreign accent. *ḥ* = [] *y* = []
1;3;4	*ḥbḳ*	**H[ô]bk**	dry; destroy; weaken; perish; wither [of flowers]	V. 321 - (Demotic) = ⲭⲱⲥⲃ ⲭⲱⲥⲡ ⲭⲟⲥⲡ ⲭⲉⲥⲡ [metathesis]	(v.)
1;3;4	*ḥbḳ* = *ḥ3bḳ* Wb 2, 488.3-5	**h[ô]bk /** **HAbk**	harpoon, stick; crush, beat, triturate	V. 289 - 2nd Interm. Per. = ⲭⲱⲃⲕ 'stick' (French: 'aiguilloner')	(v.)
1;5;6	*ḥbrbr* Wb 3, 64.1	**Hbrb[ô]r**	prostrate oneself, crawl [lit. to lie flat, to go down]	V. 289 - Neo Eg. = ⲭⲃⲣⲃⲱⲣ ⲭⲃⲟⲣⲃⲣ	(v.)

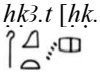
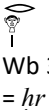
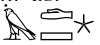
				[metathesis] 'go down; crumble, make fall; dissolve'	
1;3;4	*ḥbs* Wb 3, 66.13-15 = *ḥbsyy.t* [*ḥbs{ȝy*] (Neo Eg.) 	**H[*è*]bs[ô] /** H[*è*]bs{o}?	tissue; clothing; blanket	V. 289 - NK = ⲭⲉⲃⲥⲱ ⲭⲃⲥⲱ ⲭⲃⲥⲟⲩ Pl. ⲭⲃⲥⲟⲟⲩⲉ.	TOOL {DIA?}
1;3;4	*ḥbs* Wb 3, 64.3-65.17 = *ḥbs* (Demotic)	**H[ô]bs**	clothe (French: 'vetir'), veil (French: 'voiler'), cover	V. 289 - OK (Pyr) = ⲭⲱⲃⲥ ⲭⲟⲡⲥ	(v.) *b* = ⲡ *s* = ⲥ
0;3;3	*ḥbs* Wb 3, 66.16-18	**Hb[*è*]s ['b' accentuated] / H[*é*]b[*è*]s**	lid	V. 289 - Neo Eg. = ⲭⲃⲃⲥ ⲭⲏⲃⲥ ⲭⲁⲃⲥ	TOOL accent. *b* = ⲃⲃ
1;3;4	*ḥbs* Wb 3, 65.18-66.12 = *ḥbs* (Demotic)	**Hb[ô]s**	tissue; clothing; blanket	V. 289 - OK = ⲭⲃⲱⲥ ⲭⲃⲟⲥ	TOOL
1;3;4	*ḥbt.t*	**hb[ē]t[*è*] ['é' long]**	foam	V. 289 - (Demotic) = ⲭⲃⲏⲏⲧⲉ	MAT accent. [ē] long = ⲏⲏ
1;3;4	*ḥby* = *ḥbw* [*ḥb.w*] = *ḥȝby* Wb 2, 487.1-4 = *ḥb* (Demotic)	**h[*è*]b[ô]ï /** **h[*è*]b{[ô]w} /** **hAb[ô]ï /** **h[*è*]b[o]**	ibis (*Ibis religiosa*)	V. 289 - ? = ⲭⲓⲃⲱⲓ	ZOO **[*è*]** = ⲓ
1;2;3	*ḥḏ* Wb 3, 209.9-210.6	**H[a]dj[*è*] ['a' long or possibly even 'ô'; 'dj' accentuated]**	silver	V: 127 & 314 – MK = ⲭⲁⲁⲧ(ⲉ) ⲭⲁⲧⲉ ⲭⲁⲧ ⲭⲏⲧ Extrapolated from ⲙⲟⲟⲩ ⲛ ⲭⲁⲧ 'water of silver' = 'mercury'.	MAT 'a' long accent. *ḏ* = ⲧ
1;3;4	*ḥdb* Wb 3, 403.3-13 = *ḥtb* (Demotic)	**H[ô]d[*è*]b /** **H[ô]t[*è*]b ['d' and 't' accentuated]**	kill	V. 316 - MK = ⲭⲱⲧⲉⲃ ϧⲱⲧⲉⲃ	(v.) accent. *ḥ* = ϧ *d* = ⲧ
1;3;4	*ḥdp* Wb 3, 205.8-17 = *ḥtp* (Demotic)	**Hd[ô]p**	fall (on ground); fall (n.) [IE = English 'drop'?]	V. 316 - MK = ⲭⲧⲟⲡ	(v.) *d* = ⲧ
1;3;4	*ḥwyḏy* [*ḥ{wy}ḏy*] 	**H{ō}dj /**	cold (lit. 'cold wind'); cold wind	V. 320 - t = ⲭⲱϫ	ENV {DIA} {*wy*}=ⲱ

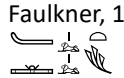
	[= ] TLA: Meeks, AL 77.2944 = *ḥḏ{ȝy}* (n) metathesis 	**Hdj{o}**			
1;3;4	*ḥḏy* [*ḥḏ*] Wb 3, 213.17-20	**H[ô]dj**	damage; miss	V. 321 - ? = Related to ⲭⲱⲭ ⲭⲱⲭⲉ 'torment; oppress' [semantic shift?]	(v.)
0;3;3	*ḥf{ȝw}* Wb 3, 72.14-20 = *ḥf* (Demotic)	**Hf{Au}**	snake	V. 319 - OK (Pyr) = ⲭⲫⲱ ⲭⲫⲟⲩⲓ ⲭⲟⲫ [metathesis]	ZOO {DIA} *{ȝw}* = ⲱ *{ȝw}* = ⲟⲩ *{ȝw}* = ⲟ
2;4;6	*ḥfll*	**H[a]fl[ē]l[è]**	lizard	V. 319 - (Demotic) = ⲭⲁⲫⲗⲉⲉⲗⲉ	ZOO foreign, [*ē*] = ⲉⲉ
1;3;4	*ḥgy ḥky*	**H[a]gï / H[a]djï**	trap; lace	V. 321 - (Demotic) = ⲭⲁⲇⲉ ⲭⲁⲍⲓ	TOOL *g* = ⲇ
1;2;3	*ḥḥ* Wb 3, 152.14-153.24	**H[a]H**	multitude; millions; eternity	V. 194 & 320 - OK = ⲭⲁⲯ Extrapolated from ⲭⲁⲯ ⲛⲥⲟⲡ 'often' [lit. eternity/millions of times] =  *ḥḥ n zp*. Also V: 8 - MK/XIX = ⲁⲗⲕⲭⲁⲯ 'Ark-hah' [locality]	TIME
0;2;2	*hi*  (NK) = *hȝyy* (*h{ȝy}*) Wb 2, 475.10-12	**hæ /** **h{o}**	husband	V. 290 - OK (Pyr) = ⲟ	FAM {DIA} *ȝy* = ⲟ
1;2;3	*hi* = *hy* Wb 2, 482.12-16	**Hæ[i] /** **h[a]ï**	hi! [IE = English; 'hi!']	V. 290 - OK = ⲭⲁⲉⲓ	EXCL *y* = ⲉⲓ
1;3;4	*ḥkȝ* Wb 3, 175.16bis = *ḥk* (Demotic)	**H[i]kA /** **H[i]k**	magic	V. 294 - OK (Pyr) = ⲭⲓⲕ	ABS *ȝ* = []
0;3;3	*ḥk{ȝy}.t*  Wb 3, 177.13 = *ḥkw* [*ḥk{ȝw}*] Wb 3, 177.10-12	**H[a]k{o} /** **H[a]k{Au}**	magician	V. 293 - ? = ⲭⲁⲕⲟ ⲁⲭⲟ	PRO {DIA} *ȝy* = ⲟ *ȝw* = ⲟ *k* = ⲭ
2;3;5	*ḥknw*	**H[a]k[i]{n[ô]w}**	mint oil?; *ḥknw* oil (one of the	V. 321 - OK (Pyr) =	BOT

	 Wb 3, 180.5-7		sacred 'Seven Oils') [lit. 'the glorified [oil/one]' from *ḥkn* 'celebrate; glorify; jubilate']	Related to ϩⲁϭⲓⲛ ⲁϭⲓⲛ 'mint' (*Mentha piperita* L.)	foreign? *ḥ* = []
1;5;6	*ḥlʿlʿ*	**Hl*a*[i]l*a***	swim	V. 293 - (Demotic) = ϩⲗⲱⲓⲗⲓ ϩⲗⲟⲉⲓⲗⲉ	(v.) foreign?
1;3;4	*ḥll*	**Hl[ô]l[*è*] ['l' accentuated]**	rock [a baby] (French: 'bercer')	V. 297 - (Demotic) = *ϩⲗⲱⲗⲉ ϩⲗⲟⲗⲓ ϩⲗⲟⲟⲗⲉ	(v.) accent.
1;4;5	*ḥlly*	**Hl[o]lï**	obscurity	V. 297 - (Demotic) = ϩⲗⲟⲗ	ENV *y* = []
2;3;4	*ḥm* Wb 3, 80.16-81.1 = *ḥmyy* [*ḥmy*] = *ḥny* (Demotic)	**H[i]m[*è*]{[ô]w} /** **H[i]m{[*è*]oo} /** **H[i]nï**	rudder [IE = English 'helm'?]	V. 304 - OK = *ϩⲓⲙⲏⲟϒ ϩⲓⲏⲟϒ ϩⲓⲉϒ ϩⲓⲛⲉⲓⲉ ϩⲓⲛⲓⲉ ϩⲓⲉ ϩⲓⲏ	TOOL *m* = [] *m* = ⲛ
1;2;3	*ḥm*	**h[ô]m**	pound	V. 293 - (Demotic) = ϩⲱⲙⲓ ϩⲟⲙ ϩⲉⲙ ϩⲙ	(v.) [ô] = ⲱ [ô] = ⲟ [ô] = ⲉ [ô] = []
1;2;3	*ḥm* [*ḥm.w*] Wb 3, 82.6	**Hm[*è*] ['m' accentuated]**	forty	V. 298 - NK (Dyn. XIX) = ϩⲙⲉ	NUM40 accent.
-	*ḥm nṯr* Wb 3, 88.49-90.7	**H[ô]m- n[ô]tch[*è*]r**	servant of god, god's servant, priest	V. 306 - OK = ϩⲟⲛⲧ	PRO
-	*ḥm*(*-w*)*-r* [*ḥm-r*] 	**Hm[é]-r[o]**	spell (magic) = *ḥmw-r* [*ḥm.w-r*] 'art [of] mouth' Wb 3, 85.1-2	V. 301 - Second Inter. Per. = ϩⲙⲏⲣ	ABS
1;2;3	*ḥm.t* Wb 3, 76.16-77.19 = *ḥm.t* (Demotic)	**H[i]m[*è*] ['m' accentuated]**	woman, female [; wife] [IE = Related to Greek υμένας 'ymenas; French 'hymen' vaginal membrane'?]	V. 205 & 300 - OK (Pyr) = ϩⲓⲙⲉ. Extrapolated from ϲϩⲓⲙⲉ ϲϩⲓⲙⲓ 'woman' = *z.t ḥm.t* 'female person' Wb 2, 407.9-14	MAN accent
0;4;4	*ḥm{ȝy}tì.t*  = *ḥmtȝ.ìi.t* [*ḥmt{ȝy}.t*]  = *ḥmȝm{wy}ti*  = *ḥmȝmwti*  = *ḥmȝmti*  = *ḥm* (Demotic) Wb 3, 93.14-94.3	**Hm{o}{tè} /** **Hmt{o} /** **HmAm{ō}{tè} /** **HmAm[{ô}w]{tè} /** **HmAm[o]{tè} /** **Hm[o]**	salt [connection with 'Hamamat' of Wadi Hamamat, i.e. 'the' salt wadi'?]	V. 298 - MK = ϩⲙⲟϒ	MAT {DIA} foreign *ȝy* = ⲟϒ

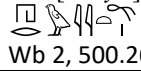
0;4;4	*ḥmḏ* [*ḥmḏ3*] Wb 3, 99.13	**H[è]{mè}djA ['H' accentuated]**	vinegar; inferior quality wine	V. 303 - Neo Eg. = ϩⲙⲭ ϩⲉⲙⲭ	MAT FOOD foreign? accent. *3* = []
0;4;4	*ḥmḥm* Wb 2, 490.9-17 = *ḥmḥm* (Demotic)	**h[è]mh[è]m ['h' accentuated]**	scream, roar; scream, war cry (n); thunder (n)	V. 302 - MK = ϩⲉⲙϩⲉⲙ ϩⲙϩⲙ. See also *nḥmm* 'roar'.	(v.) ONO accent
1;3;4	*ḥmm.t* = *ḥ3mm* = *ḥnmm.t* (Pyr) 'people of the 'sky?'; later 'humanity' Wb 3, 114.6-13	**H[a]m[è] /** **hAm[è] /** **H[a]nm[è] ['m' accentuated through duplication]**	humanity [IE = English '**human**ity']	V. 302 - OK (Pyr) = ϩⲁⲙⲉϒ	MAN accent. duplic. [a] ⇔ *3*
1;3;4	*ḥmr*	Hm[i]r	pelican? (a bird of some kind)	V. 2? - (Demotic) = ϩⲣⲓⲙ [metathesis] 'pelican'	ZOO
1;3;4	*ḥms* [*ḥmz*] = *ỉms* [*ḥmz*] aesthetic = *iḥms* = *ḥms* (Ptol.) Wb 3, 96.13-98.22	**Hmz[ô] ['s' accentuated] /** **hæms[ô] /** **æHms[ô] /** **Hms[o]**	sit, sit down, sit (to make (*rdy*); occupy [IE = English 'sit'?]	V: 58 & TLA DZA 26.864.070 - OK (Pyr) =: ϩⲉⲙⲥⲟ ϩⲉⲙⲟⲟⲥ ⲑⲏⲥⲟ ϩⲉⲙⲥⲓ	(v.) accent. *s* = ⲥ *ḥ* ⇔ *i*
1;3;4	*ḥmsy* [*ḥmsi*] Wb 3, 96.13-98.22 = *ḥms* (Demotic)	**Hm[ô]s /** **H[è]msæ /** **H[è]ms[i]**	sit down; be seated	V. 302 - OK (Pyr) = *ϩⲙⲱⲥ ϩⲙⲟⲟⲥ ϩⲙⲁⲁⲥ ϩⲙⲟⲥⲧ ϩⲙⲁⲥⲧ ϩⲉⲙⲥⲓ	(v.)
1;3;4	*ḥmt* Wb 3, 99	**H[ô]mt**	bronze; copper; ore; money; silver	V. 302 - NK = ϩⲟⲙⲧ ϩⲟⲙⲛⲧ ϩⲁⲙⲛⲧ	MAT
1;3;4	*ḥmty* Wb 3, 99 (Demotic)	**H[ô]mtï**	metallurgist	V. 302 - MK = Related to ϩⲟⲙⲧ ϩⲟⲙⲛⲧ ϩⲁⲙⲛⲧ ⲫ bronze; copper; money; silver'	PRO *y* = [].
-	*ḥmw nb* [*ḥ{ww}m nb*] Wb 3, 82.12	**H{ō}m-n[oo]b**	gold worker [French: 'orfèvre'; German: 'goldarbeiter']	V: 140 & 300 - OK = ϩⲁⲙ-ⲛⲟⲩⲃ	PRO {DIA} *ww* = ⲁ
1;2;3	*ḥmww* [*ḥm{ww}*] Wb 3, 83.5-84.8	**Hm{ō}**	artisan; artiste [lit. 'producer' from the verb *ḥmw* 'produce']	V. 299 - OK = ϩⲁⲙ ϩⲁϒ ϩⲟϒ	PRO {DIA}
0;3;3	*ḥmyy.t* [*ḥmy*] Wb 3, 81.14	**Hmï ['m' accentuated] /**	govern; drive [; steer, pilot] (from 'rudder' (French: 'gouvernail') [IE = English 'helm'?]	V. 301 - OK = ϩⲙⲙⲉ ϩⲉⲙⲓ. Also survived in the expression ϯϩⲙⲙⲉ or ⲉⲣϩⲉⲙⲓ 'be driven'	(v.) accent.

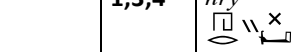
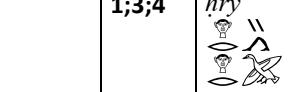
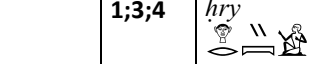
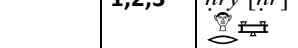
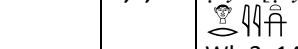
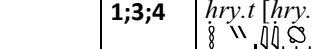
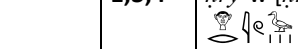
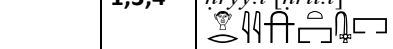
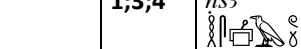
	= *ḥmy* (Demotic)	**H[*è*]mï ['H' accentuated]**		i.e. 'make drive' =  *ir.t ḥmy*	
1;2;3	*ḥn* Faulkner, 171 & Wb 3, 101.1-20	[ô]Hn[*è*]?	organize; equip; command; engage; protect	V. 206 - MK = Extrapolated from ⲥⲁϩⲛⲉ ⲥⲁϩⲛⲓ = 'provide; administer'	(v.)
1;2;3	*ḥn* Wb 2, 491.10-20	**H[é]n[*è*]**	crate (in wood or gold, to put [all sorts of things])	V. 304 - OK (Pyr) = ϩⲏⲛⲉ	TOOL accent
1;2;3	*ḥn* Wb 3, 104.6 = ? *ḥn* 'skin; textile'	**H[é]n[*è*] ['n' accentuated]** [Hn{[ô]w}?]	clothing [; textile] of some kind	V. 304 - Neo Eg.? = ϩⲏⲛⲉ 'textile; sheet of linen'	MAT accent.
1;2;3	*ḥn*	**Hn[ô]**	prevent	V. 226 - (Demotic) = Extrapolated from ⲧⲁϩⲛⲟ 'prevent [lit. 'cause to prevent']	(v.)
1;3;4	*ḥnḥ.t* Wb 3, 115.7	**Hn[ô]H[*è*] ['H' accentuated]**	fear	V. 306 - Late Per. = ϩⲛⲱⲱϩⲉ ϩⲛⲱϩⲉ ϩⲛⲟϩⲉ	MED accent. [ô] = ⲱⲱ
0;3;3	*ḥnk.t*  Wb 3, 169.11-20 = *ḥk.t* = *ḥnḳ.t* (Demotic)	**Hnq[*è*] / Hq[*è*] ['q' accentuated]**	beer, Egyptian beer	V. 305 - OK (Pyr) = ϩⲛⲕⲉ ϩⲉⲙⲕⲓ	FOOD accent *n* = ⲙ [*è*] = ⲓ
1;5;6	*ḥnt3sw* [*ḥnt3s*] Wb 3, 122.9 = *ḥnts* (Demotic)	**H[a]ntAs**	lizard	V: 12 - Med = ϩⲁⲛⲧⲟⲩⲥ ⲁⲛⲑⲟⲩⲥ	ZOO foreign? *3* = ⲟⲩ *ḥ* = []
1;3;4	*ḥnw* Wb 3, 107.1-11 = *ḥnw* (Demotic)	**H{n[ô]}**	pot	V. 306 - MK = ϩⲛⲱ ϩⲛⲁⲁⲩ ϩⲛⲉⲉⲩ ϩⲛⲏⲟⲩ	TOO *w* = ⲱ *w* = ⲁⲁⲩ *w* = ⲉⲉⲩ *w* = ⲏⲟⲩ
1;3;4	*ḥnw* [*ḥn.w*] Wb 2, 493.2-14 = *ḥn* (Demotic)	**H[i]n** H{n[ô]}w[*è*]? [Plural formas substantive?}	cup (of precise dimensions); measure [the 'Hin' = 0.45 of a litre]	V. 304 - OK (Pyr) = ϩⲓⲛ	MEAS
1;3;4	*ḥny* = *? ḥn* 'offering' Wb 3, 102.16	**H[é]nï**	spice; incense	V. 304 - (Demotic) = ϩⲏⲛⲉ	MAT *y* = ⲉ
1;3;4	*ḥp* Wb 2, 488.7-489.2 = *ḥp* (Demotic)	**h[a]p**	law, ordinance	V. 306 - MK = ϩⲁⲡ ϩⲉⲡ	ABS
1;2;3	*ḥp* Wb 3, 70.1-4	**H[a]p[*è*] ['p' accentuated]**	Apis	V. 306 - MK (earlier?) = ϩⲁⲡⲉ ϩⲁⲡⲓ	GOD accent. [*è*] = ⲓ

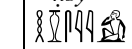
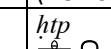
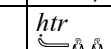
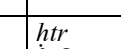
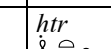
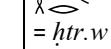
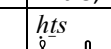
0;4;4	*ḥpt* [*ḥ3pti*] No Wb?	**HAp{tè}**	measure of six feet (French: 'brasse' = 1.62 m)	V. 307 - Neo Eg. = ⲉⲡⲱⲧ ⲉⲡⲟⲧ ⲉⲭⲱⲧ ⲉⲭⲟⲧ [metathesis]	MEAS accent. *ti* = ⲧ *p* = ⲫ
1;2;3	*ḥḳ3.t* [*ḥḳ.t*]  Faulkner, 178 & Wb 3, 174.13-20	**H[é]q[è] ['k' accentuated]**	Hekat (name of a wheat measure) = bushel	V. 294 - MK = ⲉⲏⲕϵ	MEAS accent.
1;3;4	*ḥḳr* Wb 3, 175.2 = *ḥḳr* (Demotic)	**H[é]q[è]r ['q' accentuated]**	hungry one; poor [IE = '[the] hungry [one]']	V. 293 - OK = ⲉⲏⲕϵ ⲉⲏⲕⲓ	MED *r* = []
1;3;4	*ḥḳr* Wb 3, 174.23-175.1 = *ḥḳr* (Demotic)	**Hq[ô]r**	hungry (be) [IE = English: '**hun**gry', '**hun**g**er**']	V. 293 - OK (Pyr) = ⲉⲕⲟ ⲉⲕⲁ ⲉⲓⲕⲁ ⲉⲟⲕⲉⲣ [metathesis]	(v.) *r* = []
1;2;3	*ḥr* *Wb 3, 124.1-9*	**H[ô]r**	Horus	V. 215 - OK = Extrapolated from ϯⲙⲉⲛⲉⲱⲣ ϯⲙⲓⲛⲉⲱⲣ Damanhur (lit. Town of Horus)	GOD
1;2;3	*ḥr* Wb 3, 122.14 = *ḥr* (Demotic)	**H[ô]r**	Horus	V. 307 - OK = ⲉⲱⲣ ⲉⲁⲣ ⲉⲣ	GOD [ô] = ⲱ [ô] = ⲁ [ô] = []
1;2;3	*ḥr*  Wb 3, 125.6-127.14 = *ḥr* (Demotic)	**Hr[a]**	face	V. 286 - OK = ⲉⲣⲁ ⲉⲁ ⲉⲟ ⲉⲗⲉ. Also extrapolated from ⲛⲁⲯⲧ-ⲉⲣⲁ 'insolent' lit. 'hard of face' (V. 148)]	BOD *ḥ* = ⲉ
-	*ḥr dšr*  No Wb?	**H[ô]r- d[ô]shr**	Mars [lit. 'Horus the Red']	V. 221 - Ptolemaic	ASTR
-	*ḥr ḥr* Wb 3, 129.7-11	**H[i]r-Hr[a]**	upon [lit. 'sur la figure']	V. 320 - Neo Eg. = ⲉⲓ-ⲉⲣⲁ	PREP *r* = []
-	*ḥr wr* = *ḥ.t wr*	**Hr[a] w[ô]r / H[è]-w[ô]r** **['H' accentuated]**	Great Face (place in Upper Egypt, north of Ashmunein] or Great House	V. 314 - OK = ⲉⲟⲩⲱⲣ	LOC accent. *r* = []
1;2;3	*ḥr.t* No Wb?	**H[ô]r[è] ['r' accentuated]**	far way one (n.)	V. 160 - ? = Extrapolated from *Ỉny ḥr.t* 'Onuris' and ⲡⲁⲛⲉⲟⲩⲣϵ 'This one of the [god] Onourè'	ABS accent.
1;3;4	*ḫrd*	**Ħr[ô]d /**	Child	V. 283 - OK = ϧⲣⲱⲧ;	MAN

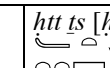
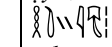
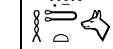
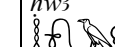
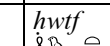


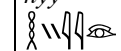
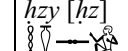
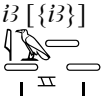
	= *ẖrty* = *ẖrṯ* Wb 3, 398.13-17	**Ħr[ô]tï /** **Ħr[ô]tch**	= plur. 'children' =	also ϧⲣⲱϯ ϩⲗⲁϯ 'children'	*ẖ* = ϧ *ẖ* = ϩ *d* = ⲧ
2;4;6	*ḥrḥr* TLA = Andreu/Cauville, RdE 29, 1977, 10 = *ḥrḫ* (Demotic)	**H[ô]r[é]H[è]r ['H' accentuated] /** **H[ô]r[é]kh[è]**	guard, keep [IE = English: 'guard'? French: 'guarder'?]	V. 312 - ? = ϩⲁⲣⲏϩⲉ ϩⲁⲣⲏϩ ϩⲁⲣⲉϩ ⲁⲣⲉϩ ⲉⲣⲉϩ ⲉⲣⲏϩ	(v.) accent. foreign? r = []
0;3;3	*ḥrỉ* = *ḥry* Wb 3, 133.1-136.6 = *ḥry* (Demotic)	Hræ/ Hrï	superior	V. 308 - Neo Eg. = Related to ϩⲣⲁⲓ ϩⲣⲏⲓ ϩⲗⲏⲓ 'superior part'	ADJ *r* = ⲗ *ỉ* ⇔*y*
1;3;4	*ḥrp* Wb 2, 500.27-501.4	**H[ô]rp**	sink in; drown	V. 309 - MK = ϩⲱⲣⲡ	(v.)
1;3;4	*ḥrr.t* Faulkner, 176 (Dyn. 20) = *ḥ3rr.t* (Amarna) Wb 3, 149.8-18 = *ḥrry* (Demotic)	**H[è]r[é]r[è] /** **HAr[é]r[è] /** **Hr[é]r[è]ï ['r' accentuated]**	flower	V. 310 - NK = ϩⲣⲏⲣⲉ ϩⲣⲏⲣⲓ	BOT accent. [è] ⇔ *3* ⇔ ⲉ ⇔ ⲓ
1;3;4	*hrš*	**hr[ô]sh**	heavy (become); heavy (adj.)	V. 311 - (Demotic) = ϩⲣⲟϣ	(v.) ADJ
1;3;4	*hrw* Wb 2, 499.1-500.2 = *hw* (Demotic) = *h{3w}* (Neo E.) Plur.: = *h3rw*	**hr{[ô]w} hr{[ô]w}[è] /** **h{[o]w}[è] ['w' accentuated] /** **h{Au}** **Plur. hAr[{[ô]w[è]}**	day [IE = Armenian oр 'or' 'day]	V. 317 - OK = *ϩⲱⲟⲩⲉ ϩⲟⲟⲩⲉ ϩⲟⲟⲩ ϩⲁⲟⲩ ϩⲁⲁⲩ [the latter for *h{3w}* with a digraph]	TIME accent. {DIA} *r* = [] *w* = ⲟⲟⲩⲉ *w* = ⲟⲟⲩ *{3w}* = ⲁⲁⲩ *{3w}* = ⲁⲟⲩ
*	*hrw* [*hrwy.t*] Wb 2, 500.26	**Hr{ō}**	daybook [lit. 'of the day [book]';		TOOL {DIA}
-	*hrw ms* [*hr.w ms*] No WB?	**h[ô]r-m[i]s[è] ['s' accentuated]**	birthday [lit. '[the] day [of] birth]	V. 318 - ? = ϩⲱⲙⲓⲥⲉ ϩⲟⲩⲙⲓⲥⲉ	TIME accent. *r* = [] ⲱ ⇔ⲟⲩ

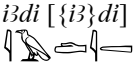
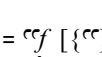


1;6;7	*ḥrwmys*	**Hr{[o]w}mïs**	Roman	Vieira: 228 - (Demotic), Greek?	NAT foreign?
1;4;5	*ḥrwt*	**Hr{[ô]w}t**	press (for wine, etc..)	V. 311 - (Demotic) = ⲭⲣⲱⲧ	TOOL *w* = ⲱ
1;3;4	*ḥry*  Wb 2, 498.3	**h[ô]rï**	milk (French: 'traire')	V. 307 - NK = ⲭⲱⲣ ⲭⲟⲣ ⲭⲣ	(v.) [ô] = ⲱ [ô] = ⲟ [ô] = [] *y* = []
1;3;4	*ḥry*  Wb 3, 146.13 = *ḥl* (Demotic)	**H[ô]rï / H[o]l**	fly [IE = French 'voler' or 'vol' (of birds)]	V. 296 - Late P. = ⲭⲱⲗ	(v.) *r* = *l* *r* = ⲗ *y* = []
1;3;4	*ḥry*  Wb 3, 141.14-142.2	**Hr[é]ï**	chief [lit. 'superior' (one in charge)]	V. 308 - MK = ⲭⲣⲏⲓ 'grandee (of state)' [lit. 'superior (one)]	TIT *y* = ⲓ
1;2;3	*ḥry* [*ḥr*]  = *ḥry* Wb 3, 144-146.5 = *ḥr* (Demotic)	**H[ô]r /** **H[ô]rï /** **H[o]r**	far from; keep away (to keep oneself), remove oneself	V. 307 - OK (Pyr) = ⲭⲱⲣ ⲭⲟⲣ ⲭⲣ	(v.) [ô] = ⲱ [ô] = ⲟ [ô] = []
-	*ḥry ib* [*ḥr ib*] No WB?	**Hræb**	scissor; burin	V. 308 - ? = ⲭⲣⲫⲃ	TOOL *i* = ⲫ
1;2;3	*ḥry.t* [*ḥry.ii.t*]  Wb 3, 147.14-148.1	**H[è]r[i] ['H' accentuated]**	fright	V. 296 - MK = ⲭⲫⲗⲓ	MED accent. *r* = ⲗ *ii* = ⲓ
1;3;4	*ḥry.t* [*ḥry.ii*]  = *ḥry.t* No Wb? = *ḥr.t ḥʿyr.t* (Demotic)	**H[ô]ïr[è] /** H[ô]ræ? / H[o]ri?	faeces, coprolites, excrements	V. 292 - ? = ⲭⲟⲫⲓⲣⲫ ⲭⲱⲓⲣⲓ	MED accent *ii* = ⲫ
1;3;4	*ḥry*-w [*ḥr{iw}*]  Wb 3, 146.14	H[a?]r{è}	volatile of some kind [French: 'sort of volaille] [IE = French: 'volaille'	V. 296 - Neo Eg. = Related to ⲭⲱⲗ 'fly'	ZOO {DIA}
1;3;4	*ḥryy.t* [*ḥrii.t*]  Wb 3, 148.15	**Hr{[è]oo}**	oven (of metal worker)	V. 307 - Neo Eg. = ⲭⲣⲱ ⲭⲣⲟϒ	TOOL *ii* = ⲱ *ii* = ⲟϒ
1;2;3	*ḥs* Wb 3, 164.4-10 = *ḥs*(Demotic)	**H[a]s**	excrement; manure	V. 313 - OK = ⲭⲁⲥ ⲭⲟⲥ ⲭⲫⲥ	MED
1;3;4	*ḥsꜣ*  Wb 3, 166.4	**H[ô]sA**	thread; string	V. 313 - Neo Eg. = ⲭⲱⲱⲥ ⲭⲱⲥ ⲭⲟϒⲥ ⲭⲟⲥ	TOOL *ꜣ* = []
1;3;4	*ḥsb-w* [*ḥsb.w*] Wb 3, 162.4-8 = *ḥsb.t* (NK) 	**H[ô]sb[è] ['b' accentuated] /** **H[ô]sp[è] ['p' accentuated]**	plot of garden; meadow	V. 310 - NK = ⲭⲟⲥⲃⲫ ⲭⲟⲥⲃ ⲭⲁⲥⲃⲫ	ENV accent.

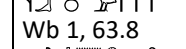
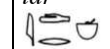
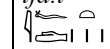
2;3;5	*ḥsr.t* Wb 3, 168.12	H[a]sr[o]	Hasro (necropolis of Hermopolis)	V. 314 - MK = ϩⲁⲥⲣⲟ	LOC
1;2;3	*ḥsy* [*ḥs*] = *ḥsy*  Wb 3, 164.11-165.1 = *ḥs* (Demotic)	**H[ô]s / H[ô]sï**	sing	V. 313 - OK = ϩⲱⲥ	(v.)
1;3;4	*ḥtm* Wb 3, 197.10-198.2 = *ḥtm* (Demotic)	**H[ô]tm**	perish	V. 316 - OK = ϩⲱⲧⲙ	(v.)
1;3;4	*ḥtp* Wb 3, 71.16-72.8	**H[ô]tp**	embrace, surround, enclose	V. 316 - NK (earlier?) = *ϩⲱⲧⲡ ϩⲟⲧⲡ ϩⲟⲡⲧ [metathesis]	(v.)
1;3;4	*ḥtp* Wb 3, 188.2-192.10 = *ḥtp* (Demotic)	**H[ô]tp**	conciliate; also: be peaceful; be gracious; be pleasant; be happy	V. 316 - OK = ϩⲱⲧⲡ 'agree'	(v.)
1;3;4	*ḥtp*  Wb 3, 195.12-16	**Ht[o]p**	basket (as a measure for fruit and plants)	V. 316 - NK (Dyn. XVIII) = ϩⲧⲟⲡ	MEAS
1;3;4	*ḥtr*  Wb 3, 199.7 = *ḥtr* (Demotic)	**H[a]tr[è] ['r' accentuated]**	twins [lit. 'tied ones']	V. 316 - Ptol. = ϩⲁⲧⲣⲉ ⲁⲑⲣⲉ	MAN accent.
1;3;4	*ḥtr* Wb 3, 201.9-18 = *ḥtr ḥty* (Demotic)	**H[ô]t[è]r /** **H[ô]t[è]ï ['t' accentuated]**	tax (compulsory payment), wage	V. 315 - MK = ϩⲱⲧⲉ ϩⲱⲧ	accent *t* = ⲧⲉ *t* = ⲧ *r* = []
1;3;4	*ḥtr* Wb 3, 202.2-3 = *ḥtr* (Demotic)	**Ht[ô]r**	bind together	V. 316 - Ptol. = *ϩⲧⲱⲣ ϩⲧⲟⲣ	(v.)
1;3;4	*ḥtr* Wb 3, 202.2-3	**Ht[ô]r[è]**	tie [; harness], bind together	V. 314 - Ptol. (earlier?) = Related to ϩⲧⲱⲣⲉ 'horse [lit. the 'tied/harnessed one]	(v.)
1;3;4	*ḥtr*  Wb 3, 199.11-200.12 = *ḥty ḥtr* (Demotic)	**Ht[ô]r[è] ['r' accentuated] / Htï**	horse [lit. 'the tied/harnessed one'] (from the verb *ḥtr* 'tie') [IE = English: 'horse'?]	V. 314 - NK (XVIII) = ϩⲧⲱⲣⲉ ϩⲧⲟⲟⲣⲉ ϩⲑⲟⲣⲓ ϩⲧⲟ ϩⲑⲟ. Bedja: *hatây*.	ZOO accent.
1;3;4	*ḥtr*  = *ḥtr.w*  Wb 3, 202.1	**H[è]tr[è] ['r' accentuated]**	cord; string [lit. 'the tying thing = French 'attache']	V. 316 - MK = ϩⲉⲧⲣⲉ 'navel; umbilical cord'	TOOL accent.
1;3;4	*ḥṯs*  Wb 3, 204.13	**H[é]tch[è]s ['tch' accentuated]**	jerboa (French: 'gerboise')	V. 316 - ? = ϩⲏⲧⲥ 'unidentified animal'	ZOO *ṯ* = ⲧ

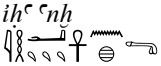
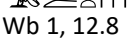
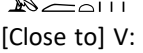
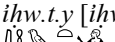
0;4;4	*ḥtt ṯs* [*ḥtt ṯs*]  Wb 3, 203.14	**Ht[è]tch[è]s ['t'and 'tch' accentuated]**	beetroot? [*Beta vulgaris*?] (red plant forbidden in Philae)	V. 317 - Ptol. = ⲭϯⲧ ⲭⲧⲓⲧ	BOT accent. foreign? *t* = ϯ *ṯ* = ⲧ *s* = []
1;3;4	*ḥty*	**H[o]t[è]ï**	instant	V. 315 - (Demotic) = ⲭⲟⲧⲉ ⲭⲟϯ also 'hour; time'	TIME *y* = []
1;3;4	*ḥty*	**H[ô]t[è]ï ['t' accentuated]**	afraid (be); fear (n.)	V. 315 - (Demotic) = ⲭⲟⲧⲉ ⲭⲟϯ ⲭⲁⲧⲉ ⲭⲁϯⲉ	(v.) accent. [ô] = ⲟ [ô] = ⲁ *ty* = ϯ *ty* = ⲧⲉ
1;3;4	*ḥtyy* [*ḥtyi* or rather *ḥyti;* scribal error?]  = *ḥt.t*  Wb 3, 203.16-17 = *ḥt.t* (Demotic)	**H[ô]ï{tè} ['t' accentuated'] /** **H[o]tch[è] /** **H[o]t[è]**	Hyena [IE = English: 'hyena']	V. 293 - OK = ⲭⲱⲓϯ ⲭⲟⲉⲓⲧⲉ ⲭⲉⲓϯ	ZOO *ti* = ⲧⲉ *ti* = ϯ
1;2;3	*ḥw* Wb 3, 46.1-48.15 = *ḥw* (Demotic)	**H[i]w[è]**	hit [IE = English: 'hit'?], strike; drive; tread	V. 317 - OK (Pyr) = ⲭⲓⲟⲩⲉ	(v.)
1;2;3	*ḥw.t* Wb 3, 49.1-3 = *ḥw* (Demotic)	**H{[ô]w}**	rain	V. 318 - OK (Pyr) = ⲭⲱⲟⲩ	ENV *w* = ⲱⲟⲩ
1;2;3	*ḥw.t-i* [*ḥ.wti*] No Wb?	**H[è]{tè}**	House man	V: 140 - Related with the ⲑⲱ of ⲛⲉⲑⲱ Nephtys '(lit. 'The Mistress of the House')	FONC
1;3;4	*ḥw3*  Wb 3, 50.6-16 = *ḥw* (Demotic)	**H{[ô]w}A / H{[ô]w}**	rotten; sad, in the blues	V. 318 - OK = ⲭⲱⲟⲩ ⲭⲟⲟⲩ 'bad'	(v.) *w* = ⲱⲟⲩ *w* = ⲟⲟⲩ *3* = []
1;4;5	*ḥwrˁ* Wb 3, 56.8-13	**H{[ô]w}r*a***	loot; make a spoil, rob [IE = English '**ro**b']	V. 318 - Neo Eg. = ⲭⲟⲩⲣⲱⲱ ⲭⲟⲩⲣⲱ	(v.) *w* = ⲟⲩ ˁ = ⲱⲱ
1;3;4	*ḥwš*	**h{[ô]w}sh**	insult; wound [intellectually]	V. 319 - (Demotic) = ⲭⲱⲯ ⲭⲟⲯ ⲭⲉⲯ	(v.)
1;4;5	*ḥwtf*  Wb 3, 56.17-57.3	**H{[ô]w}t[è]f**	steal (someone or something)	V. 319 - MK = ⲭⲱⲫⲧ ⲭⲟⲫⲧ ⲭⲱⲃⲧ [metathesis]	(v.) *w* = ⲱ *w* = ⲟ *f* = ⲃ
1;3;4	*ḥynw* [*ḥ{3y}n.w*] 	**h{o}[e]{n[ô]w}** **['n' accentuated]**	wave	V. 292 - Neo Eg. = ⲭⲟⲉⲓⲙⲉ ⲭⲟⲉⲓⲙ ⲭⲱⲓⲙⲓ	ENV {DIA} accent

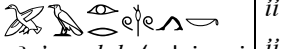
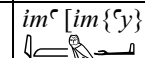
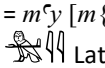
	= *h3n* [*h*{*3*[*y*]}*n* (Neo Eg.) Wb 2, 481.10-12				*3y* = {o} *n* = ⲙ
1;5;6	*ḥyrn3.t* 	**Hïr[é]nA**	Eirene (i.e. 'Greek: Εἰρήνη, Eirēnē, [eːréːnɛː], lit. "Peace")	V. 309 - Ptol. = ϩιρηνϵ ϵιρηνϵ	NAME foreign (Greek) *ḥy* =ϩι *ḥy* = ϵι [*é*] = ⲏ *3* = ϵ
1;3;4	*ḥyy*  Wb 3, 14-9-15.3	**Hï[ô]ï**	watch [; examine]	V. 291 - Neo Eg. = ϩιοι 'examine; discuss' [slight semantic shift]	(v.)
1:2;3	*ḥyy* [*ḥw*] Wb 3, 46.1-48.15 = *ḥy* (Demotic)	**H[i]w[è] [odd verb formation if correct]** H[ô]w[è]? **/** **Hï**	knock out; beat (wheat) [IE = English 'hit'?]	V. 286 - OK = ϩιογϵ ϩιογι ϩι ϩιτ ϩⲁⲧ [the latter three for the Demotic shortened alternative]	(v.) AGR *w* = ογ
1;2;3	*ḥz* Wb 3, 159.2	**H[i]z[è] ['z' accentuated]**	spin	V. 313 - OK = ϩιϲϵ ϩιϲι ϩⲁϲⲧ	(v.) accent.
1;4;5	*ḥzmn* Faulkner 178 & Wb 3, 162.11-163.2 *ḥsmn* Faulkner 178 = *ḥsmn* (Demotic)	**H[ô]z[è]mn /** **H[ô]s[è]mn /** **H[o]s[è]mn**	natron	V. 314 - OK (Pyr) = ϩοϲϵⲙ ϩοϲⲙ	MAT foreign? n = []
1;3;4	*ḥzy* Wb 3, 399.20-21	H[a?]zï	weak (person); wretch one	V. 310 - MK = Related to ϩωϲ 'weak'	MAN *y* = []
1;2;3	*ḥzy* [*ḥz*]  Wb 3, 154.2-155.25	**H[i]z[è] ['z' accentuated]** / H[ô?]z[*è*]	laudation (to make a) ; approve	V: 60 - OK (Pyr) =: ϩιϲϵ ϩωϲ?	(v.) accent. *z* = ϲ
1;1;2	*i / y* = *i* Wb 1, 25	**æ**	I, me, my, mine [IE = English 'I']	*i* survives in expressions such as ϵιχϵροκ 'I say to thee' (ϵι + χϵροκ) (V. 321) or ⲁιϲωϩ 'I + write' ((ⲁι + ϲωϩ) (V. 204). 'me' as in Coptic ⲛⲙⲙⲁⲓ 'with me' (V: 120).	PRON *i* = ϵι *i* = ⲁι
0;2;2	*i3* [{*i3*}]  Wb 1, 45.4-8	{ä}	island		LAND {DIA}
0;2;2	*i3.t* [{*i3*}.*t*] [also *i3*t?] Wb 1, 26.3-6	{ä} / {ä}t?	back, vertebral column	V. 248 - OK = ⲱⲱ ⲟⲟ ⲱⲱⲧ ⲱⲧ	BOD {DIA} *i3* = ⲱⲱ *i3* = ⲟⲟ
0;2;2	*i3b* [{*i3*}*b.t*] 	**{ä}b[è] ['b' accentuated]**	stink, bad smell (of a roten body)	V: 61 - Pyr = ϵⲓⲗⲗⲃϵ *ⲓⲁⲃϵ ⲓⲁⲃⲓ	MED {DIA} accent.

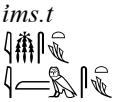
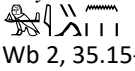
	Wb 1, 29.19				*i3* = ϵιλλ *i3* = ιλ
0;4;4	*i3b.t-y* [{*i3*}*bty*] = *i3b.t* [{*i3*}*bt*] = *i3bti* [{*i3*}*bti*] Wb 1, 30.16-31.1	**{ä}bt[*è*]ï /** **{ä}bt /** **{äbt[*è*] ['t' accentuated]**	eastern; left [IE = English 'Eastern']	V: 40 - OK (Pyr) = ϵιϵʙτ [metathesis] ϵϵιʙτϵ	CARD {DIA} accent *i3* = ϵϵι *i3* = ϵιϵ
0;2;2	*i3d* [{*i3*}*d*] = *3ty* Wb 1, 35.9-12	**{ä}d[*è*] /** **Atï**	suffer; to make suffer; miserable (to be); torture	V. 156 - NK = Related to ooт 'groan; snort'	(v.) {DIA} *i3*⇔*3*
***0;3;3**	*i3di* [{*i3*}*di*]  Wb 1, 35.7	**{ä}dæ**	Lady (myth. site of purification) [IE = English '**l**a**dy**', German '**Jadi**']		TITL {DIA} accent
0;2;2	*iᶜf* [{*iᶜ*}*f*] = ᶜᶜ*f* [{ᶜᶜ}*f*]  Wb 1, 41.3-4	**{õ}f[*è*] ['f' accentuated] /** **{ā}f**	wring out, twist, re-twist (laundry or clothes) (French: 'retordre'); press (grapes)	V. 252 - MK = ϣϥ ϣϥϵ ϣϥι ϵϥ oϥ	(v.) {DIA} *i*ᶜ = ϣ {õ} = ϣ {ā} = ϣ *i*ᶜ ⇔ ᶜᶜ
0;3;3	*i3f* [{*i3*}*ft*] Wb 1, 31.15 = ᶜ*fd* (NK) Wb 1, 183.14	**{ä}fd /** ***a*fd**	nail [, claw]; peg [see also *3b/y3b*]	OK (Pyr) = ϵιϥτ ϵϥτ ιϥτ [*λϥτ?] ϣϥτ oϥτ 'nail with large head'	{DIA} *i3* = ϵι *i3* = ϵ *i3* = ι *i3* = ϣ *i3* = o *i3* ⇔ ᶜ
0;2;2	*iᶜḥ* [{*iᶜ*}*ḥ*] Wb 1, 42.7-9 = *iᶜḥ* [{*iᶜ*}*ḥ*] (Demotic)	**{õ}H**	moon [IE = English: m**oo**n']	V: 69 & 156 - MK = ϵϣϩ ιϣϩ ιοϩ ooϩ ϫϫϩ	ASTR {DIA} *i*ᶜ = ϵϣ *i*ᶜ = ιϣ *i*ᶜ = ιο *i*ᶜ = oo *i*ᶜ = ϫϫ
0;2;2	*i3k.t* [{*i3*}*ḳ.t*] = *iwḳ.t* [{*iw*}*ḳ.t*] Wb 1, 34.1-2	**{ä}q[*è*] /** **{è}q[*è*]**	leek (*Allium porrum* L.) [IE = English: '**leek**'?]	V: 56 - NK? =: нбϵ нхι	BOT {DIA} *i3* = н *iw* = н *ḳ* = ϫ *i3* ⇔ {*iw*}
1;3;4	*i3rr.t* [{*i3*}*rr.t*] Faulkner, 9 = *3lly* (Demotic)	**{ä}r[ô]r[*è*]** {ä}r[a]r[*è*]? **['r' accentuated] /** **Al[o]lï or Al[a]lï?**	vine; grape, grape seed [IE = Armenian խաղողի որթ 'khaghor']	V: 41 - OK = ϵλλλϵ ϵλοολϵ ϫλλλλι ϫλολι	BOT {DIA} accent *i3* = ϫ *i3* = ϵ *r* = λ

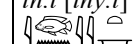
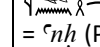
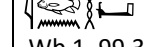
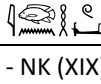
0;2;2	*i3s* [{*i3*}*s*] Wb 1 33.9	**{ä}s**	Hathor priest or similar function [lit. 'bold [one]']	V. 237 - MK? = ⲟⲩⲥ	REL {DIA} *i3* = ⲟⲩ
0;2;2	*i3s* [{*i3*}*s*] = *is* Wb 1 33.8	**{ä}s /** **æs**	bold (to be)	V. 237 - MK = ⲟⲩⲥ	(v.) MED {DIA} *i3* = ⲟⲩ *I* = ⲟⲩ *i3* ⇔ *i*
0;2;2	*i3š* [{*i3*}*š*] Wb 1, 227.4-13 = *ᶜš* = *ᶜš* (Demotic)	**{ä}sh /** ***a*sh**	call [IE = English: 'shout'?]	V. 251 - MK = ⲱⲯ ⲉⲯ ⲯ	(v.) {DIA} *i3* = ä *i3* = ⲱ *i3* = ⲉ *i3* = [] *i3* ⇔ *ᶜ*
1;2;3	*i3w* [{*i3*}*w*] = *i3* [{*i3*}] (OK) = *iw* = {*iw*}*y* [{*iw*}*y*] Wb 1, 28.1-6 = *3wy* [{*3w.y*}] (Demotic)	**{ä}{[ô]w}/** **{ä}[o] /** **æ{[ô]w} /** **{è}[o]wï /** **{Au}ï**	glory, glorification [lit.: 'greatness'? As in Egyptian Arabic 'awi' 'great; a lot'' from the root verb: *i3i* {ä}[o]i 'to praise' = OK {ä}[o] {*i3*}*w tw* {ä}{[ô]w}=t{[ô]w} 'may you be glorified [made great?]'	V: 48 - ? = *ⲉⲱⲟⲩ ⲉⲟⲟⲩ ⲉⲁⲩ ⲱⲟⲩ	ABS {DIA} *i3* = ⲉ *i3* = [] *w* =ⲱⲟⲩ *w* = ⲟⲟⲩ *w* = ⲁⲩ *i3* ⇔ *i* ⇔ {*iw*} ⇔*3*
0;2;2	*i-3w* [*i-3y?*]	**æ-{o}**	give; bring; come	V: 18 - (Demotic) = ⲁⲩⲉⲓ [metathesis? = ⲉⲓⲁⲩ] ⲁⲩ ⲁⲩⲉ	(v.) {DIA}
1;2;3	*i3ḫw* [{*i3*}*ḫ.w*] = *iḫ.w.t* = *3ḫ* Wb 1, 33.3-5	**{ä}[a]kh /** **æ[a]kh /** **A[a]kh**	light, sun light, sunshine, radiance (of sun)	V: 69 - MK = ⲉⲓϩϩ ‘light, ray, splendour’	ASTR {DIA} *i3* = ⲉⲓ *i* = ⲉⲓ *3* = ⲉⲓ *ḫ* = ϩ *i3* ⇔ *i* ⇔ *3*
1;2;3	*iᶜy* [{*iᶜ*}] = N.K. (XVIII) = *iᶜ* [{*iᶜ*}] (Neo-E.) Wb 1, 39.2-17	**{õ}**	wash	V: 60 - OK (Pyr) = ⲉⲓⲁⲁ ⲉⲓⲁ ⲓⲁ ⲉⲓⲏ	(v.) schw {DIA} *iᶜ* = ⲉⲓⲁⲁ *iᶜ* = ⲉⲓⲁ *iᶜ* = ⲓⲁ *iᶜ* = ⲉⲓⲏ
0;2;2	*ib* Wb 1, 59.10-60.11 = *ib* (Demotic)	**æb**	heart [IE = English 'h**ear**t'?]	V. 243 - OK (Pyr) = ⲩⲃ	BOD *i* = ⲩ
0;3;3	*ibḥ* Wb 1, 64.2-4	**æbH[è] / AbH** [‘H’ accentuated]	tooth; tusks (of elephant)	V. 154 - OK (Pyr) = ⲁⲃϩⲉ ⲟⲃϩⲉ	ZOOP accent

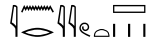
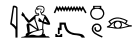
	= *ȝbḥ* (Demotic)				*i* = ⲁ *i* = ⲟ
0;3;3	*ibnw* [*ibn.w*] Wb 1, 63.8 =  Faulkner, 15 = *ȝbn* (Demotic)	**æbn /** **Abn**	alum? (a mineral substance) [most likely this substance] [IE? French 'alun', with b=l shift?]; vitriolic salts (TLA)	V. 154 - 2nd Intermediate Per. = ⲱⲃⲉⲛ ⲟⲃⲛ	MAT *i* = ⲱ *i* = ⲟ *ȝ* = ⲱ *ȝ* = ⲟ *i* ⇔ *ȝ*
1;3;4	*iby* = *bi.t / byy.t* Wb 1, 434, 1-5	**æby[o]**	honey	V: 38 - (Demotic) = ⲉⲃⲓⲟ Pl. ⲉⲃⲓⲟⲟⲩⲉ [èbiowè]	AGR *i* = ⲉ
0;2;2	*iby* [*ib*] Wb 1 61. 8-10 = *ȝby* / *iby* (Demotic)	**æb[è] /** **Abï / æbï ['b' accentuated]**	thirsty (to be)	V: 61 - ? = ⲉⲓⲃⲉ ⲓⲃⲓ ⲟⲃⲉ ⲟⲃⲓ	(v.) accent *i* = ⲉⲓ *i* ⇔ *ȝ*
1;2;3	*id* = *it* Wb 1, 151.8-11	**æd /** **æ{tè} ['d' or 't' accentuated]**	child (male), youth	V: 122 – OK = ⲓⲱϯ ['should be a word for child' CERNY (ED 122)]	MAN accent. *i* = ⲓⲱ *d* = ϯ *t* = ϯ
1;2;3	*id.t* = *i3d.t* [{*i3*}*d.t*](NK) Wb 1, 36.1-7 = *yd.t* (Ptol.) = *y't.t yt.t* (Demotic)	**æ[ô]d[è] /** **{ä}[ô]d[è] /** **y[ô]d[è] /** **yAt[è] [accentuated 't']**	dew; divine dew; divine force; scent; rain (pouring)	V: 68 - OK (Pyr) = ⲉⲓⲱⲧⲉ ⲓⲱϯ	ENV {DIA} accent. *i3* = ä *y* = ⲓ *d* = ⲧ *d* = ϯ *i* ⇔ *i3* ⇔ *y*
1;3;4	*i-ḏd* Wb 5, 618.9-625.2	**æ-dj[ô]d**	say! Constructed as in Coptic expressions such as ⲉⲓⲭⲉⲣⲟⲕ 'I say to thee' (ⲉⲓ + ⲭⲉⲣⲟⲕ) (V. 321)	V: 2 - Neo-Egyptian = [*ⲁⲭⲱⲧ] ⲁⲭⲟⲧ ⲁⲭⲱ ⲁⲭⲟ ⲁⲭⲓ	(v.) imp *i* = ⲁ *d* = ⲧ
0;3;3	*idr*  Wb 1, 154.17	**ædr[è] ['r' accentuated]**	plaster (French: 'pansement'); seam (surgical)	V: 48 - 2nd Int. Per. (Dyn. XVI-XVII) = ⲉⲧⲣⲉ	MED accent. *i* = ⲉ *d* = ⲧ
0;2;2	*if* = {*iw*}*f* Dyn. 18 = {*iw*}*f* (Demotic) Wb 51.14 - 52.5	**æf /** **{è}f**	flesh; meat [IE = '**fle**sh' English]	V: 21 - OK? = ⲁⲁϥ ⲁϥ ⲉϥ	BOD {DIA} *i* = ⲁ {*iw*} = ⲉ *i* ⇔ {*iw*}
0;3;3	*ifd.t*  Wb 1, 71.5-8	**æfd[è] ['d' accentuated]**	four (of a kind) [not to be confused with the numeral 'four']	V: 21 - NK or earlier = ⲁϥⲧⲉ	NUM accent. *i* = ⲁ

-	*i-fḳ3* [*i*[*i*]-*fḳ3*] TLA: Cerný, CED 266	**æ-f[ô]qA**	out, quick! (or similar)	V. 281 - ? = Related to ⲕⲱⲥⲉ ⲕⲉⲥ ⲕⲉⲭ ⲕⲱⲭⲓ 'jump, run'	(v.) *ḳ* = ⲥ
1;3;4	*igp* Wb 1, 140.20-21 = *gp* 'rain shower [; cloud?] = *gp.t* (Demotic)	**æg[é]p[*é*] /** **g[é]p[*é*] ['p' accentuated]**	cloud (filled with water)	V. 345 - OK (Pyr) = ⲟⲛⲡⲉ	ENV accent. *i* = []
0;2;2	*iḥ* Faulkner, 28 & Wb 1, 119.15-120.4	**æh[è] ['h' accentuated]** plur: *æh{[ô]w} / *æh{[ô]{oo}}	ox; cattle	V: 42 - OK (Pyr)? = ⲉⲩⲉ Plural ⲉⲩⲟⲟⲩ & V: 50 - ? = ⲉⲩⲉ [plural form:] ⲉⲩⲟⲟⲩ ⲉⲩⲉⲩ. See also ⲡⲉⲧⲡⲏⲩ ⲡⲉⲧⲡⲉⲩ 'Atfih' = *Pr nb.t tp iḥ.w* House of the Mistress of *Tepihou*.	ZOO accent *i* = ⲉ *w* = ⲟⲟⲩ *w* = ⲉⲩ
1;2;3	*iḥ.t* Wb 1, 121.4-6 = *iḥy* (Demotic) = *iḥ.w*	**æH[i]**	stable (of the king and of his soldiers)	V. 156 - NK= ⲁⲩⲓ ⲟⲩⲓ ⲉⲓⲁⲩ ⲓⲟⲩⲓ ⲟⲟⲩⲉ 'enclosure (for animals); herd'.	HAB *i* = ⲁ *i* = ⲉ *i* = ⲉⲓ
-	*iḥᶜnḥ*  No Wb?	**æH*a a*nkh**	phallus [lit. 'flesh of life, perhaps 'life member']	V. 287 - ? = ⲟ	BOD
1;3;4	*ihm* Wb 1, 118.20-22 = *ȝhm.t* (NK)  Wb 1, 12.8	**æh[ô]m /** **Ah[o]m**	mourn; suffer	[Close to] V: 22 - MK = ⲁⲩⲟⲙ 'sigh' [close to  'pain '] [Close to] V: 22 - Dyn. 18 = ⲁⲩⲟⲙ 'sigh' [close to 'mourn']	(V.) ONO ALT *i*⇔*ȝ*
1;5;6?	*iḥw.t.y* [*ihwty*]  No Wb?	æH{[ô]w}tï	field worker [lit. he of the field]	V: 69 = Related to ⲉⲓⲱⲩⲉ ⲉⲓⲁⲩⲟⲩⲉ ⲉⲓⲁⲩⲟⲩ	PRO LAND *t* = []
0;1;1	*ii* Wb 1, 37.29-30 = {*iw*} Wb 1, 44.1-45.6 = *iy* (Demotic)	**æ /** **{è}**	come [IE = 'eir' Latin]; return	V: 59 - OK =: ⲉⲓ (*Ỉimḥtp* [*Æ-m-ḥtp*]	(v.) {DIA} *ii* = ⲉⲓ *ii* ⇔{*iw*} ⇔*iy*
0;2;2	*ii* [*y*] Wb 1, 36.12-13 = (Demotic)	**ï! [pronounced 'ey!]**	Hey! (interjection)	V: 52 - ? = ⲏⲓ!	INTERJ *y* = ⲏⲓ

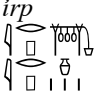
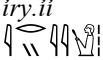
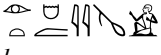
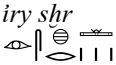
1;2;3	*ii3* [*y3*] Wb 1, 25.8	yA?	really [?, interj.], so, so long as, except	V: 60 - ? =: ⲉⲉⲓⲉ ⲉⲓⲉ [metathesis; see also *iy3*]	Interj *y* = ⲓ *3* = ⲉⲉ
-	*i-inn* [*i-iny*] Wb 1, 90.2-91.10	**æ-n[i]n[*è*] ['n' accentuated]**	bring! (imp. of *iny*)	V: 13 - ? = ⲁⲛⲓⲛⲉ	(v.) imp accent. *i* = ⲁ
0;2;2?	*i-ir* [*i*[*i*]-*ir*] 	**ær**	[Auxiliary for past = the one/he who has done this = past prefix]	V: 45-46 - Late = ⲁⲣ ⲉⲣ ⲣ  *p3 ir wḏ=k* 'celui qui t'a envoyé' = ⲛⲧⲁⲕ ⲉⲣⲧⲛⲛⲁⲩⲧ 'c'est toi qui m'a envoyé'.	(v.) *ii* = æ *ii* = ⲁ *ii* = ⲉ
-	*i-iry* Wb 1, 108.5-112.11	**ærï!**	do!	V: 15 - Neo Egyptian= ⲁⲣⲓ	(v.) imp *i* = ⲁ
1;2;3	*i-m*	**æ-m[ô]**	come! [Imp.]	V: 2 - (Demotic) = ⲁⲙⲟⲩ	(v.) *i* = æ
1;3;4	*imʿ* [*im*{ʿ*y*}]  New Kingdom =*iwmʿy* [{*iw*}*m*{ʿ*y*}] Ptolemaic = *mʿy* [*m*{ʿ*y*}]  Late = *my* [*m*{ʿ*y*}] (Demotic) Old Kingdom Wb 1, 76.14-77.2	**æm*a* /** **{è}m{õ}** or digraph? **/** **m{õ}** or digraph? / **[*e*]m{õ}** **['m' accentuated wherever positioned]**	Give! (Irregular imperative of *rdi* =)	V: 103 & 119 – MK onwards [the OK forms seem to correspond to a non-irregular imperative form = *i-rdi* or *i-di*]. = ⲙⲁⲓ ⲙⲟⲓ ⲙⲁ irregular imperative of ϯ 'give'	(v.) imp schwa accent {DIA} *i* = [] *i*⇔ {*iw*}
1;3;4	*i-mḥ mḥ* Wb 2, 119.5-18 = *imḥt* (Demotic) = *3mḥt* (Demotic) =*mḥ* (Demotic)	**æm[a]h[*è*] /** **æm[a]ht[*è*] / Am[a]ht[*è*] / [a]m[a]h[*è*] ['t' and 'h' accentuated]**	hold, seize, grab	V: 11 - ? = ⲁⲙⲁϩⲉ ⲁⲙⲁϩⲧⲉ ⲉⲙⲁϩⲧⲉ	(v.) accent; *3* = ⲁ *i* = ⲉ *i* = æ
1;3;4	*Ỉmn* Wb 1, 84.15-85	**Æm[ô]n** Æm[oo]n?	Amon	V: 10- OK (Pyr) = ⲁⲙⲟⲩⲛ. Also perhaps ⲉⲙⲟⲩⲛ from ⲡⲉⲣⲉⲙⲟⲩⲛ 'Pelusium' = ? *P3 iry 3mn* 'The house made by Amun' (V. 164).	GOD *i* = ⲁ *i* = ⲉ
0;3;3	*imn* Wb 1, 85.11-14	**Æmn**	right, right hand side	V: 44 - OK (Pyr) = Related to ⲉⲓⲙⲛⲧ ⲉⲙⲛⲧ ⲉⲙⲉⲛⲧ 'west' as considered on the right hand side.	CARD *i* = ⲉⲓ *i* = ⲉ

0;4;4	*ʾImn.t.t* [*ʾImnt.t*] Wb 1, 87.1-13	**Æmnt[è] ['t' accentuated]**	West (Amenta)	V: 11 - OK? = ⲁⲙⲛⲧⲉ ⲁⲙⲉⲛⲧ ⲉⲙⲛⲧⲉ	GEO REL accent. *i* = ⲁ *i* = ⲉ
0;5;5	*imn.t.y* [*imnty*] Wb 1, 86.15-19	**æmntï / æmnt**	west; western	V: 43 - NK = ⲉⲓⲙⲛⲧ ⲉⲙⲛⲧ ⲉⲙⲉⲛⲧ	CARD *i* = ⲉⲓ
-	*ʾImn-ḥtpw* LÄ I, 219-220 (TLA)	**Æm[è]nh[ô]tp**	Amenhotep	V. 163 - NK? = Extrapolated from ⲡⲁⲣⲙϩⲟⲧⲡ [metathesis] ⲫⲁⲙⲉⲛⲱⲑ 'Phaménoth' = the 7th month of the Coptic calendar in honour of Amenhotep divinised.	NAME *n* = [] *i* = ⲁ
1;3;4	*ims.t*  Wb 1, 88.9 = *ȝmys* (Demotic)	**æm[i]s[è] /** **Amïs[è] ['s' accentuated]**	dill (*Anethum graveolens*)	V: 43 - NK = *ⲁⲙⲓⲥⲉ ⲁⲙⲓⲥⲓ ⲉⲙⲓⲥⲉ	BOT accent. *i* = ⲁ *i* = ⲉ *i* ⇔ *i*[*i*] ⇔A
0;5;5	*imsḳȝ.w* [*imsḳ{ȝw}*] Wb 1, 88.10	**æm[è]sk{Au}**	fish (type of - 'brème' or 'muge')	V: 43-44 - NK = ⲉⲙⲉⲗⲕⲉ	ZOO {DIA} foreign? *i* ⇔ *i*[*i*] *i* = ⲉ *ȝ* = ⲉ
1;3;4	*i-my* = *mi* Wb 2, 35.8-14 = *mi* [*miy*] (Neo Egyptian) = *ʿmw.t* [*ʿmi*] (Neo E.)	**æm[é]ï /** **[*e*]mæ /** ***a*mæï /** ***a*mæ**	Come! (Imp. singular) [French: 'viens']	V: 9 - OK = ⲁⲙⲟⲩ ⲉⲙⲟⲩ· Plur: ⲁⲙϩⲉⲓⲛⲉ ⲁⲙϩⲉⲓⲛ ⲁⲙⲱⲓⲛⲉ ⲁⲙⲱⲓⲛⲓ	(v.) imp
-	*imy-ir* 	**æ{mè}-ærï**	let [French 'fasse']	V: 119 – Late? = ⲙⲁⲣⲉ	(v.) imp *i* = []
-	*i-my-n*  Wb 2, 35.15-17	æ-m[ô]ï	go - Let's [Allons[-nous!]]	V: 9 - Neo Eg. = ⲁⲙⲟⲓⲛⲓ / ⲁⲙⲟⲓⲛⲓ	(v.) imp
1;2;3	*in.t* Wb 1, 93.2-14	æ[ô]n[è]?	valley of desert, desert valley	V. 159 - OK (Pyr) = Extrapolated from ⲡⲁⲱⲛⲉ ⲡⲁⲱⲛⲓ 'Paônè' = 'This one of the valley'	ENV *i* = ⲉ [*è*] = ⲓ

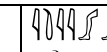
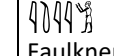
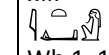
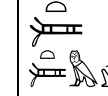
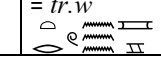
				= Tenth Month of the Coptic Calendar	
1;3;4	*in.t* [*iny.t*]  Wb 1, 93.15	**æ[ô]nï**	water spread of the nome of Arabia	V. 160 - Ptolemaic = Related to ⲡⲁⲱⲛⲉ	LOC *ii* = ⲉ
0;4;4	*inbȝ* Wb 1, 96.2	**ænbA**	deaf, mute (to be)	V: 118 – NK (Dyn. XVIII) = ⲏⲙⲡⲱ ⲙⲡⲟ ⲉⲃⲟ	(v.) MED *i* = ⲏ *n* = ⲙ *b* = ⲡ *ȝ* = ⲱ
1;3;4	*inḥ* Wb 1, 99.3-13	**æn[ô]H**	surround	V: 14 - NK = ⲁⲛⲁϩ 'surround" (n., weaving term)	(v.) *i* = ⲁ [ô] = ⲁ
0;3;3	*inḥ*  = *ʿnḥ* (Ptol.) Wb 1, 99.1-2	**ænH /** ***ɑ*nH**	eyebrows [lit. what encircles? *inḥ*]	V: 44 & 151 - Late = ⲉⲛϩ ⲛⲟϩ	BOD *i* = ⲉ *i* ⇔ ʿ
0;3;3	*inḥ*[*w*]  Wb 1, 99.3-13	**ænH**	circle a wall (of its rays); surround (enemies), enclose; border	V: 44 - NK = ⲉⲛϩ	(v.) *i* = ⲉ
1;3;4?	*inḥw* Wb 1, 99.14	æn[a?]H	frame of an image; border	Neo Egypt. = Related to ⲁⲛϩ ⲟⲛϩ 'court; closed surrounding' (V. 155 - XVIII) and  'surround'	TOOL *i* = ⲁ
1;3;4	*inm* = *inw* [Plur.?] Wb 1, 52.10-18	**æn[o]m /** æn[o]m[*è*]? accentuated 'm' by duplication?] / **æ{n[ô]w[*è*]}** [Plural form used as substantive?]	colour	- NK (XIX) = ⲁⲛⲟⲙ	COL accent. duplic? *i* = ⲁ
1;3;4	*in-m* = *inmʿ* = *ny-m* [*ny-mʿ*] Wb 1, 96.11-13	**æn[i]m / æn[i]{m*è*} / nïm / nïm*æ***	who; what (prep.)	V: 142 - OK (Pyr) = ⲛⲓⲙ	PRON *i* = []
1;3;4	*inn* Wb 1, 97.5-6 = *inn* (Demotic)	**æn[o]n**	We [nous] - Our (French: notre)	V: 13 - [Late] = ⲁⲛⲟⲛ ⲁⲛⲁⲛ. See also *n* = [i]n[i]	PRON *i* = ⲁ
0;2;2	*inn* TLA = Meeks, AL 77.0340	**æn[*è*] ['n' accentuated by duplication?]**	if [IE = English unless?]	V: 13 - ? = ⲁⲛⲛⲉ 'unless?'	COND duplic. *ii* = ⲁ
1;4;5	*innk* Wb 1, 97.10-11	**æn[ô]nk** æn[oo]nk?	conyza? (*Erigeron viscosum* L.)	V: 44 - NK = ⲉⲛⲟⲩⲛⲅ ⲉⲛⲟⲩⲕ ⲉⲛⲅ	BOT foreign? *i* = ⲉ
1;4;5	*Ỉnpw* [*Ỉnwp*] 	**Æn{[ô]w}p [stylistic grouping] *Æn[oo]p**	Anubis	V: 13 - OK (Pyr) = ⲁⲛⲟⲩⲡ	GOD *i* = ⲁ

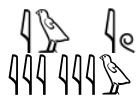
	Wb 1, 96.7				*w* = ⲟⲩ
0;3;3	*inr* = *in* Wb 1, 97.12-98.6 = *iny* (Demotic) Plur.: *inry.w.t* 	**ænr /** **æn /** **ænï** **Plur.: ænrï{[ô]w[*è*]}**	stone	V. 249 - OK = ⲱⲛⲉ. See also *ʿr*.	MAT *i* = ⲱ *r* = []
1;3;4	*inw* Wb 1, 92.8	**æn[ô]w[*è*]** **[*è* is here not an accentuation but part of the plural]**	example, model [lit. things brought [together]?] [TLA corrects the meaning as ' messenger; supplier; bearer' (Wb 1, 91.19-92.1) but there seems to be two distinct words]	V: 64 - OK = ⲉⲓⲛⲉ ⲓⲛⲓ	ABS *i* = ⲉⲓ
1;3;4	*i-nw*  Wb 2, 218.3-16	**æ-{n[ô]w}**	look!	V: 2 - Neo-Egyptian = ⲁⲛⲁⲩ	(v.) imp *i* = ⲁ *w* = ⲁⲩ
0;2;2	*iny* [*in*] Wb 1, 90.2-91.10 = *in* (Demotic)	**æn[*è*]** **['n' accentuated]**	bring; get; reach; buy	V: 64 - OK (Pyr) = ⲉⲓⲛⲉ ⲉⲛ ⲓⲛⲓ	(v.) accent *i* = ⲉⲓ *i* = ⲉ *i* = ⲓ
0;2;2	*ip* Wb 1, 66.1-13 = *ip* (Demotic)	**æp**	count (to)	V: 14, 155 & 250 - OK (Pyr) = ⲉⲡ ⲱⲡ ⲟⲡ = Related to ⲟⲉⲓⲡⲉ ⲱⲓⲧⲓ = 'Measure for fruits'	(v.) MATH accent. duplic. *i* = ⲉ *i* = ⲟ *i* = ⲱ
0;2;2	*ip* Wb 1, 66.1-13	æp? / æp[è?]	count	V. 155 - OK (Pyr)	(v.)
0;2;2	*ip.t* Wb 1, 68.2	**Æp[*è*]** **['p' accentuated]**	Luxor temple	V. 161 - NK (earlier?) = Extrapolated from ⲡⲁⲁⲡⲉ ⲡⲁⲁⲡⲓ ⲡⲁⲟⲡⲉ ⲡⲁⲟⲫⲓ 'The month of Paopi' = The second month of the Coptic calendar as well as *pn ip.t* ' Wb 1, 68.6	LOC *i* = ⲁ *i* = ⲟ *i* = ⲱ *p* = ⲫ [*è*] = ⲉ [*è*] = ⲓ
1;3;4?	*ip.t* Wb 1. 66.22-24 = *ip.t* (Demotic)	æp[è] ['p' accentuated?]	number	V: 53 - OK =: [*ⲏⲡⲉ] ⲏⲡⲓ	NUM *i* = ⲏ

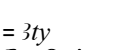
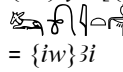
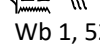
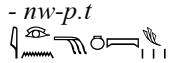
1;2;3	*ip.t* = *ipy.t iyp.t* (Demotic) Wb 1, 67.6-11	**æp[è] /** **ipï**	oipe = measure for fruits (French: 'boisseau') [lit (a) count?]	V. 155 - NK (Dyn. XVIII) = ⲟⲉⲓⲡⲉ ⲱⲓⲡⲓ	MATH *i* = ⲟⲉⲓ *i* = ⲱⲓ
0;3;3	*ipȝ* Wb 1, 68.13-14	**æpA**	red pigment or dye (*Rubia*/Madder (TLA)?)	V: 14 - ? = ⲁⲡⲉⲓ	BOT? MAT *i* = ⲁ *ȝ* = ⲉⲓ
0;4;4	*ipip* Wb 1, 69.4	**æpæp**	Month No. 3 of summer season	V: 45 - ? = ⲉⲡⲏⲡ 11th month of Coptic calendar = Epiphi = Greek influence: ⲉⲡⲏⲫ ⲉⲡⲉⲓⲫ	CAL *i* = ⲉⲓ *i* = ⲉ *p* = ⲫ *i* = ⲏ
0;3;3	*ipn* = *{iw}pn* = *{iw}pn,w* Wb 1, 69.13	**æpn /** **{è}pn /** **{è}p{n[ô]}w[*è*] [Plur]**	these, this (emphatic as in French 'ce (jour)-çi'.)	V: 66 - OK (Pyr) = ⲉⲓⲡⲛ as in ⲙⲫⲁϒ ⲉⲓⲡⲛ 'this day" = *m hrw ipn*	DEM {DIA} *i* = ⲉⲓ *{iw}* = {è} *{iw}* = ⲉⲓ *i* ⇔ *{iw}*
1;3;4	*ipt* Wb 1, 69.17	**æp[o]t**	cup (n.) (French: bêcher) [IE = 'pot' English?]	V: 15 - Greek = ⲁⲡⲟⲧ ⲁⲫⲟⲧ	TOOL *i* = ⲁ *p* = ⲫ
1;3;4	*iḳdw* [*iḳd.w*] Wb 1, 138.20 See also *ḳd*	**æq[ô]d[è]** **[accentuated 'd']**	mason	V: 40 - OK (Pyr) = ⲉⲕⲱⲧ ⲉⲕⲟⲧⲉ ⲉⲕⲁⲧ as in '**ⲡⲛⲁⲟ ⲛⲉⲕⲟⲧⲉ**' 'The Great Architect' (also '**ⲡⲛⲁⲟ ⲛⲁⲣⲭⲓⲧⲉⲕⲧⲱⲛ**)'.	PRO accent. *ḳ* = ⲕ *d* = ⲧ
0;3;3	*iḳm* [*ikm.w*] Wb 1, 136.18 = *iḳm* (Demotic)	æqm	sadness	V. 249 - OK (Pyr) = Related to ⲱⲕⲙ ⲱⲕⲉⲙ 'be sad; be morose'	(v.) *i* = ⲱ
0;3;3	*ir* [*iry*] Wb 1, 103.18-105.4	**ærï**	belonging to; pertaining to (prep.)	V: 54 - OK (Pyr.) =: ⲏⲣ	PREP *i* = ⲏ *y* = []
-	*ir ḫn*	**ær kh[a]n**	If (conditional particle)	V: 46 - (Demotic) = ⲉⲣⲯⲁⲛ ⲁⲣⲉⲯⲁⲛ	COND *i* = ⲉ *i* = ⲁ *ḫ* = ⲯ
1;2;3	*ir.t* Wb 1, 106.6-107.20 = *ir.t / yr.t* (Demotic)	**æ[i][è]r / i[æ]r[è]**	eye [IE = 'eye' English]	V: 60 & 66 - ? = ⲉⲓⲉⲣ ⲓⲉⲓⲣⲉ [methathesis] ⲉⲓⲁ ⲉⲓⲁⲁⲧ. See also V: 29 – Late Period = ⲉⲓⲉⲣⲃⲟⲟⲛⲉ ⲓⲉⲣⲃⲟⲛⲓ	BOD *i* = ⲉⲓ

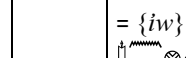
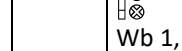
				'bad eye' = ⲉⲓⲉⲣ + ⲃⲟⲟⲛⲉ 'bad' = metathesis: ⲃⲁⲛⲓⲉⲓⲣⲉ (ⲃⲁⲛ + ⲓⲉⲓⲣⲉ) = ⲙⲛⲧⲃⲁⲛⲉⲓⲉⲣⲉ	
0;3;3	*irp*  Faulkner, 28 & Wb 1, 115.5-8 = *irp* (Demotic)	**ærp**	wine	V: 54 - OK (Dyn. II) =: ⲏⲣⲡ (Old Nubian = ⲟⲣⲡ)	FOOD *i* = ⲏ
1;3;4	*irr* No Wb?	**ær[i]r[*è*] ['r' accentuated]**	do!	V: 66 - ? = ⲁⲣⲓⲣⲉ ⲁⲣⲓ	(v.) imp accent. *i* = ⲁ
1;3;4	*irṯ* Faulkner, 28 = *irt* (NK) Faulkner, 28 & Wb 1, 117.1-5	**ær[ô]tch /** **ær[ô]t**	milk	V: 46 - OK (Pyr) = ⲁⲣⲱⲧ ⲉⲣⲱⲧ ⲉⲣⲱⲧⲉ	MAT AGR *i* = ⲁ *i* = ⲉ *ṯ* = ⲧ
1;3;4	*iry* Wb 1, 105.6-7 = *ir* (Demotic) = plural *iry.w* *iry.ii*  [sic!]	**ær[é]ï /** **æræ /** **ær[*è*]** **plural:** **ærï{[ô]w[*é*]}** **ærï{oo[*é*]}**	comrade, friend	V: 46 & 54- ? = ⲏⲣ Plural [used as substantive?]: ⲁⲣⲏⲟⲩ ⲁⲣⲏⲩ ⲉⲣⲏⲟⲩ ⲉⲣⲏⲩ	MAN *i* = ⲏ *i* = ⲁ *i* = ⲉ *y* = ⲏⲟⲩ *w* = *ii*
0;3;3	*iry* [*ir*] Wb 1, 108.5-112.11 = *ir* (Demotic)	**ærï/ ær[*è*]** **['r' accentuated] / ær**	do, make; many derivative verbs [IE = Armenian 'ara' in 'mi-ara' do not do = '*m iry*' [m[V] + ærè] 'do not do' = ⲙⲡⲟⲣ ⲙⲫⲟⲣ]	V: 66 & 220 - OK? = ⲉⲓⲣⲉ ⲉⲣ ⲁⲣⲓ ⲁⲣⲓⲣⲉ ⲓⲣⲓ. Also survived in the expression ⲣ̄ⲉⲙⲙⲉ or ⲉⲣⲉⲉⲙⲓ 'be driven' i.e. 'make drive' =  *ir.t ḥmy*	(v.) accent *i* = ⲉⲓ
-	*iry* ʿ3 [*iry* {ʿ3}] Wb 1, 104.3	**ærï-{*â*}**	doorkeeper	V: 15 - NK (earlier?) = ? ⲁⲣⲁ 'door ring"	PRO *i* = ⲁ
-	*iry sḫr*  Wb 1, 260.5-12 [see also *sḫr*] = *ir sḫy* (Demotic)	**ær-s[*è*]kh[i]r / ær-skhï**	plans (to execute); take dispositions; to take care	V: 46 - OK = ⲉⲣⲯⲓⲯⲓ	(v.) *i* = ⲉ *ḫ* = ⲯ
0;2;2	*is* 	**æs /**	Thus (in the sense of French: 'voici' in affirmative sentences) [IE? = Armenian այսպես	V: 67 - NK (earlier?) = ⲉⲓⲥ ⲓⲥ	ENCL *i* = ⲉⲓ

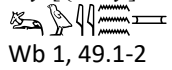
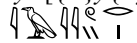
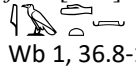
	Wb 1, 130.9-13 =*ʿs ỉs* (Demotic)	***a*s**	'aisbès', French: 'ainsi']		*i* = ⲓ
0;2;2	*ỉš* =*š3y* [*š*{*3y*}]	**æsh /** **[è]sh{o}**	sow [IE = English 'sow']	V: 49 - (Demotic) = ϵⳉ = ϵⳉⲁϒ ϵⳉⲟ	ZOO {DIA} *3y* = ⲁϒ *3y* = ⲟ
0;3;3	*ỉsḳ* Wb 1, 133.6-12 = *ỉsk ʿsk* also 'late (be)' (Demotic)	**æsk /** **ask**	hesitate [also: late?]; linger; wait; hold back	V. 251 - NK = ⲱⲥⲕ also 'be late'. ϵⲥⲕⲓ 'delay' (French: 'retard')	(v.) *i* = ⲱ
1;4;5	*ỉssi* No Wb?	**Æs[oo]sæ** Æs[ô]sæ?	Isesi (name of pharaoh - Vth dyn. and 11th?) = Æsôsæ	V: 17 - Vth dyn. = ⲁⲥⲟⲟⲥϵ	NAME *i* = ⲁ *i* = ϵ
1;3;4	*ỉsw* Wb 1, 131.2-10 = *ỉswy.t* (Demotic) also 'reward' and 'receipt'	**æs{[ô]w} / æs{[ô]w}ï**	salary, compensation [reward?]; equivalent	V: 16 - OK = ⲁⲥⲟ	TOOL *i* = ⲁ *w* = []
1;3;4	*ỉsw.t* Ptolemaic Wb 1, 131.12) = *3sw3.t* (Demotic)	**æsw[è]**	burse; testicular	V: 17 - Ptolemaic = [*ⲁⲥⲟϒϵ] ⲁⲥⲟϒⲓ	BOD *w* = ⲟϒ *3* = ⲓ
1;4;5	*ʾIšwr* Faulkner, 31	**Æsh{[ô]w}r**	Assyrian	V. 167 - Late Per. = Extrapolated from ⲡϵⳉⲟϒⲣ = *P3 n ʾIšwrw* 'The one of the Assyrians'	LAND foreign *i* = ϵ
0;3;3	*ỉsy* [*ỉsw*] Cerný, CED, 122 (TLA) = *3sy* (Demotic)	**æsï/** **Asï**	loss (in weight); shortage; unfavourable difference	V. 155-156 - NK (Dyn. XIX) = ⲟⲥⲓ ⲟⲥϵ 'loss; fine, penalty'	(v.) *i* = ⲟ [è] = ϵ [è] = ⲓ
1;3;4	*ỉsyy* [*ỉsy* [*ỉs*[*3*]*y?*]] Wb 1, 128.4 = *3sʿ* (Demotic)	**æs[a]ï** æs{o}? **/** **As*a***	light (to be)	V: 17 - MK = ⲁⲥⲁⲓ ⲁⲥⲓⲁⲓ ϵⲥⲓⲉⲉⲓ	(v.) {DIA?} *i* = ⲁ *i* = ϵ *y* = ⲓ *y* = ⲓ
1;2;3	*ỉt* Wb 1, 142.10-20 = *ỉt* (Demotic)	**æ[ô]t /** **i[ô]t**	barley (*Hordeum sativum*)	V: 67 - OK (Pyr) = ϵⲓⲱⲧ ⲓⲱⲧ	BOT *i* = ϵⲓ *i* = ⲓ
0;2;2	*ỉt* Wb 1, 142.21 = *ỉtỉ*	**æt[è] /**	uterus, womb [formerly 'vulva' but corrected by TLA]	V. 156 - ? = ⲟϯ ⲟⲟⲧ ϯⲟⲟⲧϵ ⲟⲟϯϵ	BOD accent *i* = ⲟ

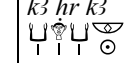
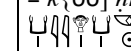
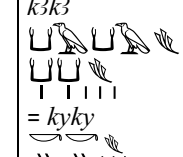
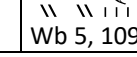
	 = *3t* (Demotic) Wb 3, 76.1-3 = *id.t* Wb 3, 76.1-3	**ætæ /** **At[*è*] /** **æd[*è*] ['t' and 'd' accentuated]**			*3* = ⲟ *3* = ⲟⲟ *i* ⇔ *3*
1;2;3	*it* Wb 1, 141.10-19	**æ[ô]t / i[ô]t / i[ô]t[*è*] ['t' accentuated, probably also for first two forms, hence: æ[ô]t[*è*] / i[ô]t[*è*]]**	father	V: 67 - ? = ⲉⲓⲱⲧ ⲓⲱⲧ ⲓⲟϯ [see also *itf*]	FAM accent. *i* = ⲉⲓ *i* = ⲓ
0;3;3	*it3* Faulkner, 34 & Wb 1, 151.1 = *ḏ* (Demotic)	**ætchA /** ***ɑ*dj**	thief	V. 252 - MK = ⲱⲭ ⲟⲭ	PRO *i* = ⲱ *i* = ⲟ *3* = []
1;2;3	*itf* Faulkner, 32	**æ[ô]t[*è*]f** **['f' may be silent or part of a respectful address æt[*è*]=f, like as in English 'His Majesty']**	father [IE = English 'father']	Extrapolated from ⲓⲁⲧⲓⲁⲧⲉ 'father of fathers'= *itit/ytyt* (Wb 1, 141.14)	FAM *i* = ⲁ
0;3;3	*ith* Faulkner, 33 & Wb 1, 148.12-23 = *3th* (Demotic)	**ætH /** **Ath**	pull, tow	V. 251 - OK (Pyr) = *ⲱⲧϩ. Related to ⲁⲑⲁϩ 'load [of material]'	(v.) *i* ⇔ *3*
1;3;4	*itii* (*ity*)  Faulkner, 32 & Wb 1, 143.3-14	**æ[ô]{t*è*}ï**	sovereign [related to *it* 'father' as already suggested by Chassinat?]	V: 68 - OK	PRO
1;2;3	*itm*  Wb 1, 144.5 = *tm*  Wb 5, 301	**æt[ô]m /** **[a*ʔ*]t[ô]m**	Atum	V. 267 - OK = ⲁⲑⲟⲙ. Also extrapolated from ⲯⲉⲛⲉⲧⲱⲙ 'son of Atum' = Chenetōm (a Coptic name) or or ⲡⲉⲓⲑⲟⲙ ⲡⲉⲑⲟⲙ 'Pithom' = *pr itm* 'House of Atum'	GOD schwa? *i* = ⲁ *t* = ⲑ
0;3;3	*itn* Wb 1, 145 [between 13 & 14] =*? itn.w*	**ætn**	soil, earth, ground; dust, dirt	V: 68 - NK (XVIII) = ⲉⲓⲧⲛ ⲓⲧⲉⲛ	ENV *i* = ⲉⲓ *i* = ⲓ
1;3;4	*itr.w* [esthetic disposition] = *tr.w* 	**æt[o]r[*è*] /** **[*e*]t[o]r[*è*] /**	river [IE = 'river' English ?]	V: 66 - MK & NK (XVIII - drop of the 't') = ⲉⲓⲟⲟⲣ ⲓⲱⲣⲉ ⲓⲟⲟⲣⲉ ⲓⲟⲣ ⲓⲁⲁⲣ	LAND schwa accent. *i* = ⲉⲓ *i* = ⲓ *t* = []

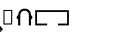
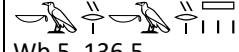
	= *itrw* [*itr.w*] (Demotic) = *itr* = *irw* [*ir.w*] Wb 1, 146.10-147.1	**ætch[o]r[*è*] [rarely]** **æ[ō]r[*è*] [long 'o' and 'r' accentuated]**			*t* = [] *y* = ɪ
0;3;3	*ith* = *ʿth* = *ʿth* Wb 1, 236.13-237.3	**ætkh /** ***a*tkh /** ***a*tchkh**	sieve [; brew?]	V. 252 - OK = ⲱϧⲧ 'gout' [semantic shift and metathesis?]	(v.) AGR *i* = ⲱ ʿ = ⲱ *t* = ⲧ *i* ⇔ ʿ
0;1;1	{*iw*}  Wb 1, 42.12-43.10	**{è} [close to æ].** **An ancestral 'èw' form may have existed.**	be [= 'is; auxiliary form but not verb]	V: 37 - OK (Pyr). Interestingly V. indicates that ⲓ was pronounced 'ⲉ' or 'ⲁ' in Coptic. Usage is: '{*iw*}=*f r sḏm*' = ⲉⲫⲉⲥⲟⲧⲉⲙ 'he will hear' which survived = ⲉ + ⲫⲉ [r = towards disappears]+ ⲥⲟⲧⲉⲙ = '**è=f[è] a[r]o sodjem**' = **<u>éfè arô sodjem</u>** or probably **<u>èfarô sodjem</u>** in at least common speech by agglutination = 'he will hear" lit. 'he is towards hearing. Also because of {*iw*}-*s ḫpr* = V: 49 - MK = ⲉⲓⲱⲡⲉ ⲉⲓⲱⲡ ⲉⲭⲟⲡⲉ	AUX {*iw*} = ⲉ {DIA}
1;2;3	{*iw*} Wb 1, 44.1-45.6	**{è}{[ô]w}**	come, return	V: 138 - ? = Extrapolated from ⲛⲏⲟⲩ ⲛⲏⲩ = Neo. *n*-{*iw*} 'in the process of coming (v.)'	(v.) {DIA} *i* = ⲏ *w* = ⲟⲩ *w* = ⲩ
0;2;2	{*iw*} [{*iw*}.*t*] = *i3w.t* [{*i3*}*w.t*] Wb 1, 28.13-14	**{è}{[ô]w} /** **{ä}{[ô]w}**	age-old, old age [IE = English 'age']	V. 248 - ? = ⲱⲉ [metathesis]	MED {DIA} *i3* = ⲉ *w* = ⲱ {*iw*} ⇔*i3*

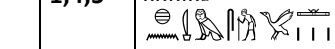
	= *i*{*iw*} (Demotic)				
0;3;3	{*iw*}.*t*.*y* [{*iw*}*ti*] = {*iw*}*ty* = *3ty* = *i3ty* [{*i3*}*ty*]  Wb 1, 46.1-5	**{è}{té} /** **{è}tï /** **Atï /** **{ä}tï**	without, which has not; which is not, one of which is not; who not, which not [negative element]	V: 17 - OK = ⲁϵⲓⲧ [metathesis] ⲁⲧ ⲁⲧϵ	NEG {DIA} {*iw*} = ⲁ *i3* = ⲁ {*iw*} ⇔ *3* *3* ⇔ *i3* *y* = ϵⲓ *y* = ϵ
-	*iw.t-y ḥ3.t-y.f* [*nty ḥ3ty*] No Wb?	**nt[è]ï-HAt[è]ï ['t's accentuated]**	idiot [lit. 'not what is the heart, the place of thought for the Egyptians' = 'deprived of intelligence, senseless one; also: discouraged (one)	V. 314 - ? = ⲁⲧ−ϩⲏⲧ ⲁⲑϵⲧ	ABS accent. *3* = ⲏ *3* = ϵ
0;4;4	*i-w3ḫ* Wb 1, 254.13-15	**æ-wAH**	add, deposit	V: 3 - NK = Related to ⲁⲩⲱ 'and'	(v.) imp.
0;3;3	{*iw*}*3y.t* [{*iw*}{*3y?*}.*t*]  = {*iw*}*3i* No Wb?	**{è}w{o}**	gage	V: 48 - ? = ⲁⲟⲩⲱ ϵⲩⲱ ⲟⲩⲱ	PRO {DIA} {*iw*} = ⲁ {*iw*} = ϵ *w* = ⲟⲩ
1;2;3	{*iw*}*d* Wb 1, 58.11-59.6 = {*iw*}*t wt* (Demotic)	{è}{[ô]w}d[*è*]? / {è}{[o]t[*è*]? / {è}{[ô]w}t[*è*]?	separate (to), charged (to), between (to lie)	V. 238 - NK = ⲟⲩⲧϵ ⲟⲩⲧⲟ	(v.) accent {*iw*} = [] *w* = ⲟⲩ *d* = ⲧ
1;3;4	*i-wn* Wb 1, 311.2-312.11	**æ-w[ô]n**	open!	V: 2 - Neo-Egyptian = ⲁⲟⲩⲱⲛ	(v.) imp *i* = ⲁ *w* = ⲟⲩ
1;3;4	*iwn*  Wb 1, 52.10-18	**æw[a]n**	colour; aspect (figure)	V: 19 - MK = ⲁⲟⲩϵⲓⲛ ⲁⲩⲁⲁⲛ ⲁⲩⲁⲛ	COL {DIA} *i* = ⲁ = [] *w* = ⲟⲩ *w* = ⲁⲩ
-	*iwn* *- nw-p.t*  Wb 1,	**æw[a]n-{n[ô]}-pè**	flax [linen; lit. 'colour of the sky' = 'blue'] (alternative name to *mḥʿ* = *Linum usitatissimum*)	V: 19 - MK = ⲁⲩⲁⲛ ⲙⲡϵ [lit.: 'colour from the sky' = 'blue'] 'material to make clothes'= 'linen'	BOT {DIA} *i* = [] *w* = ⲁⲩ
-	*Ỉwn.t t3 ntr.t* 	**{È}n[i] tA-[*e*]ntch[o]r[è] /**	Dendara [lit ' [The] Sanctuary [of] the Goddess].	V. 146 - Ptol. = ⲛⲓⲧϵⲛⲧⲱⲣϵ	LOC {DIA}

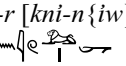
	= {*iw*}*nw.t t3 ntr.t*  = {*iw*}*n.t* Wb 1, 54.11-12	**{È}{n[ô]} tA-[*e*]nt[o]r[è] /** **{È}n[i]**		ⲛⲓⲧⲛⲧⲱⲣⲉ. Also only {*iw*}*n.t* = ⲉⲛⲓ '[The] Sanctuary' (Demotic); Vieira: 129); not to be confused with which refers to Heliopolis.	{*iw*} = [] *3* = ⲉ
1;2;3	{*iw*}*nw* Wb 1, 54	**{È}{n[ô]w}**	Heliopolis = 'On' [lit. '[The] sanctuary']	V. 249 - Ptol. (earlier?) = ⲱⲛ [metathesis; note {: {è}n{[ô]w} '[The] 'sanctuary' may also refer to Dendara]	LOC {DIA} {*iw*} = []
1;3;4	{*iw*}*nw* [{*iw*}*n*] Wb 2, 92.92	**{è}{n[ô]w}**	centre in the sense of 'seat', or 'central place] from its primary sense 'pillar, column' hence 'Heliopolis' lit. the 'centre / central' cult place of the sun, etc... for other cult places with similar a name: Esna, Armant, Dendara, etc...	V. 174 - OK = Extrapolated from ⲉⲣⲙⲟⲛⲧ ⲣⲙⲟⲛⲧ =  {*iw*}*nw Mnty* 'city [of] Montu'	HAB {DIA} {*iw*} = ⲉ
-	{*iw*}*nwMnty* Wb 2, 92.3	**{È}{n[ô]} M[ô]n{t[*é*]}**	Hermonthis, Armant [lit. 'seat [of] Montu']	V. 174 - Ptolem? = ⲉⲣⲙⲱⲛⲧ ⲉⲣⲙⲟⲛⲧ ⲣⲙⲟⲛⲧ = {*iw*}*nwMnty* 'city [of] Montu'	LOC {DIA} {*iw*} = ⲉ
0;2;2	{*iw*}*r* [*ir*] = *y* Wb 1, 56.1-7 = {*iw*}*r* (Demotic)	**{è}r /** **[e]ï** **{è}r**	conceive (child), be conceived; be pregnant	V. 248 - OK (Pyr) = ⲱⲱ ⲱ	(v.) {DIA} *r* = [] *y* = ⲱⲱ *y* = ⲱ
1;3;4	{*iw*}*ryy* [{*iw*}*ry.t*] Wb 1, 56.14-15	**{è}r[ô]ï**	beans = Lobya (*Dolichos lubia* Forskk.) [IE = French: 'haricot'?]?	V. 235 - 2nd Intermediate Period = ⲁⲣⲱ ⲟⲩⲣⲱ [latter metathesis]	BOT {DIA} {*iw*} = ⲁ {*iw*} = ⲟⲩ
-	{*iw*}*-s ḥpr*	**{è}=s H[ô]pr**	if (Lit.: [if] it is happening [= IE 'happen' English]	V: 49 - MK = ⲉⳉⲱⲡⲉ ⲉⳉⲱⲡ ⲉⳉⲟⲡⲉ	COND {DIA} {*iw*} = ⲉ *s* = ⳉ *r* = []
-	{*iw*}*-s r dd* 	**{è}=s [a]r[o]-dj[ô]d**	maybe, if (lit. [if] it is to say]	V: 50 - ? = ⲉⳉⲭⲉ ⲓⲥⲭⲉ ⲉⲓⳉⲭⲉ	COND {DIA} {*iw*} = ⲉ {*iw*} = ⲉⲓ {*iw*} = ⲓ *s* = ⳉ
1;3;4	*iwšš* [{*iw*}*šš*] 	**{è}{[ô]w}sh [long 'sh' by duplication] /**	mush, mash, gruel (French 'gruau, bouillie'); dough (med.) [IE = English 'mush'?]	V. 156 - NK (Dyn. XVIII) = ⲱⲟⲩⳉ ⲟⲟⲩⳉ	FOOD {DIA} elongati

	= *ỉwš3* [*{iw}š3*] Wb 1, 58.2-3	**{è}{[ô]w}shA [latter probably an accentuation [è]]**			on *i* = [] *w* = ⲱⲟⲩ *w* = ⲟⲟⲩ *3* = []
0;3;3	*ỉwy* [*{iwwy}*]  Wb 1, 49.1-2 TLA DZA 20.433.830	**{è}{ō}**	irrigate; pour	V: 68 - MK = ⲉⲓⲟⲩⲉ 'waters' [IE? = French 'eaux'?]	(v.) {DIA} *{iw}* = ⲉⲓ *w* = ⲟⲩ *y* = ⲉ
0;2;2	*iḫ* Wb 1, 123.12 - 124. 1 = *iḫ* (Demotic)	**ækh?**	what? [lit. 'thing?' as abstract concept, hence the det. of book]	V: 20 - OK? = ⲉϣ ⲁϣ ⲉϩ ⲁϩ 'what?, who?; which?' [confirming the double path taken by *i* = æ, shifting in Coptic times either towards ⲁ or ⲉ!]. derived from 'thing", as in Italian 'cosa?' 'thing'.	ABS *i* = ⲁ *i* = ⲉ *ḫ* = ϣ *ḫ* = ϩ
0;3;3	*iḫ* [*iḫ.t ḫ.t*] = *3ḫ* (NK - XIX) Wb 1, 124.2-125.7	**ækh / [e]kh [schwa] / Akh**	thing; [by extension:] possessions; products; dishes; affairs; offerings; rituals; feasts	V: 20. OK (Pyr) = ⲉϣ ⲁϣ ⲉϩ ⲁϩ 'what?, who? See above.	ABS schwa *i* = ⲉ *i* = ⲁ *ḫ* = ϣ *ḫ* = ϩ
1;1;2	*iy* [*y*] Wb 1, 36.15	**ï[o] [pronounced 'eyo']**	agree, consent [IE = Armenian այո [ayo] 'yes']	V: 5 - SD? = ⲁⲓⲱ ⲁⲓⲟ ⲁⲓⲁ [see also *iy3*]	(v.) *y* = ⲓ
0;3;3	*iy3* [*iiy3*] = 	**æyA /** **yA**	yes (German: 'doch') [IE = 'ya' German / 'aio' Armenian?]	V: 60 - ? =: ⲉⲓⲁ ⲉⲉⲓⲉ ⲉⲓⲉ ⲓⲉ [see also *iy* in fact *y*]	YES *i* = ⲉ *i* = ⲉⲉ *y* = ⲓ
1;5;6	*iyr* [*{i3}y{wy}r*]  Wb 1, 38.16	**{ä}y{ō}r**	deer [stag] [IE: Word with a Celtic phonology/origin?]	V: 62 & 155 -? = ⲉⲉⲓⲟⲩⲁ ⲉⲓⲟⲩⲁ ⲓⲟⲩⲁ ⲉⲟⲩⲁ ⲱⲓⲁⲓ ⲟⲉⲓⲁⲉ	ZOO {DIA} foreign? *i3* = ⲉⲉ *y* = *i* *wy* = ⲟⲩ *r* = ⲁ
0;3;3	*izr* = *isr* Wb 1, 130.1-5	**æzr / æsr**	tamarisk (*Tamarix* sp.)	V. 156 - OK (Pyr) = ⲟⲥⲓ in ϣⲉⲛⲟⲥⲓ	BOT *i* = ⲟ
0;2;2	*j3d.t* [*i3d.t*]  Wb 1, 36.8-11	**{ä}d[è]** **['d' accentuated]**	net [IE = 'net' English?]	V: 18 - OK = ⲁⲧⲉ	TOOL {DIA} *i3* = ä *d* = ⲧ

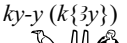
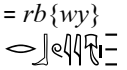
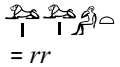
0;3;3	*jʿl* 	**y*a*l**	mirror [IE? = Armenian 'ayeli']	V: 62 - (Demotic) = ⲓⲗⲗ ⲉⲓⲗⲗ	TOOL
0;2;2	*jʿr* [*iʿr*] = *ʿr* Wb 1, 41.14-25 = *ʿl* (Demotic)	**{õ}r[*è*] /** ***a*r[*è*] /** ***a*l[*è*] ['r' or 'l' accentuated]**	board, go up	V: 6 & 249 - OK (Pyr) = ⲁⲗⲉ ⲱⲗ ⲱⲗⲓ ⲟⲗ	(v.) {DIA} accent *iʿ* = ⲱ *r* = ⲗ
1;3;4	*jnk* Wb 1, 101.13	**æn[o]k / [a]{n[ô]}k**	I; mine	V: 12 - ? = ⲁⲛⲟⲕ ⲁⲛⲁⲕ	PRON *i* = ⲁ
1;3;4	*jnm* [*inm*] Wb 1, 96.14-20	**æn[o]m**	skin; leather	V: 12 - OK (Pyr) = ⲁⲛⲟⲙ	MAT *i* = ⲁ
0;2;2	*js* [*is*] Wb 1, 128.1-8	**æs**	old (to be)	V: 16 - MK = ⲉⲥ ⲁⲁⲥ ⲁⲡⲁⲥ	ADJ *i* = ⲉ *i* = ⲁⲁ *i* = ⲁ
0;4;4	*jswy.t* [*iswy.t*]	æs{[ô]w}ï	reward; salary; prize	V: 16 - (Demotic) = ⲁⲥⲱ ⲁⲥⲟⲩ ⲉⲥⲟⲩ	ABS
0;2;2	*kɜ* Wb 5, 94.7-96.8 = *kɜ* (Demotic)	**kA**	bull; cow? [IE = English 'cow'?]	V: 70 - MK = ⲕⲟ	ZOO *ɜ* = ⲟ
-	*kɜ ḥr kɜ*  = *k*{oo} *ḥr k*{oo}  Wb 93, 1-5	kA-Hr-kA / k{oo}-Hr-k{oo}?	Khöiak feast	V: 74 - XVIII = ⲕⲁⲓⲁⲕ ⲕⲓⲁϩⲕ / ⲕⲟⲓⲁϩⲕ [many other variants but the latters are the closest to AE] [*kɜ* could be read k{oo} as in ⲕⲩⲡⲧⲁⲓⲟⲛ 'Coptic' (V: 85) where it survived from the ancient name of Memphis *ḥwt-K*{oo}*-Ptʿh*.	CAL *ɜ* = ⲁ
0;3;3	*kɜb.t* Wb 5, 11.2-8	**kAb[*è*]**	breast	V: 40 - MK = ⲕⲓⲃⲉ ⲕⲓⲃⲓ ⲕⲓⲫⲓ ⲉⲕⲓⲃⲉ	BOD *ɜ* = ⲓ
0;6;6	*K*ɜ*d*ɜ*d*ɜ = *Gd*ɜ*d*ɜ (Demotic)	**KAdjAdjA /** **GdjAdjA**	Kadjaja (occupation, private name or ethic group?)	V: 92 – MK = ⲕⲁϫⲟⲩϫ	NAT foreign? *ɜ* = ⲁ *ɜ* =ⲟⲩ *ɜ* = []
0;4;4	*kɜkɜ*  = *kyky*  Wb 5, 109.2-7	**kAkA /** **kïkï**	Castor oil plant (*Ricinus communis* L.)	V: 74 - NK (Dyn. XIX) = ⲕⲓⲕⲓ ⲕⲩⲕⲓ [possibly passed to Greek and Latin and gave the root 'iki' = "ici" in ***Ricinus***]	BOT *ɜ* = ⲓ *ɜ* = ⲩ

0;3;3	*k3m* Wb 5, 106.4-9 = *k3m* (Demotic) = Plural: *k3mii* [*k3m.ii]* 	**kAm** **Plur. kAm{[*é*]{oo}}**	garden; vineyard; field (IE = English 'garden'?]	V. 340 - NK (XIX) = ⲥⲱⲙ	BOT *k* = ⲥ *ȝ* = ⲱ
0;3;3	*k3m-w* [*k3m.w*] Wb 5, 106.10-11 = *k3m-yy-w* [*k3m.ii*] (Neo Eg.) = *k3m-i* [*k3mi*] (Demotic)	**kAm[*è*] / kAmï**	gardener (who prepares wine and oil) [; winemaker]	V. 341 - NK (XVIII) = ⲥⲙⲉ also 'winemaker'	PRO *k* = ⲥ *ȝ* = []
1;4;5	*k3nm* Wb 5, 107.1-4 = *gnm* (Demotic)	**kAn[è]m / g[ô]n[è]m**	blind (be or make); obscure (be)	V. 342 - Neo Eg. = ⲥⲱⲛⲉⲙ	(v.) *k* = ⲥ *ȝ* = ⲱ
0;3;3	*k3p* Wb 5, 104.14-17	**kAp**	hide; take cover (to)	V: 84 = ? = ⲕⲱⲡ ⲭⲱⲡ	(v.) *k* = ⲭ *ȝ* = ⲱ
0;3;3	*k3p* Wb 5, 104.7 = *ḳp* (Demotic)	**kAp[*è*]**	canopy, vault of sky (); cave;	V: 84 = MK = ⲕⲏⲡⲉ ⲭⲏⲡⲓ	ASTR *k* = ⲭ *ȝ* = ⲏ
0;3;3	*k3s* Wb 5, 14 & Wb 5, 68.2-69.4	**kAs**	bone [IE = French: 'os']	V: 87 – OK (Pyr) = ⲕⲉⲉⲥ ⲕⲗⲁⲥ ⲕⲁⲥ	BOD MED *ȝ* = ⲉⲉ *ȝ* = ⲗⲗ *ȝ* = ⲗ
0;3;3	*k3š* = *k3ši* *K3z* Wb 5, 109.1	**[È]kAsh /** **KAshæ /** **[È]kAz /**	Kush	V. 50, 246 & 247 - MK = ⲉⲥⲱⲯ ⲉⲥⲱⲯ ⲉⲑⲱⲯ ⲉⲑⲗⲩⲯ (TLA) ⲭⲟⲩⲥ	LOC foreign *k* = ⲥ *k* = ⲭ *ȝ* = ⲱ *ȝ* = ⲟⲩ
0;6;6	*k3yrk3yr* [*k{3y}rk{3y}r*]  Wb 5, 136.5 = *krkr* 'talent' (weight)	**k{o}rk{o}r**	stone pile [IE = Armenian 'քար' 'kar' 'stone]	V. 344 - Neo Eg. = Related to ⲥⲓⲛⲥⲱⲣ ϫⲓⲛⲥⲱⲣ 'talent' (weight) for at least the second syllable 'ⲥⲱⲣ'.	MAT {DIA} foreign? *ȝy* = ⲱ
1;3;4	*kf* Wb 5, 121.2-9 =*ḳby kbi*	**k[ō]f*a* / q[ô]bi**	plunder, capture, abduct (to), booty making	V: 71 - NK (Dyn. 18) = ⲕⲱⲱⲫⲉ ⲕⲱⲱⲃⲉ ⲕⲟⲟⲃⲉ ⲕⲗⲗⲃⲉ ⲕⲉⲉⲃⲉ	(v.) [ō] = ⲱⲱ [ō] = ⲟⲟ [ō] = ⲗⲗ [ō] = ⲉⲉ
0;3;3	*kf3w* [*kf3.w*] Wb 5, 120.9	kfA	rear part of plant indeterminate = ? trunk	V: 91 – 2nd Interm. Per. = Related to ⲕⲁϥ ϫⲁϥ 'trunk'?	BOT

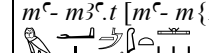
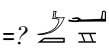
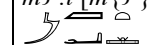
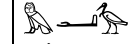
1;4;5	*khkh* = *ḫḫḫ* Wb 5, 67.6-8	**k[a]HkH /** **q[a]Hq[a]H**	cut, mould; hammer	V: 92 – ? = ⲕⲁϩⲕϩ ⲕⲁϩⲕⲁϩⲧ 'mould, smooth, flatten, etc..'	(v.) ONO
0;2;2	*khmm*	**kh[è]m[è] ['m' accentuated by duplication]**	Hot	V. 283 - (Demotic) = ϧⲉⲙ	ADJ accent. duplic.
1;4;5	*khnms*  Wb 3, 295.12 = *khns* [*khnws*] Wb 3, 290.2-3	**kh[ô]nms** / **khn{[ô]w}s**	mosquito [IE = Armenian 'motzak' or similar?]	V. 260 - Late? = ϣⲟⲗⲙⲉⲥ	ZOO *n* = ⲗ
1;2;3	*kk*	**k[ô]k**	cook [IE = English 'cook']	V. 351 - (Demotic) = ⲟⲱⲟ ⲟⲟⲟ ⲟⲉⲟ	(v.) [ô] = ⲱ [ô] = ⲟ [ô] = ⲉ
1;2;3	*kkw* [*kk.w*] = *kk3w* [*kk3.w*] Wb 5, 142-143.15	**k[a]k[è] /** **k[a]kA**	obscurity	V: 74 - OK (Pyr) = ⲕⲁⲕⲉ ⲕⲉⲕⲉ ⲕⲉⲕⲉⲓ	ASTR *3* = ⲉ *3* = ⲉⲓ
1;2;3	*km* Wb 5, 122-124.5	**k[a]m[è]** **['m' accentuated]**	black (adj.)	V: 81 = OK? = ⲕⲁⲙⲉ ⲭⲁⲙⲉ ⲭⲁⲙⲉⲩ ⲕⲁⲙⲏ [the latter most probably a scribal abberation]	COL accent. *k* = ⲭ [*è*]⇔ⲉ ⇔ ⲉⲩ⇔ⲏ
1;3;4	*km kmm* Wb 5, 124.6-8 = *km* (Demotic)	**km[ô]m /** k[ô]m?	black, dark (to be) [see *km.t* 'Egypt' i.e. 'the Black Land']	V: 81 = OK = ⲕⲙⲟⲙ ⲭⲙⲟⲙ ⲕⲉⲙ ⲭⲉⲙ	(v.) COL *k* = ⲭ
1;2;3	*km.t* Wb 5, 127.4-127.17	**k[é]m[è]** **['m' accentuated]**	Egypt [lit. the 'Black Land'; see *km* 'black']	V: 81 = MK = ⲕⲏⲙⲉ ⲭⲏⲙⲓ	LOC accent. *k* = ⲭ
0;3;3?	*knḥ* No Wb?	**qnH**	palace (designation of)	V: 84 = ? = Related to ⲕⲛϩⲉ 'chapel; portico; store, shop'?	HAB
1;3;4	*knm* Wb 5, 132.5 = ? *glmlm* (Demotic)	**kn[ô]m /** **gl[o]ml[è]m**	enclose; surround, wrap in [IE = English 'en**clo**se']	V. 338 - OK (Pyr) = ⲅⲗⲟⲙⲗⲉⲙ ⲅⲗⲟⲙⲗⲙ ⲕⲗⲟⲙⲗⲙ ⲕⲗⲟⲙⲗⲉⲙ ⲅⲙⲗⲱⲙ	(v.) *k* = ⲅ
2;4;6	*knm.t* [*knmwt*] Wb 5, 132.13 =? *knm.t-y* [*knmty*] (LM) 'sort of star' Wb 5, 133.6-7	**k[i]nm{[ô]w} /** **k[i]nm[oo]tï**	star of some kind mentioned in designation of constellations (Pleiades?); TLA states ' der Finstere (Stern)' for *knmty.*	V. 342 - MK = ⲅⲓⲛⲙⲟⲩⲧ = κνοῦμις	AST foreign?

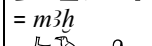
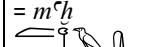
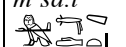
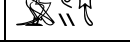


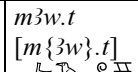
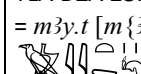
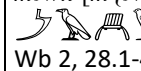
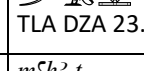
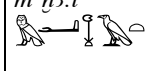
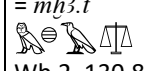
-	*kn-nꜥ-r* [*kni-n{iw}-r*] Wb 5, 132.4	**k[i]nær{è}** **[k[i]næ + n{è} + r[*è*]]**	lyre [cithara?] [IE = English/Indian 'cithara' or 'guitare'; = Armenian 'knar']	V. 342 - Neo Eg. = **ϭⲓⲛⲏⲣⲉ ϭⲓⲛⲏⲣⲁ**	MUS TOOL {DIA} foreign? accent. *{iw}* = **ⲏ**
0;3;3	*kp-w* [*kꜣp.w*] Wb 5, 119.1 = *gp* (Demotic)	**kAp /** **g[a]p**	feet soles [French 'plantes des pieds']	V. 344 - Neo Eg. = ***ϭⲁⲡ ϭⲟⲡ**	BOD *ꜣ* = **ⲟ** *k* = **ϭ**
1;3;4	*krky*	**k[o]rkï**	Dirt	V. 347 - (Demotic) = **ϭⲟⲣϫⲉ**	MAT *k* = **ϭ** *k* = **ϫ**
1;3;4	*krp* Wb 5, 135.6	**k[ô]rp**	delete, efface [, erase] (an inscription)	V: 87 – NK (Amarna) = **ⲕⲱⲣϥ ϭⲱⲣⲃ** 'destroy, make useless'	(v.) *k* = **ϭ** *p* = **ϥ** *p* = **ⲃ**
3;4;7	*krps*	**k[*è*]rp[*è*]s[i]**	purple [linen; the dye, French 'pourpre' = ?] (Linen of the Greek town of Carpasia)	V. 338 - (Demotic) = **ϭⲉⲗⲃⲉⲥⲓ ϫⲉⲗⲃⲉⲥⲓ**	MAT foreign *k* = **ϫ** *p* = **ⲃ** [i] = gen?
-	*kry šry* [*k{ꜣy}r{iꜣ}-šr{iw}*]	**k{o}r{ä}sh[i]r{è}**	Calasiries (lit. 'small child (of Syria)' = Late period class of warriors (with the Hermotybies) [according to Herodotus]	V. 339 - Neo Eg. = **ϭⲁⲗⲁϣⲓⲣⲉ** 'warrior; giant'	PRO {DIA} x 3 foreign *ꜣy* = *{q}* *iꜣ* = {ä} *{iw}* = {è} *r* = **ⲗ** *{iw}* = **ⲉ**
1;4;5	*ksks* Wb 5, 141.14bis-142.4 *ksks.t* '[female] dancer' = *gsgs* (Demotic)	**k[o]sk*[è]*s [second 'k' accentuated] /** **g[o]sg*[è]*s**	dance; dancer (n.)	V. 348 - Neo Eg. = **ϭⲟⲥϭⲉⲥ ϭⲟⲥϭⲥ**	(v.) accent. ONO?
1;3;4	*kšp*	**k[ô]shp**	Look	V. 349 - (Demotic) = **ϭⲱϣⲧ ϫⲟⲩϣⲧ**	(v.) *p* = **ⲧ** *k* =**ϫ**
1;3;4	*ksy* Wb 5, 139.7-18	**k[o]sï /** **k[o]s**	fold (to); bow down (to); down; prostrate (to be)	V: 89 – OK (Pyr) = **ⲕⲟⲥⲕⲥ ⲕⲟⲥⲕⲉⲥ ⲕⲉⲥⲕⲱⲥ** [later reduplication?]	(v.)
1;2;3	*kṯ* No Wb?	**k[oo]tch[*è*]**	child (lit. 'small' [one]). [See also **ⲕⲟⲩⲓ**] [IE = 'child' English?]	V: 92 – MK = ***ⲕⲟⲩϫⲉ ⲕⲟⲩϫⲓ**	MAN

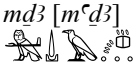
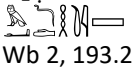
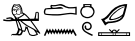
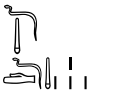
1;4;5	*ktkt* Wb 5, 146.13-14 = *kḏkḏ* (Demotic)	**k[ô]tk[*è*]t [second 'k' accentuated] /** **k[o]djkd[*è*]j**	cut; brake], rather than 'hit' (the neck of th ox) [IE = English 'cut']	V. 348 & 351 - Neo Eg. = ⲟⲟⲧⲟⲉⲧ ⲟⲉⲧⲟⲱⲧ ⲟⲟⲭⲟⲭ [metathesis] 'break; cut; annihilate'	(v.) accent.
0;2;2	*ky-y* (*k{ȝy}*)  TLA DZA 30.562.450 Wb 5, 110.7-112.6 = *ky* (Demotic) = *kty* (fem.) Plural: *kwy* 	**k{o}** ktï? (fem.) **k{[ô]w}ï (plur.)**	another, other (masc.)	V: 70 - NK = ⲕⲉ plural: ⲕⲟⲟⲩⲉ	ADV *ȝy* = ⲉ *w* = ⲟⲟⲩ
0;2;2	*l'* [AE r'?]	**l*a***	envy, jealousy, calumny	V: 93 – (Demotic). = ⲗⲁ ⲗⲉ	ABS *l* = ⲗ
2;3;5	*lby* = *rb{wy}*  Neo Egyptian	**l[a]b[o] /** **r[a]b{*ō*}**	lioness; bear [IE = Latin 'leo', English 'lion'?]	V: 94 – (Demotic). = ⲗⲁⲃⲟⲓ (*lb* = the god Min as lion; also *rȝbw* found inscribed above the figure of a lion - uncertain)	ZOO foreign? {DIA} *l* = ⲗ *r* = ⲗ *w* = o *y* = ï
1;2;3	*lg*	**l[a]g[*è*]**	cease =*? lg{ȝy}* 	V: 102 – (Demotic). = ⲗⲁⲅⲉ ⲗⲁⲅⲗⲱⲭⲓ. Also related to ⲧⲁⲗⲟ ⲧⲁⲗⲉ 'cure'. See under the latter.	(v.) *g* = ⲅ
1;2;3	*lg* [*lg{ȝy}*] 	**l[*è*]g{o}**	hide	V: 102 – (Demotic). = ⲗⲱⲅⲉ ⲗⲱⲅ ⲗⲱⲭ [metathesis]	(v.) {DIA} *g* = ⲅ
1;4;5	*lgnt*	**l[a]gnt**	Stove	V: 96 - (Demotic) = ⲗⲁⲕⲛⲧ	TOOL *g* = ⲕ
1;2;3	*lh*	**l[é]h / l[*è*]h**	worry; fear	V: 101 – (Demotic). = ⲗⲏϩ ⲗⲉϩ	ABS *l* = ⲗ
1;3;4	*lḫ*	**l[ô]kH**	to lick [IE = English 'lick', French 'lécher'?]	V: 102 – (Demotic). = ⲗⲱⲭϩ ⲗⲟⲭϩ	(v.) *k* = ⲭ *ḫ* = ϩ
1;2;3	*ll*	**l[é]l**	necklace, bracelet	V: 97 - (Demotic) = ⲗⲏⲗ	TOOL
0;3;3	*ll.t*  = *rr* 	**l[*è*]l[oo] l[i]l[oo] /** **r[*è*]r[[oo]**	girl	V: 94 – (Demotic). = linked to?: ⲗⲉⲗⲟⲩ ⲗⲓⲗⲟⲩ 'boy'	MAN *r* = ⲗ
1;3;4	*lms*	**l[ô]ms**	rot, become sour (to)	V: 98 - (Demotic) = ⲗⲱⲙⲥ	(v.)
2;4;6	*lnḏp*	**l[a]ndj[a]p**	pitch	V: 98 - (Demotic) = ⲗⲁⲙⲭⲁⲡⲧ ⲗⲁⲙⲭⲁⲧⲡ [metathesis]	MAT. foreign *n* = m *t* = []

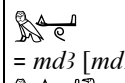
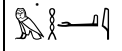
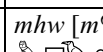
1;2;3	*lḳ*	**l[ô]k**	measure for liquid [IE = 'liquid?]	V: 96 - (Demotic) = ⲗⲟⲕ	MATH
1;3;4	*lḫm*	**l[ô]kh[è]m**	pound, 'triturer'	V: 102 – (Demotic). = ⲗⲱϧⲉⲙ ⲗⲱϩⲙ 'pétrir', 'cook"	(v.) *ḫ* = ϧ *ḫ* = ϩ
0;3;3	*lyb / lby*	**lïb[è] / lbï**	excited, foolish (to be, [IE = 'libido' Latin?]	V: 94 – (Demotic). = ⲗⲓⲃⲉ ⲗⲓⲃⲓ	ABS *y* = ⲓ
0;1;1	*m* Wb 2, 1.21-24	**m[è] ['m' accentuated]**	in (prep.); as	OK? - Pronunciation extrapolated from ⲙⲛⲛⲥⲁ ⲙⲉⲛⲉⲛⲥⲁ ⲙⲛⲛⲥⲱ ⲙⲉⲛⲉⲛⲥⲱ after [lit. 'in [the] back'] (prep.) from equivalent *m s3* Wb 4, 10.4-11.6. The alternative Coptic writings indicating the position of stress by showing the otherwise invisible vowel ⲉ [è]; i.e not '[è]m' but 'm[è]'.	PREP accent
-	*m bꜣḥ* Wb 1, 420.1 & 421.1-4 = *m bꜣḥ* [(Demotic)]	**m[è]-bAh/** **m[è]-mAH**	in front [lit. 'in/on penis [side]]	V: 33 - ? = ⲙ̄ⲙⲁϩ [note the accentuated 'm' for 'in'] ⲙⲙⲁϩ	PREP *b* = ⲙ *ꜣ* = ⲁ
-	*m ḏr* [*m-ḏr*] Wb 5, 593.15-17	**m[è]-dj[è]r[è] ['r' accentuated]**	whence [French 'lorsque'], when; after; since	V. 147 - NK (Dyn. XIX) = ⲛⲧⲉⲣⲉ	ADV accent. *m* = ⲛ *ḏ* = ⲧ
-	*m dwn* Wb 5, 432.10-13	**m[è]d{[ô]w}n**	moreover; then; again, further; continue; usually (adv. 'lit. 'with extension')	V. 147 - NK (earlier?) = ⲛ̄ⲧⲟⲟⲩⲛ ⲛ̄ⲧⲁⲩⲛ	TIME ADV schwa m = ⲛ *d* = ⲧ *w* = ⲁⲩ *w* = ⲟⲟⲩ
-	*m ir* Wb 1, 112.7; 2, 3.3-4	**m[è]- ær[è]**	no [lit. 'don't do] (negative aux.)	V: 118 – 2nd Intermediate Per. (earlier?) = Related ⲙⲡⲟⲣ ⲙⲫⲟⲣ 'no' [lit. 'dont do']	NEG imp!
-	*m mn.t* Wb 2, 65.9-11 = *n mn* [(Demotic)]	**m[è]-m[é]n[è] /** **n[è]-m[é]n[è]**	daily, everyday	V: 115 – NK (Dyn. XVIII) = ⲙⲙⲏⲛⲉ ⲙⲙⲏⲛⲓ	TIME accent.
-	*m pꜣ ḥrw* [*m pꜣ ḥr.w*] = *pꜣ ḥrw* Wb 2, 499.11	**m[è]-pA-h[ô]r**	today	V. 318 - ? = ⲙⲫⲟⲟⲩ ⲡⲟⲟⲩ ⲫⲟⲟⲩ	TIME *p* = ⲫ *r* = []
-	*m ḳy* [*m ḳi*] Wb 5, 15.5	**m[è]-qæ**	in the form (of) [, which is to say] (French: 'c'est à dire')	V. 153 - ? = ⲛⲟⲓ 'it is to say'	ADV *m* = ⲛ *i* = ⲓ

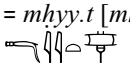
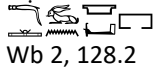
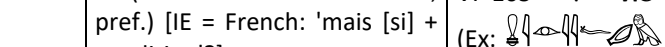
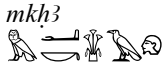
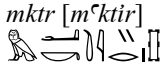
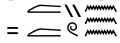
-	*m r3-ꜥ [m rꜥ]* Wb II 395.6-8	m[*è*]r*a*	likewise, also, equally [lit. with/in place]	V. 171 - NK = ⲣⲱ ⲣⲟⲩ ⲗⲱ.	ADV *m* = [] ꜥ = ⲱ ꜥ = ⲟⲩ *r* = ⲗ
-	*m s3* Wb 4, 10.4-11.5 = *bn m s3* (Demotic)	**m[è]-sA**	after, following after [lit. 'in back'] (prep.)	V: 116 – Pyr = ⲙⲛⲛⲥⲁ ⲙⲉⲛⲉⲛⲥⲁ ⲙⲛⲛⲥⲱ ⲙⲉⲛⲉⲛⲥⲱ [what ‹n› stands for is not resolved - a genitive?	TIME PREP *3* = ⲁ *3* = ⲱ
-	*m wꜥ.t* No Wb?	**m[è]-m[ô]at** / m[ô]at?	alone [lit. 'in one"]	V: 127 – ? = ⲙⲙⲁⲩⲁⲧ ⲙⲁⲩⲁⲁ ⲙⲁⲩⲉⲉⲧ 'alone, only' (adj.) [lit. 'in one']	ABS [ô] = ⲁⲩ ꜥ = ⲁ ꜥ = ⲁⲁ ꜥ = ⲉⲉ t = not silent
-	*m wš r* Wb 1, 368.13-14 = *n wš n* (Demotic)	**m[è]w[è]sh r[ô] /** **nw[è]sh[è]n ['sh' accentuated]**	without [lit. something like 'with emptiness towards']	V. 148 - MK = ⲛⲟⲩⲉⲯⲛ ⲛⲟⲩⲉⲯⲉⲛ	ADV accent *m* = ⲛ *w* = ⲟⲩ [*è*] = ⲉ
-	*mꜥ- m3ꜥ.t [mꜥ- m{3ꜥ}.t]*  No Wb?	**m[è]-m{Ã}** **[*e*]ma-m{Ã}**	truly, really (lit. 'in part/state of truth')	V: 142 - ? = ⲛⲁⲙⲉ ⲛⲁⲙⲓⲉ ⲉⲙⲁⲙⲉⲉ	ABS schwa {DIA} *m* = ⲛ *3*ꜥ = ⲉ *3*ꜥ = ⲉⲉ
0;3;3	*m3ꜥ [m{3ꜥ}]* =*?*  *m3ꜥ* 'lakeside' 'riverside' Wb 2, 25.2-4	**m{Ã}**	place, location	V: 101 - (Demotic) = ⲙⲁⲁ ⲙⲁ ⲙⲉ ⲙⲟⲩ	LAND {DIA} *3*ꜥ = ⲁⲁ = ⲁ *3*ꜥ = ⲉ *3*ꜥ = ⲟⲩ
0;3;3	*m3ꜥ.t [m{3ꜥ}.t]*  Wb 2, 18-20.9	m{Ã}?	truth; what is right	V: 105 – OK? = ⲙⲏⲉ ⲙⲏⲓ ⲙⲉ	ABS {DIA} *3*ꜥ = ⲏⲉ *3*ꜥ = ⲏⲓ *3*ꜥ = ⲉ
0;4;4	*m3ꜥty [m{3ꜥ}ti]* Wb 2, 21.4-6	**m{Ã}tï**	righteous, just man, virtuous; sincere (adj.)	V: 105 – ? = Related to ⲙⲏⲧ 'true; real'?	ABS {DIA} *3*ꜥ =ⲏ
0;4;4	*mꜥb3*  Wb 2, 47.1-3	**m*a*bA**	spear [javelin]	V: 108 – OK (Pyr) = Related to ⲙⲁⲁⲃⲉ 'thirty' [thirty meters may have been the average distance covered by a javelin]	TOOL
0;3;3	*m3ḥ* Wb 2, 31.1-5	**mAH**	wreath	V: 130 – NK (Dyn. XVIII) = Extrapolated from ⲙⲁϩⲛⲟⲛⲟⲩⲧ 'wreath of...'	TOOL BOTP

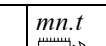
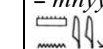
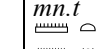
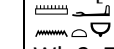
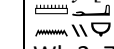
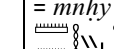
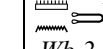
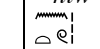
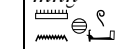
0;3;3	*mɜḥ* = *mɜḫ*  = *mᶜḫ* = *mᶜḫ{ɜy}* [*mᶜḫ{ɜy}*]  Wb 2, 31.8-11 = *mḥ* (Demotic)	**mAH /** **mAkh /** **ma*kh*A /** **ma*kh*{o} /** **m[o]kh**	burn up	V: 131 – MK = ⲙⲏⲉ ⲙⲉⲉ ⲙⲟⲉ ⲙⲟⲩⲉ [V. states that *mɜḥ* must have been the primitive form, suggestion to which the author agrees]. See also ⲧⲙⲉⲟ ⲧⲉⲙⲉⲟ ⲧⲙⲉⲉ 'lit; burn' (*dy.t mɜḥ*); (V. 216).	(v.) {DIA} *ɜ* = ⲏ *ɜ* = ⲉ *ɜy* = ⲟ *ɜ* =ⲟⲩ *ḥ* ⇔ *ḫ*
0;4;4	*mᶜḥᶜ.t* Wb 2, 49.7-14	m*a*H*a*	funerary chapel (for offering or stela), cenotaph	V: 132 - MK = ⲙⲉⲁⲁⲩ ⲙⲉⲁⲩ ⲙⲉⲱ ⲙⲉⲉⲉⲩ ⲙⲉⲁⲟⲩⲉ ⲉⲙⲉⲉⲟⲩ [the latter three variants are most probably plurals]	BAT ᶜ = [] ᶜ = ⲁⲁⲩ ᶜ = ⲁⲩ ᶜ = ⲱ
0;3;3	*mɜk.t* Wb 2, 33.6-7	**mAk[*è*] [‘k’ accentuated]**	ladder	V: 110 – OK (Pyr) = [*ⲙⲟⲩⲕⲉ] ⲙⲟⲩⲕⲓ	TOOL accent. *ɜ* = ⲟⲩ
0;6;6	*mᶜknᶜs*	**ma*kn*a*s***	magnesium	Vieira: 216 - (Demotic)	MAT foreign?
1;3;4	*mᶜnyw* [*mᶜn{iw}*] Wb 2, 74.17	**m[a]n{è}**	shepherd	V: 115 – OK (Pyr) = ⲙⲁⲛⲉ ⲙⲁⲛⲓ ⲙⲁⲛ pl. ⲙⲁⲛⲏⲩ	PRO {DIA} *{iw}* = ⲉ
-	*m-ᶜšɜ* No Wb?	m[*è*]-*a*shA	very [lit. 'in a lot']	V: 128 – ? = ⲙⲁ̀ⲱⲱ ⲉⲙⲁ̀ⲱⲟ ⲙⲁ̀ⲱⲟ ⲙⲁ̀ⲱⲁ 'very, a lot'	NUM *m* = [è]m?
1;3;4	*mᶜšd.t*  = *mšd.t* Wb 2, 158.14	**{mè}shd[è] /** **m[i]shd[è] ['d' accentuated]**	ford, passage	V: 129 – NK (Dyn. XVIII / XIX) = ⲙⲓⲱⲧⲉ	ENV accent. *d* = ⲧⲉ *ḏ* = ⲧⲉ
0;3;3	*mɜt,t* Wb 2, 33.11-15	**mAt / [è?]mAt**	parsil or celery? [*Petroselimum* or *Apium*?]	V: 124 – MK = ⲙⲓⲧ ⲉⲙⲓⲧ 'Parsil' or 'celery'	BOT t non silent
1;3;4	*mɜw* Wb 2, 26.5-15	**mAw[i]** m{Au}[i]?	new	OK (Pyr)? = ⲙⲟⲩⲟⲩⲓ ⲙⲟⲩⲓ	ADJ {DIA}?
0;2;2	*mɜi* [*m{ɜy}*] TLA DZA 23.679.890 TLA DZA 23.679.480 TLA DZA 23.679.340 TLA DZA 23.679.320 *mɜi* [*m{ɜy}w*] TLA DZA 23.679.460  (aesthetic	**m{o}**	lion NB. Onomatopoeia of a bellowing lion	V: 109 – NK (OK?) = ⲙⲟⲩⲓ	ZOO ONO {DIA} *ɜy* = ⲟⲩ

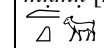
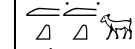
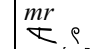
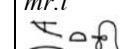
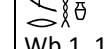
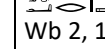
	disposition) TLA DZA 23.680.060 = *mɜy* [*m{ɜy}*] [(Demotic)] = *mɜw* [*m{ɜw}*] TLA DZA 23.679.920	**m{Au}**			
1;3;4	*mɜw.t* [*m{ɜw}.t*] Wb 2, 34.17-21 = *mwy* [(Demotic)]	**m{Au}[*è*] /** m[è]wï?	think	V: 127 – NK (Dyn. XIX) = ⲙⲉⲉⲩⲉ ⲙⲉⲩⲓ ⲙⲉⲩ ⲙⲉⲉⲩ	ABS {DIA} accent; *ɜw* = ⲉⲉ *w* = ⲩ [*è*] = ⲉ [*è*] = ⲓ
0;3;3	*mɜw.t* [*m{ɜw}.t*]  Wb 2, 27.8 = *mɜy.w.t* [*m{ɜy}.w.t*] TLA DZA 23.792.500 = *mɜy.t* [*m{ɜy}.t*]  TLA DZA 23.792.910	**m{Au}[*è*]** **m{o}[*è*]**	island; new land	V: 108 – NK (Amarna) = ⲙⲟⲩⲉ ⲙⲟⲩⲓ ⲙⲟⲩ ⲙⲟⲩⲓⲉ	ENV {DIA} accent. *ɜw* = ⲟⲩ *ɜy* = ⲟⲩ [*è*] = ⲓ
0;3;3	*mɜw.t* [*m{ɜw}.t*]  Wb 2, 28.1-4 TLA DZA 23.793.460	**m{Au}[i]**	sunlight, rays, beams	V: 107 – OK (Pyr) = ⲙⲱⲟⲩⲓ ⲙⲟⲩⲉ 'light, clarity'	ENV {DIA} accent. *ɜw* = ⲱⲟⲩ [*è*] = ⲓ
0;4;4	*mɜwy* [*m{ɜw}y}*] Wb 2, 25.16-26  TLA DZA 23.787.230	**m{Au}ï**	new (to be or become)	V: 109 – OK (Pyr) = ⲙⲟⲩⲟⲩⲓ ⲙⲟⲩⲓ	(v.) {DIA} *ɜw* = ⲟⲩ *y* = ⲓ
0;4;4	*mʿḫɜ.t*  = *mḫɜ.t*  Wb 2, 130.8-13 = *mḫy.t* [(Demotic)]	**m*a*khA /** **m[a]khA /** **m[a]khï**	balance	V: 128 – MK= ⲙⲁϫⲉ ⲙⲁϫⲓ ⲙⲉϫⲓ ⲙⲁϩⲉ	TOOL foreign? *ḫ* = ϫ *ḫ* = ϩ [*è*] = ⲉ [*è*] = ⲓ
1;3;4	*md* Wb 2, 184.4-7	m[ô]dj	deep, to be	V: 124 – MK = Related to ⲙⲏⲧ 'depth'	(v.)
0;2;2	*md.t* Wb 2, 181.7-182.2	**m[è]d ['m' accentuated]**	word; written sayings; thing; also formator of abstract concepts; matter	V: 117 – OK (Pyr) = ⲙⲉⲧ ⲙⲛⲧ 'formator of abstract concepts'	ABS *d* = ⲧ
1;2;3	*md.t* 	**m[é]dj[è] ['dj' accentuated]/**	ten	V: 124 – OK (Pyr) = ⲙⲏϯ ⲙⲏⲧ	NUM accent *d* = []

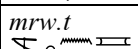
	Wb 2, 184.1-2 = *mt* [(Demotic)]	**m[é]t or m[é]t[è]**			*ḏ* = ⲧ *ḏ* = ϯ
0;3;3	*mḏȝ* [*mᶜḏȝ*]  Wb 2, 186.16 = *mḏȝ.t*	**{mè}djA**	fruit measure [used for dates, etc..]	V: 132 - Neo Egypt. = ⲙⲁⲁϫⲉ	MATH BOT *mᶜ* = ⲙⲁⲁ
1;3;4	*mḏȝ.t* Faulkner, 123 Wb 2, 188.6-10	**m[a]djA ['dj' accentuated]**	chisel	V: 132 - NK = ⲙⲁϫⲉ ⲙⲁϫⲓ 'adze' [French 'Herminette']. =*? mḏy ṯb*[instrument used for the embalming of the Apis bull = ? adze?]	TOOL accent. *ȝ* = ⲉ *ȝ* = ⲓ
1;5;6	*mḏht*  Wb 2, 193.2	{mè}dj[a]Htï	mortar?] stone [material of some kind]	V: 132 - ? = ? Related to ⲙϫⲁϩⲧ 'mortar [to crush]'	MAT Foreign? *t* = ⲧ *mᶜ* = ⲙ
1;3;4	*mḏl*	**mdj[ô]l**	onion [*Allium cepa* L.]	V: 132 - (Demotic) = ⲙϫⲱⲗ	BOT
1;3;4	*mdn* = *mᶜdn.w*  Wb 2, 182.8 = *mtn* [(Demotic)]	**{mè}d[o]n /** **mt[o]n**	calm, peaceful (to be)	V: 125 – Late = ⲙⲧⲟⲛ	(v.) *mᶜ* = ⲙ *d* = ⲧ
1;3;4	*mdw* [*md.w*] Wb 2, 179.2-28, 180.2; = *mt* [(Demotic)]	**m[ô]d /** **m[oo]t**	speak; words, discourse; thing, affair; [recitation, incantation; charm, spell] [IE = French 'mot'?] =as in *ḏd mdw* 	V: 124 – OK (Pyr) = [*ⲙⲟⲧ] ⲙⲟⲩⲧ ⲙⲟⲩⲧⲉ. Also V: 125 & – Pyr = ⲙⲧⲁⲩ [metathesis] 'incantation [recitation]; charm [spell] as in ⲉⲕϫⲉⲙⲧⲁⲩ = = 'lit. 'say words'.	(v.)
1;2;3	*mḏw.t* [*mḏ.w.t*] = *md.t* Wb 2, 184.8-14	**mdj[ô] /** **md[ô]**	depth (of sea, earth, building, dimension)	V: 124 – OK = ⲙⲧⲱ ⲙⲑⲱ	NUM *ḏ* = ⲧ *ḏ* = ⲑ *d* = ⲧ *d* = ⲑ
1;3;4	*mḏẖ* Wb 2, 189.11 = *mḏẖ* (Demotic)	**m[o]djϮ / m[a]djϮ**	belt, girdle, [band?]	V: 132 - OK = ⲙⲟϫϩ ⲙⲁϫϩ	TOOL *ẖ* = ϩ
0;3;3	*mdy* [*md*[*ȝ*]*y.t*] = *mdȝy* [*md*{*ȝy*}] 	**m[è]d{o} /** **m[é]d{o} /**	with, at (adv.; French: 'chez'); from; in possession of [lit. 'in giving?]	V. 145 - MK = ⲛⲧⲉ ⲛⲧⲁ	ADV {DIA} *m* = ⲛ *ȝy* = {o}

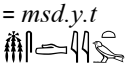
	DZA 24.462.450  = *md3* [*md3y?*] Wb 2, 176.14-177.19 = *mty mtw* (Demotic)	**m[*é*]dA /** **m[*é*]t{ô}**			
1;3;4	*mḥ* *Wb 2, 120.2-7* = *mḥ* (Demotic)	**m[a]H[*è*] ['H' accentuated]**	arm; cubit	V: 129 – OK (Pyr) = ⲙⲁϩⲉ ⲙⲁϩⲓ	MATH accent. [*è*] = ⲉ [*è*] = ⲓ
1;2;3	*mḥ* Wb 2, 116.6-118.10 = *mḥ* (Demotic)	**m[ô]H**	fill	V: 130 – NK (earlier?) = ⲙⲟϩ ⲙⲉϩ ⲙⲁϩ ⲙⲟⲩϩ	(v.)
1;2;3	*mḥ* [*mḥw*] Wb 2, 121.10	**m[a]H**	Nest	V: 129 – Ptolemaic = ⲙⲁϩ ⲙⲁⲁϩ ⲙⲟϩ ⲙⲏϩⲉ	AGR
-	*mḥ dr.t* [*mḥ dt*] Wb 2, 116.18	**m[ô]H-d[{ô}]t**	grab [lit. 'fill the hand']	V: 131 – ? = ⲙⲉϩ-ⲧⲟⲟⲧ ⲙⲁϩ-ⲧⲟⲧ. See also *djr.t* 'hand'.	(v.)
-	*mḥ n tp*	mH-n[a?]-t[ô]p	needle	V: 128 - (Demotic) = ⲙⲉϩⲧⲱⲡ	TOOL
1;2;3	*mḥ.t* Wb 2, 123.6-10	**m[é]h[*è*] ['h' accentuated]**	feather	V: 130 – NK (Dyn. XVIII) = ⲙⲏϩⲉ ⲙⲏϩⲓ	TOOL ZOOP accent [*è*] = ⲉ [*è*] = ⲓ
1;3;4	*mḥ.t.y* [*mḥty*] Wb 2, 125.13-126.2 = *mḥty mḥ* (Demotic)	**mH[a]tï**	North	V: 143 & 131 – OK (Pyr) = ⲙϩⲁⲧⲉ extrapolated from ⲛⲙϩⲁⲧⲉ from *n3 mḥt.y.w* 'those of the North' ; also ⲙϩⲓⲧ [metathesis]; sea also *ḥd*	GEO *y* = ⲉ
1;4;5	*mḥʿi*  = Wb 2, 121.4-7 = *mḥ* (Demotic)	**m[a]H*ɑi* /** **m[a]H[*è*] ['H' accentuated]**	flax, linen	V: 129 – OK = ⲙⲁϩⲉ ⲙⲁϩⲓ	BOT accent. [*è*] = ⲉ [*è*] = ⲓ
1;3;4	*mhl*	**m[*è*]h[*é*]l**	Bold	V: 132 - (Demotic) = ⲙⲉϩⲗ	MED
2;4;6	*mḥrr*	**[a]mHr[*é*]r[*è*]** **['r' accentuated]**	Scarab	V: 11 - (Demotic) = ⲁⲙϩⲣⲏⲣⲉ	TOOL foreign accent.
2;5;7	*mḥrr*	**m{[ô]w}H[*è*]r[*é*]r /** mwH[*è*]r[*è*]r?	Scarab	V: 131 - (Demotic) = ⲙⲟⲩϧⲣⲏⲣ	ZOO foreign? *ḥ* = ϧ *w* = ⲟⲩ
0;4;4	*mhw* [*mʿḥ{ɜw}*] 	**{mè}h{Au}[*è*] /**	family, kin	V: 131 - NK (Dyn. XVIII) = ⲙϩⲁⲟⲩⲉ	FAM foreign?

	Wb 2, 114.7-12 = *mᶜh{ʒy}* = *mᶜhw.t* 	**{mè}h{o}[è] /** **{mè}h{[ô]w}[è]** **['w' accentuated]**			accent. *ʒw* = ⲁⲟⲩ *ʒy* = ⲁⲟⲩ *mᶜ* = ⲙ
1;3;4	*mḥw* [*mḥw.t*] = *mḥyy.t* [*mḥw*]  Wb 2, 125.6-8 = *mḥ.t* (Demotic)	**mH[é] /** **mHï /** **mH[é]**	wind from North = Northern Wind. Surviving in Arabic as *maHwa.t*	V: 130 – OK (Pyr) = ⲙϩⲏ	ENV
1;4;5	*mḥwn*  Wb 2, 128.2	**mHw[a]n**	dovecote; farmyard?	V: 129 – Late = ⲙⲁϩⲟⲩⲁⲗ ⲙⲁϩⲃⲁⲗ	AGR *w* = ⲃ *n* = ⲗ
0;2;2	*mi* Wb 2, 38.6-12	**mæ**	if (in conditional sentences, pref.) [IE = French: 'mais [si] + condition'?]	V: 105 – ? = ⲙⲉ ⲙⲁ (Ex:  *mi ỉry.f sḏm* (if he has heard')	COND *i* = ⲉ *i* = ⲁ
1;3;4	*mỉm* = *m* Wb 1, 1.1	**mæm[ô] /** **æm[ô] /** **m[ô]**	there [afar]	V: 112 & 126– NK = ⲙⲙⲁⲩ ⲉⲙⲁⲩ ⲙⲁⲩ; see also *mỉm* / *ỉm* used as 'in'	ADV *i* = ⲉ [ô] = ⲁⲩ
1;2;3	*mk* No Wb?	**m[o]k[è] ['k' accentuated]**	vase of some kind	V: 110 – OK = *ⲙⲟⲕⲉ ⲙⲟⲕⲓ 'vase, vessel, jug'	TOOL accent?
1;4;5	*mkḥʒ*  Wb 2, 163.6	**m[a]kHA**	head back, occiput	V: 110 – NK (Dyn. XVIII) = ⲙⲁⲕϩ 'neck'	BOD *ʒ* = []
1;6;7	*mktr* [*mᶜktir*]  Wb 2, 164.2-3	m*a*ktï[o]r	tower of fortress [= Hebrew 'migdol' 'tower']	V: 132 - N. = ⲙⲉⲥⲧⲟⲗ ⲙⲓⲭⲧⲟⲗ 'tower; fortress'	BAT Foreign *mᶜ* = ⲙⲉ *mᶜ* = ⲙⲓ *r* = ⲗ *k* = ⲭ
1;2;3	*mm.t* = *mmwy* [*mmy.w*] [Ptolem.]  No Wb?	**m[ô]m[è] ['m' accentuated]/** **m[ô]mï**	source [water]	V: 112 – NK (Dyn. XVIII) = ⲙⲟⲩⲙⲉ ⲙⲟⲩⲙⲓ	ENV accent. *w* = plur. coll.
1;2;3	*mn* Wb 2, 60.6-62.26	**m[ô]n**	stay, remain	V: 114 – OK (Pyr) = *ⲙⲱⲛ ⲙⲟⲩⲛ	(v.)
1;2;3	*mn* = *fem: mn.t* Wb 2, 64.13-65.5	**m[a]n /**	so and so, such [referring to a person, ex: French 'untel', 'tel'], a certain person [IE = English 'man'?]	V: 114 – OK (Pyr) = ⲙⲁⲛ	MAN

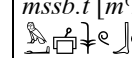
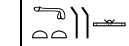
1;3;4	*mn.t*  = *mnyy.t* [*mny.t*]  Wb 2, 77.2-5 = *mn.t* (Demotic)	**m[oo]n[*è*] ['n' accentuated] /** **m[oo]nï**	root	V. 143 - NK (earlier?) = ⲛⲟⲩⲛⲉ ⲛⲟⲩⲛⲓ ⲛⲁⲛⲟⲩ [latter metathesis]	BOTP accent. *m* = ⲛ
1;2;3	*mn.t*  Wb 2, 65.6-8	**m[i]n[*è*] ['n' accentuated]**	like (the); manner [IE? = English 'manner', French 'manière']; contents	V: 115 – MK = ⲙⲓⲛⲉ ⲙⲓⲛⲓ ' sort; qualify, manner'	ABS accent
1;3;4	*mnʿ* Wb 2, 77.10-12	**m[ô]n*a***	nurture; educate [a child]	V: 115 – NK (Dyn. XVIII) = Related to ⲙⲟⲟⲛⲉ ⲙⲟⲛⲓ 'nurse'	(v.)
1;3;4	*mnʿ.t* [*mnʿt*]  Wb 2, 77.10-13	**m[ô]n*a***	nurse	V: 115 – NK (Dyn. XVIII) = ⲙⲟⲟⲛⲉ ⲙⲟⲛⲓ	MAN ʿ = ⲟⲟ ʿ = ⲟ
1;4;5	*mnʿy* [*mn{ʿy}*]  Wb 2, 78.11-15	**m[o]n{*õ*}**	educator [litt. 'one of nurturing' = 'nurturer']	V: 115 – NK (Dyn. XVIII) = Related to ⲙⲟⲟⲛⲉ ⲙⲟⲛⲓ 'nurse'	PRO {DIA}
1;3;4	*mnd* *mnḏ* Wb 2, 92.11-93.8	**mn[o]d / mn[o]dj**	chest (of woman or man)	V: 117 – 2nd Inter. Per. (earlier?) = ⲙⲛⲟⲧ	BOD *ḏ* = ⲧ *ḏ* = ⲧ
1;3;4	*mnḥ* Wb 2, 83.4-7 = *mnḥy*  = *mnḥ* [(Demotic)] 'wax'	**m[ô]nH [m[oo]nH?] /** **m[ô]nHï**	beeswax; wax [IE? = Armenian ‘մեղրամոմ’ 'mèghа**mom**'?]	V: 112 – NK (Dyn. XVIII) = ⲙⲟⲩⲗϩ 'wax; candle; honeycomb'	MAT *n* = ⲗ
1;4;5	*mnmn* Wb 2, 80-81.15	**m[ô]nm[*è*]n ['m' accentuated]**	move, displace, shift (to) [IE? = English 'move']	V: 116 – MK = ⲙⲟⲛⲙⲉⲛ	(v.) accent.
2;4;6	*mnnn* Wb 2, 82.9-14	**mn[o]n[ô]n**	bitumen, pitch; resin	V: 109 – NK = ⲙⲓⲟⲗⲱⲛ	MAT foreign? *n* = ⲗ *n* = ⲓ?
1;3;4	*mnḳ* Wb 2, 89.16-90.2	**m[ô]nq**	complete, come to an end, finish, terminate; reward	V: 116 – NK = ⲙⲟⲩⲛⲅ ⲙⲟⲩⲛⲕ 'finish; perish; fabricate'	(v.) *ḳ* = ⲅ
1;3;4	*mnt* = *mnṯ* [*mnṯ.w*]  *Wb 2, 92.2*	**M[ô]n{tè} /** **M[ô]ntch[*è*]**	Montu	V. 174 - OK = Extrapolated from ⲉⲣⲙⲱⲛⲧ ⲉⲣⲙⲟⲛⲧ ⲣⲙⲟⲛⲧ = *{iw}nwMnty* 'city [of] Montu'	GOD *ṯ* = ⲧ
1;4;5	*mntw* = *ntw*  Wb 2, 355	**m[è]nt{[ô]w} /** **[e]nt{[ô]w}**	them (pron.; French: 'eux', 'elles')	V. 147 - Neo Egypt. = ⲛ̄ⲑⲱⲟⲩ ⲛ̄ⲧⲟⲟⲩ	PRON schwa *w* = ⲱⲟⲩ *w* = ⲟⲟⲩ *t* = ⲑ
1;3;4	*mnḥ*  Wb 2, 87.8-11	**m[ô]nkh**	mount, string (beads) [; fix [a necklace]] [IE? = English 'mount']	V: 112 – OK = ⲙⲟⲩⲗϩ 'fix, join'	(v.) *n* = ⲗ

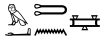
					ḫ = ⲉ
1;3;4	*mny* [*mni*] = *mn*{*iw*} Wb 2, 73.13-74.10	**m[ô]næ /** **m[ô]n{è}**	moor; steer; die (metaphor) [IE = English 'moor']	V: 9 - OK (Pyr) = ⲙⲟⲟⲛⲉ ⲙⲟⲛⲓ	(v.) {DIA} *i* = ⲉ *i* = ⲓ {*iw*} = ⲉ {*iw*} = ⲓ *i* ⇔ {*iw*}
1;3;4	*mny* [*mn*{*iw*}] Wb 2, 75.11	**{[*e*]m}[ô]n{è}**	graze (to make one as pastor)	V: 9 - ? = *ⲁⲙⲟⲛⲉ ⲁⲙⲟⲛⲓ	(v.) {DIA} [*e*] = ⲁ [ô] = ⲁ {*iw*} = ⲓ
-	*m-ḳd* Wb 5, 76.15	**m[è]-q[o]d[è]**	in the form of; like	OK (Pyr) = ϭⲟⲧ (TLA)	CONJ
1;2;3	*mḳmḳ* [*mḳ*]  = *mḳmḳ*  Wb 2, 159.1	**m[i]q[è] ['q' accentuated, with or without duplication]**	rest, sleep	V: 110 – Ptol. = ⲙⲓⲕⲉ	MED accent
1;2;3	*mr* = *mr*{*iw*}.*t* Wb 2, 98.11	**[a]m[é]r /** **[a]m[è]r{è} ['m' accentuated]**	hoe [IE? = French patois 'marre' = Latin 'marra' but also SEM Akkadian 'marru". Interestingly it is V: who makes the connection referring it as "ancient term"]	V: 42 - Neo Egyptian = ⲁⲙⲏ ⲁⲙⲉ ⲉⲙⲉ	TOOL AGR {DIA} {*iw*} = [] *r* = []
1;2;3	*mr*  Wb 2, 105.1-8	**m[ô]r**	bind; attach; chain [IE = English 'moor'?]	V: 119 – NK (Dyn. XVIII) = ⲙⲟⲣ ⲙⲟⲩⲣ ⲙⲉⲣ	(v.) [ô] = ⲟ [ô] = ⲟⲩ [ô] = ⲉ
1;2;3	*mr.t*  Wb 2, 105.16	**m[é]r[è]**	pack of clothes	V: 120 – ? = ⲙⲏⲣⲉ ⲙⲏⲓⲣⲓ ⲙⲁⲓⲣⲉ ⲙⲉⲣⲉ	TOOL [é] = ⲏ [é] = ⲉ [é] = ⲁⲓ
2;3;5	*mrḥ*  Wb 1, 111.13	**[a]mr[é]H[è]**	pitch [asphalt]	V: 11 - ? = ⲁⲙⲣⲏⲉ ⲁⲙⲣⲉⲉⲓ 'asphalt'	MAT accent. foreign?
1;4;5	*mrḥ* [*m*{ʿ*y*}*rḥ?*]  Wb 2, 112.4	{mè}ïr[é]h or m{õ}r?	spear, lance	V: 121 – NK = ⲙⲉⲣⲏⲉ ⲃⲉⲣⲏⲉ ⲙⲉⲣⲉⲉ ⲙⲉⲣⲉ	TOOL {DIA?} Foreign? accent. *mʿ* = ⲙⲉ
1;9;10	*mrkbt* [*m*{ʿ*y*}*rk3bwti*] Wb 2, 113.4 *mʿrk3bwti* Faulkner, 112	**m{õ}rkAb{[ô]w}{tè}/** **m*a*rkAb{[ô]w}{tè}**	chariot of war	V: 31 - Foreign borrowing = ⲃⲉⲣⲉϭⲱⲟⲩⲧⲥ ⲃⲣϭⲟⲟⲩⲧ + Cannanean: *markabti*; Akkadian: *narkabtu*	TOOL foreign *w* = ⲱⲟⲩ

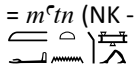
0;4;4	*mrš* [*mᶜrš*] Wb 2, 113.1 = *mlš* [(Demotic)]	**{mè}rsh**	red (light or bright) [IE = French 'rouge']	V: 121 – Ptol. = ⲙⲏⲣϣ ⲙⲣϣ 'red, ginger [French 'roux]' and ⲙⲣⲟϣ 'to become red or yellow' (v.) or ⲙⲟⲣϣ 'yellowish' (adj.)	MAT *mᶜ* = ⲙⲏ *mᶜ* = ⲙ *r* = *l*
0;3;3	*mrt* [*mᶜrt*] Wb 2, 113.6	**{mè}rt**	beard; chin [IE? = Armenian 'մորուք' 'morouq'?]	V: 120 – Late P. = ⲙⲁⲗⲧ ⲙⲟⲣⲧ 'beard'	BOD foreign *mᶜ* = ⲙⲁ *mᶜ* = ⲙⲟ *r* = ⲗ
1;2;3	*mrw* [*mr.w*] = *mri* Wb 2, 105.9-14	**m[é]r /** **m[é]ræ**	pack, packet, bundle [of something, as an ensemble of elements (plur?)]; bandage; bundle (as measure of vegetable)	V: 119 – MK = ⲙⲏⲣ ⲙⲉⲣ ⲙⲁⲁⲣ ⲙⲁⲣ ⲙⲁⲓⲣ	TOOL *i* = []
1;3;4	*mrw.t*  = *mryy.t* [*mry.t*] Wb 2, 109.13-110.3	**m[è]r{[ô]w} /** [*è*]mr{[ô]w}?	harbour, dock; jetty [IE? = French 'amerissage']; embankment	V: 118 – MK = ⲙ̄ⲣⲱ ⲉⲙⲣⲱ 'harbour' = V: 120 - ? = ⲙⲣⲁⲩⲧ suggested by V. to be read ⲙⲣⲁⲩⲉ 'harbours'	URB schwa *ii* = {oo}
1;3;4	*mrḫ* Wb 2, 112.11-12 = *mtrḫ* Wb 2, 174.15	**mr[ô]kh[è] /** **{mè}r[ô]kh[è] /** **mtr[ô]kh[è] ['kh' accentuated] /**	strainer, vessel in bronze	V: 121 – Late Per. = ⲙⲣⲱϫⲉ; vessel of some kind'. See *mrḫ* [*mᶜrḫ*].	TOOL foreign? *ḫ* = ϫ *mᶜ* = ⲙ *ḫ* = ⲉ
0;2;2	*mry* [*mr*] Wb 2, 98.12-100.11	m[è]r[è]? [odd construction for a verb]	love; desire, wish [IE? = Latin 'amare']	V: 106 – MK (OK?) = ⲙⲉⲣⲉ ⲙⲉⲛⲣⲉ ⲙⲉⲓ ⲙⲉ	(v.)
1;2;3	*ms* =plur: Wb 2, 139.1-140.6 = *ms* [(Demotic)] 'young'	**m[a]s** / m[ô]s? Plur. ms{[ô}w[è]}?	infant, child [lit. 'born one']; young animal; plants (when plur.) [lit. born / born ones, hence often used in the plural form]. Related to the name of Moses? 'the 'born one', the 'infant'?]	V: 121 – OK (Pyr) = [*ⲙⲟⲥ] ⲙⲁⲥ ⲙⲉⲥ ⲙⲏⲥ 'infant; young animal'	MAN BOT ZOO
1;2;3	*ms* Wb 2, 140.8	**m[a]s[è]** **['s' accentuated]**	calf [lit. born [cow]]	V: 121 – MK = ⲙⲁⲥⲉ ⲙⲁⲥⲓ 'calf, young bull, young animal'	ZOO [è] = ⲉ [è] = ⲓ
1;3;4	*mšᶜ* Faulkner, 119 & Wb 2, 155.2-19 =*msᶜ* [(Demotic): army, people, crowd]	**m[é]sh*a***	army; workforce [lit. a multitude? [of soldiers, people]].	V: 128 – OK = ⲙⲏⲏϫⲉ ⲙⲏϫ 'multitude, group, crowd'	MAN ᶜ = ⲉ ᶜ = []

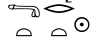


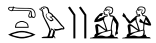
0;3;3	*mšꜥ* [*mꜥšꜥ*] Wb 2, 156.4-11 = *mšꜥ* [(Demotic)]	**{mè}sh*a***	march; walk; travel [IE = French 'marcher'?]	V: 128 – NK (Dyn. XIX) = ⲙⲁⲁϣⲓ ⲙⲁⲁϩⲉ ⲙⲟⲟϣⲉ ⲙⲟϣⲓ 'wall; depart; die'	(v.) *mꜥ* = ⲙⲁⲁ *mꜥ* = ⲙⲟⲟ *mꜥ* = ⲙⲟ *š* = ϩ
1;4;5	*ms-ꜥꜣ* [*ms-{ꜥꜣ}*]	**ms[i]{*â*}**	nurse	V: 122 - (Demotic) = ⲙⲉⲥⲓⲱ ⲙⲉⲥⲓⲟⲩ	PRO {DIA} *ꜥꜣ* ={*â*} *ꜥꜣ* = ⲱ
1;3;4	*msḏ* = *msḏḏ* = *msdd* (Dyn. 18) = *msd.y.t* Wb 2, 154.10-11	**m[o]sdj[è] /** **m[o]sdj[è] /** **m[o]sd[è]** **[accentuation by duplication]/** **m[o]sdï**	hateful (what is; subst. f.) [evil] [IE? = English 'misdeed'; OEB: Old English misdæd "misdeed, evil deed, sin," common Germanic compound (cf. Old Saxon misdad, Old Frisian misdede, Middle Dutch misdaet, German Missetat, Gothic missadeþs; see mis- (1) + deed (n.).].	TLA DZA 24.403.350 - OK (Pyr) = ⲙⲟⲥⲧⲉ ⲙⲟⲥϯ	ABS accent. duplic. *ḏ* = ⲧⲉ *ḏ* = ϭϯ [*è*] ⇔ *y*
0;7;7	*mšdd.t* [*mꜥšꜣdydy.t*] Lesko, Dictionary I, 247 [TLA]	**{mè}shAdïdï / {mé}shAdï? Accentuation by duplication?**	comb	V: 129 – Late = ⲙϣⲧⲱⲧⲉ ⲙⲓϣⲧⲱⲧⲉ ⲙⲁϣⲑ	TOOL Foreign? *mꜥ* = ⲙ ï = i
1;4;5	*msḏr* Wb 2, 154.13-16 = *msḏr msḏ* (Demotic)	**m[a]sdjr /** **m[a]sdj**	ear; handle	V: 132 - OK (Pyr) = ⲙⲁϣϫ ⲙⲁϣⲧⲁ ⲙⲉϣⲧ ⲙⲁⲁϫⲉ ⲙⲉϫ	TOOL foreign? *s* = ϣ *ḏ* = ⲧ *ḏ* = ϫ *r* = []
1;3;4	*msḏy* [*msḏ*] Wb 2, 154.1-9 = *msdd* = *mst* (Demotic)	**m[ô]sdj[è] /** **m[ô]sd[è] /** **[accentuation by duplication]** **m[o]st[è]**	hate, detest	V: 122 – OK (Pyr) = ⲙⲟⲥⲧⲉ ⲙⲟⲥϯ ⲙⲉⲥⲧⲉ ⲙⲉⲥⲧⲱ	(v.) accent. duplic. *ḏ* = ⲧⲉ *ḏ* = ϯ *dd* = ⲧⲉ *dd* = ϯ
0;4;4	*msdyy.t* [*msdy*] Wb 2, 154.10-11	**msdï ['d' accentuated]**	hated (adj.)	V: 122 – OK (Pyr) = ⲙⲉⲥⲧⲉ ⲙⲥⲧⲟⲩ ⲙⲉⲥⲧⲟⲩ	ABS accent. *d* = ⲧ *y* = ⲉ *y* = ⲟⲩ
1;4;5?	*mskꜣ* Wb 2, 150.3-5 = *ỉmskꜣ* [*ỉmsk{ꜣw}*]	M[a?]skA / æm[a?]sk{Au}	leather, hide [IE = Armenian մաշկ 'mashk']	TLA – OK (Pyr)	MAT {DIA} foreign?

1;4;5	*mšpn.t* [*mˁšpn.t*] Wb 2, 157.6	**{mè}shp[ô]n[è]** **['n' accentuated]**	scab, scabies	V: 129 – ? = ⲙⲁⲯⲡⲱⲛⲉ ⲙⲉⲯⲡⲟⲛⲉ ⲙⲉⲯⲫⲟⲛⲓ 'name of a decease' = 'scab?'	MED accent. *mˁ* = ⲙⲁ *mˁ* = ⲙⲉ
1;6;7	*mssb.t* [*mˁswbw.t*]  CERNY: 91	**{mè}s{[ô]w}bw[è]** **['w' accentuated]**	needle?], an object in metal	V: 122 – N = ⲙⲉⲥⲱⲃⲓ ⲙⲉⲥⲱⲡⲉ ⲉⲙⲥⲱⲡⲉ ⲉⲙⲥⲟⲃⲓ 'needle'	TOOL Foreign accent. *mˁ* = ⲙⲉ *b* = ⲡ *w* = [] [*è*] = ⲉ [*è*] = ⲓ
0;3;3	*msty* [*msti*] = *mst* Wb 2, 151.5-8	m[è]s{t*é*} / m[è]st[è]	basket for fruits, herbs or fishes. See *msd.t.*	V: 123 – ? = Related to ⲙⲉⲥⲧⲉϩⲏⲧ ⲙⲉⲥⲧⲛϩⲏⲧ ⲙⲉⲥⲧⲉⲛϩⲏⲧ 'belly'	TOOL accent.
1;2;3	*msy* [*ms*] Wb 2, 142.2	**m[é]s[è]**	interest [from a loan; lit. 'the born [fruits/seeds/grain]]	V: 122 – MK = ⲙⲏⲥⲉ ⲙⲏⲥⲓ	ECO [*è*] = ⲉ [*è*] = ⲓ
1;2;3	*msy* [*ms*] Wb 2, 137.4-138.17	m[ô]s[è]? / **m[i]s[è] / m[i]s[i] ['s' accentuated]**	give birth; beget; create; produce	V: 121 – NK = ⲙⲓⲥⲉ ⲙⲓⲥⲓ Related to ⲧⲙⲉⲥⲓⲟ ⲧⲙⲁⲥⲓⲟ ⲑⲙⲉⲥⲓⲉ ⲑⲙⲉⲥⲓⲟ 'make give birth' (*dy.t msy*)	MED accent. [*è*] = ⲉ [*è*] = ⲓ
0;4;4	*mšyḫ*	**mshïkh**	revenge?	V: 128 - (Demotic) = ? ⲙⲯⲓⲯ. Found in a sentence: 'to do [?] to someone'.	(v.) *ḫ* =ⲯ
1;2;3	*mt* Wb 2, 167.9-14 = *mt* [(Demotic)]	**m[ô]t / m[o]t**	vessel (of the body), vein, tendril, cord; muscle	V: 124 – MK = ⲙⲟⲩⲧ Plural: ⲙⲟⲧⲉ ⲙⲟⲧ 'nerve, tendril; articulation; neck'	BOD
1;2;3	*mt.t*  Wb 2, 168.6	**m[é]t**	middle [IE = Spanish 'mitad']	V: 124 – MK = ⲙⲏⲧ	ABS
0;4;4	*mtˁt*	**mtɑt**	bride	V: 122 - (Demotic) = ⲙⲧⲁⲧ 'licou, laisse'	TOOL foreign?
-	*m-tȝ-wnw.t* [*m-tȝ-wn.t*] = *n tȝ wnw.t* [*n tȝ wn.t*] Wb 1, 316.11 = *twnw* (Demotic)	**m[è]tAw{n[ô]}w** m[è]t{Au}{n[ô]}w? **/** **n[è]tAwn[oo] /** **t[oo]n[oo]**	immediately [lit. 'in this hour']; now	V. 147 - OK (Pyr) = ⲛⲧⲉⲩⲛⲟⲩ ⲛⲧⲟⲩⲛⲟⲩ	TIME ADV {DIA?} *m* = ⲛ *ȝ* = ⲉ *ȝ* = [] *w* = ⲩ
1;4;5	*mtgt*	**m[a]t[è]gt[è]** **['t' accentuated]**	army; military camps	V: 122 - (Demotic) = ⲙⲁⲧⲉⲑⲧⲉ	MARS accent foreign?

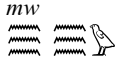


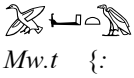




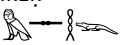
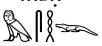
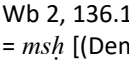


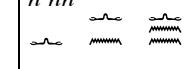
					g = ϭ
0;4;4	*mṯn* = *mʿtn* (NK - Amarna) Faulkner, 122 & Wb 2, 176.1-7 = *myt* [(Demotic)]	**matchn /** **matn /** **m[a]ït**	path, road; path (through life)	V: 109 – OK = ⲙⲱⲓⲧ ⲙⲟⲉⲓⲧ	ENV *ṯ* = ⲧ
1;3;4	*mtr* Wb 2, 171.9-20 = *mtr* [(Demotic)]	mt[ô]r	present, be; witness, be; show	V: 123 – OK (Pyr) = Related to ⲙⲧⲟ ⲙⲑⲟ 'presence'	(v.) *r* = []?
1;3;4	*mtr.t* [*mtr.t*] Wb 2, 174.6-7 = *mtr* [(Demotic)]	**m[è]tr[*è*] ['r' accentuated]**	midday [IE = French 'midi', German 'mittag', English 'midday']	V: 119 – NK = ⲙⲉⲉⲣⲉ ⲙⲉⲣⲓ	TIME accent. *t* = []
0;3;3	*mtrw* [*mtr.w*] Plural: Wb 2, 172.5-10	**m[*è*]tr[*è*]** **Plur. m[*è*]tr{[ô]w[*è*]}**	witnesses [and not 'witness' sing. as in WB]	V: 117 – OK (Pyr) = ⲙⲛⲧⲣⲉ ⲙⲉⲑⲣⲉ Plural ⲙⲉⲧⲣⲉⲉⲩ ⲙⲉⲑⲣⲉⲩ from sing.	MAN *w* = ⲉⲉⲩ *w* = ⲉⲩ
1;3;4	*mtw.t* Wb 2, 169.5-8	**m[a]tw[*è*] ['w' accentuated]**	poison	V: 125 – OK (Pyr) = ⲙⲁⲧⲟⲩⲉ ⲙⲁⲧⲟⲩ ⲙⲉⲧⲟⲩ ⲙⲁⲑⲟⲩⲓ	MAT MED accent. *w* = ⲟⲩ
1;4;5	*mtwk*	[*è*]mt{[o]w}k	you (m.sing)	Vieira: 247 - (Demotic)	PRON
1;4;5	*mtwt*	[*è*]mt{[o]w}t	you (f.sing)	Vieira: 247 - (Demotic)	PRON
1;5;6	*mtwtn*	[*è*]mt{[o]w}*ten*	you (plural)	Vieira: 247 - (Demotic)	PRON
1;2;3	*mw* = *mʿ.w* Wb 2, 50.7-53.1	**m[ô]w /**	water	V: 126 – A = ⲙⲱⲟⲩ ⲙⲟⲟⲩ [Interestingly V. states '= phon. *mów* avec *o* bref et fermé'. This is perhaps correct for the second term but not for the second where ⲱ stands for a long o = ô]. Also in ⲙⲟⲩⲛⲟϣⲓ 'rain [lit. water in [of] suspension]	ENV *w* = ⲱⲟⲩ *w* = ⲟⲟⲩ
1;1;2	*mw.t* [illegible]	**m{[ô]w} /** m[ô]? **/** m[oo]t? [later	mother; mother [-goddess]; ancestral mother [IE = English '**mo**ther']	V: 126 – OK (Pyr) = ⲙⲁⲩ ⲙⲁⲁⲩ. Also extrapolated from *pꜣ dy Mw.t* {: pA- d{o} m[oo]t = ⲡⲉⲧⲉⲙⲟⲩⲧ	FAM *w* = ⲁⲩ *w* = ⲁⲁⲩ

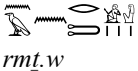


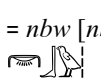


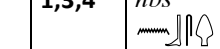
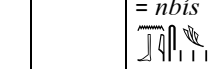
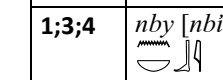
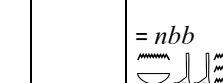
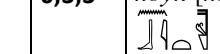
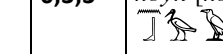
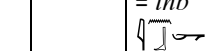
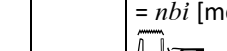
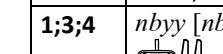
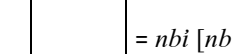
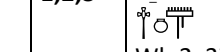
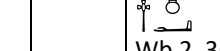
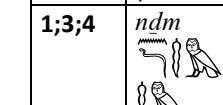
	 Wb 2, 54.1-10	period?]		Medamoud [that which is given by Mout?]	
1;3;4	*mwt* Wb 2, 166.10-17	**m[ô]wt**	death [IE = French 'mort']	V: 107 – ? = ⲙⲱⲟⲩⲧ ⲙⲟⲟⲩⲧ	MED *w* = ⲱⲟⲩ *w* = ⲟⲟⲩ t non silent
1;3;4	*mwt* Wb 2, 165.8-166.9 = *mw.t* [*mwt*] [(Demotic)]	**m[ô]wt**	die [IE = French 'mort'?]	V: 107 – OK (Pyr) = ⲙⲱⲟⲩⲧ ⲙⲟⲟⲩⲧ	MED *w* = ⲱⲟⲩ *w* = ⲟⲟⲩ
0;2;2	*mwy* [*my*] Wb 2, 53.2-3 = *mɜ* (Demotic)	**mï**	urine (n.); humidity, saliva; body fluids [IE? = French 'hu**mi**dité, mouiller']	V: 106 – MK = ⲙⲏ	MED *y* = ⲏ
0;6;6	*mḫmḥ* [*mꜥḥɜmꜥḥɜ*] Wb 2, 131.15	**{mè}khA{mé}kh{Au}**	Flower of some kind = Purslane? = Common Purslane (*Portulaca oleracea* L.)	V: 131 – Neo Egyptian = ⲙⲉϩⲙⲟⲩϩⲉ ⲙⲉϩⲙⲟⲩϩⲓ 'Common Purslane (*Portulaca oleracea* L.)'	BOT Foreign? {DIA} *mꜥ* = ⲙⲉ *mꜥ* = ⲙⲟⲩ
-	*m-ḫnw* [*m-ḫn.w*] Wb 3, 370.16-371.24 = *ḥn* (Demotic)	**m-Ħn /** **Ħ[*è*]n**	in; inside [lit. 'in residence of'] [IE = English 'in'], in the interior of, within	V. 303 - Second Inter. Per. = ϩⲉⲛ ϩⲛ ϧⲉⲛ ϩⲛ	ADV *m* = [] *ḫ* = ϩ *ḫ* = ϧ *ḫ* = ϩ
-	*mḫt* ꜥɜ [*mḫt* {ꜥɜ}]	**m[a]Ħt-{*â*}**	rectum	V: 132 - (Demotic) = Extrapolated from ⲛⲟϭ ⲙⲁϩⲧ and ⲙⲉϩⲧⲟ	BOD {DIA} ꜥɜ = ⲟ} *ḫ* = ϩ
-	*mḫt ḫm*	**m[a]Ħt Ħ[*è*]m**	intestine, small = small intestine	V: 132 - (Demotic) = ⲙⲁϩⲧ ⲱⲙⲙ	BOD *ḫ* = ⲱ
1;3;4	*mḫtw* = *mꜥḥ.t* Wb 2, 135.4-6 = *mḫt* (Demotic)	**m[a]Ħt / {** **mè}Ħt /** **m[è]Ħt**	entrails	V: 131 - MK = ⲙⲁϩⲧ ⲙⲁϧⲧ ⲙⲉϩⲧ ⲙⲉϩⲧⲉ	BOD *ḫ* = ϩ *ḫ* = ϧ
1;3;4	*mḫy myḥ*	**m[i]khï / mïkh[è]**	fight	V: 122 - (Demotic) = ⲙⲓⲱⲉ ⲙⲓⲱⲓ ⲙⲉⲱ ⲙⲁⲱ	(v.) *ḥ* = ⲱ
0;4;4	*mḫyr* [TLA = *mtrḫ.t* but this seems unlikely] Cerný, CED 97	{mè}khïr	basket [or similar]. Related to 'Meshir'?	V: 129 – ? = Related to ⲙⲱⲓⲣ 'censor'?	TOOL *mꜥ* = ⲙ *ḥ* = ⲱ
0;4;4	*mḫyr* [*mꜥḫyr*] 	**{mè}khïr**	Mekhir /Meshir [6th Month of Calendar]	V: 129 – Ptolemaic = ⲙⲱⲓⲣ ⲙⲉϫⲓⲣ ⲙⲉϫⲓⲁ;	CAL *mꜥ* = ⲙ}

	Wb 2, 131.13-14			see *mḫyr* 'censer'	*ḫ* = ⲱ *ḫ* = ⲭ *y* = ⲓ *r* = ⲗ
0;1;1	*my* [*m*] Wb 2, 36.1-2	**m[*è*] ['m' accentuated]**	take!	V: 106 – OK (Pyr) = ⲙⲉ ⲙⲟ	(v.) imp.
1;2;3	*my.t* [*mii.t*] Wb 2, 42.4.7	**[è]m{oo}** **Plural. *èm{[ô]w[è]}**	cat (female; 'chatte' in French)	V: 42 - MK = ⲉⲙⲟⲩ ⲁⲙⲟⲩ pl: [*ⲉⲙⲱⲩⲉ] ⲉⲙⲱⲩⲓ ⲉⲙⲟⲟⲩⲉ	ZOO; ONO; *ii* = ⲟⲩ *w* = ⲱⲩ *w* = ⲟⲟⲩ
0;4;4	*myn3* [*min3*] Wb 2, 44.1	**mænA**	there, towards here (prep.)	V: 114 – NK = ⲙⲛⲁⲓ	PREP *3* = ⲁⲓ
1;3;4	*mz* Faulkner, 105 = *mis.t* [*mws.t*] Faulkner, 105 =*mws* [(Demotic)]	**m[æ]z[*è*] /** **mæ[oo]s[*è*] /** **mæ{[ô]w}s[*è*] ['z' or 's' accentuated]**	liver?, body organ, mentioned with lungs and other organs	V: 127 – MK = ⲙⲁⲟⲩⲥⲉ ⲙⲁⲟⲩⲥⲓ	BOD accent. *z* = ⲥ *w* = ⲟⲩ [*è*] = ⲉ [*è*] = ⲓ
1;3;4	*mzḥ*  = *msḥ*  Wb 2, 136.10-14 = *msḥ* [(Demotic)] Plural: *msḥyw* 	**mz[a]H /** **ms[a]H /** **Plural: msH{oo}w[è]**	crocodile	V: 123 – OK = ⲙⲥⲁϩ Plural: ⲙⲥⲟⲟϩ [metathesis with AE]. The term seems to have survived in the name of Lake Ti**msaH**, south of Ismaïliya.	ZOO *z* = ⲥ s = ⲥ *ii* = {oo}
?	*n* Wb 2, 194	[a]n[o?]	We [nous] - Our (notre) (suffix - pron. 2nd plural)	V: 9 - Neo Eg. = Extrapolated from *my-n* = ⲁⲙⲟⲓⲛⲓ / ⲁⲙⲟⲓⲛⲓ	PRON
1;2;3	*n* Wb 2, 193.3-194.7 = *n* (Demotic)	**n{[ô]w}**	to, for (prep.)	V: 134 - OK = ⲛⲁⲩ ⲛⲱⲟⲩ	PREP *w* = ⲁⲩ *w* = ⲱⲟⲩ
1;1;2	*n* 	**n[a]**	to (dative)	V: 135 - OK = ⲛⲁ (employed in Theban	PREP

	Wb 2, 193.3-193.19			dialect. V. cites ⲛⲁⲕ = ϯⲛⲁⲕ 'I give [to] him'; or ⲁⲓ–ⲛⲁⲕ I gave [it] to him)	
1;1;2?	*n* = Wb 3, 193.3- 194.1	**n[a]**	to, for, at (dative);	Extrapolated from V. 254 = Surviving in ⲙⲁ–ⲯⲉ ⲛⲁⲕ 'go [to=you]! = French: 'vas-t-en!' 'na' as also been suggested by internal poetry analysis (see Vartavan, 2014)	PREP
1;1;2	*n* (sing. masc) = *ni* = *ny* (fem. sing) = *n.t* [*nt?*] (masc. plur) = *nw* (fem. plur) = *n.t* [*nt*] (masc. dual) = *nwy* [*n{wy}*] (fem. dual) Wb 3, 196.3	**n[i] /** **næ /** **nï (masc.)** n[i?]t? **(fem.)** **{n[ô]w} (masc. plur.)** n[V?] **(fem. plur.)** **n{*ō*} (masc. dual)** n[V?]tï **(fem. dual)**	of (genitive)	Extrapolated from V. 29 - Neo Egyptian = ⲃⲉⲛⲓⲡⲉ ⲃⲉⲛⲓⲡⲓ ⲃⲁⲛⲓⲡⲉ from 'iron", literally 'metal of the sky" ⲃⲉ–ⲛⲓ –ⲡⲉ.	ADJ {DIA} *i* = ⲓ *y* = ⲓ
-	*n htp*	n-h[ô]tp	suddenly [lit. hastily] [IE = Armenian: 'shtap' 'quick?]	V. 272 - (Demotic) = Related to ⲯⲱⲧⲡ ⲯⲧⲟⲡ [metathesis] 'to hasten'	ADV
0;2;2	*n nn*  (Late) = (Ptolemaic) Wb 2, 195.7-8 = *n* [written *bn*] (Demotic)	**n[*è*]n ['n' accentuated]**	not (negation)	V: 135 - OK = ⲛ– ; The Ptolemaic form is linked to n[è]n{oo} 'child'.	NEG accent.
-	*n ỉ3y n*	n-DjAï-n **/** n-Dj{o}-n?	since [lit. 'of taking of'] (prep.)	V: 153 - (Demotic) = ⲛϫⲓⲛ	PREP {DIA?} *y* = ⲓ {ôï}?

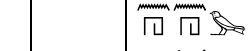
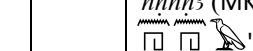
0;2;2	*N.t* [*Nt*] = *Nr.t* Wb 2, 198.9	**N[*è*]t /** **N[*è*]r ['n' accentuated]**	Neith	Extrapolated from V: 17 - MK = ⲛⲉⲑ in ⲧⲁⲛⲉⲑ 'The one of Neith' = ⲁⲥⲉⲛⲉⲑ ⲁⲥⲉⲛⲏⲑ	GOD accent. *t* = ⲑ t not silent *r* = ⲑ
0;2;2	*nˁ* = *nˁy* [*n{ˁy}*] Wb 2, 206.7-21	**n*a* /** **n{*ō*}**	go, navigate	V: 136 & 138 - OK (Pyr) = ⲛⲁ 'go' [only?] / ⲛⲟⲩⲉ ⲛⲟⲩⲓ ⲛⲟⲩ	(v.) NAV {DIA} ˁ = ⲁ ˁ*y* = ⲁ ˁ*y* = ⲟⲩ
0;2;2	*nˁ* Wb 2, 206.4-6; = *nˁˁ* [*n{ˁˁ}*] (emphatic form) = *nˁ* (Demotic)	**n*a* /** **n{ā}**	merciful, have pity	V: 136 - XIX = ⲛⲁⲁ ⲛⲁ ⲛⲁⲉ ⲛⲁⲓ ⲛⲉⲉⲓ ⲛⲉⲓ ⲛⲉⲉ	(v.) {DIA} ˁ = ⲁⲁ etc.
0;2;2	*nȝ* Wb 2, 199.1-3 = *nȝ-n* (until ?th dyn.)	**nA /** **nAn**	that, this (demonstr. adj. with the subtlety of French 'ceci', German 'dieses'), by extension 'the' [French 'les']	V: 133 - MK = ⲛⲉⲛ ⲛⲉ ⲛⲓ ⲛ = *nȝ n mw* 'the waters' (lit. this of water'). The full form *nȝ-n* is reduced to *nȝ* at a later stage, ex: 'The men':  *nȝ n rmṯ.w* = *nȝ rmṯ.w*	DEM *ȝ* = ⲉ *ȝ* = ⲓ *ȝ* = []
-	*nȝ iḫr* = *niˑir ḫr* *nȝy ḫr*	**nA æḪr / nA ær Ḫr / nAï Ḫr**	in front (prep.)	V: 152 - (Demotic) = ⲛⲁϩⲣⲛ ⲛⲁϩⲣⲉⲛ	PREP
0;2;2	*nȝy* [*n{ȝy}*] Wb 2, 199 & DZA 24.654.960 = TLA DZA 24.655.100 = *n{ȝy}* (Demotic)	**n{o}**	your (possessive article) (French 'tes')	V: 137 - ? = ⲛⲟⲩ ⲛⲉⲩ	PRON {DIA} *ȝy* = ⲟⲩ *ȝy* = ⲉⲩ
0;2;2	*nȝy-i* [*n{ȝw}i*] Wb 2, 199.7	n{o}-æ	my (plural of possessive adj. 1st. sing. masc.; = French 'nos') [lit. 'those [of] mine']	V: 135 - OK = ⲛⲁ. (V. states that the form goes back to ⲛⲟⲩ 2nd singular fem.)	PRON {DIA} *ȝy* = ⲁ
-	*nȝy-n* [*n{ȝy}n*] 	n{o}-n	those (of; masc. as French 'ceux (de)' or fem. as 'celles	V: 135 - OK = ⲛⲁ.	DEM {DIA}

	Wb 2, 199.3b		(de)'		*ȝy* = ⲁ
0;2;2	*nȝy-w* [*n{ȝy}-w?*] Wb 2, 199	n{o} or n{o}w[é]?	their (poss. art. 3rd plural)	V. 147 - OK (Pyr) = [*ⲛⲁϫ] ⲛⲟϫ ⲛⲉϫ	PRON {DIA} *ȝy* = ⲉϫ *ȝy* = ⲟϫ
1;3;4	*nʿyy.t* [*n{ʿy}.t*] = *nʿyȝ.t* [*n{ʿy}ȝ.t*] Wb 2, 207.17	**n{õ} /**	pole	V: 140 - Neo E. = ⲛⲁⲉⲓⲱ ⲁⲛⲁⲓⲱ [metathesis?]	TOOL {DIA} ʿ*y* = ⲉⲓⲱ ʿ*y* = ⲁⲓⲱ
1;2;3	*nb* Wb 2, 227.5-230.14 = *nb* (Demotic)	**n[é]b**	lord, master, possessor	V: 138 - ? = ⲛⲏⲃ	TIT
1;2;3	*nb* Wb 2, 237.6-239.13 = *nbw* [*nb.w*]  = *nb* (Demotic)	**n[ô]b /** **n[[ô]w]b** **n[oo]b**	gold	V: 139 - OK = ⲛⲟϫⲃ	MAT [oo]
1;2;3	*nb.t* Wb 2 227.1	n[é]b?	basket	V: 138 - - OK (Pyr) - Related to ⲛⲏⲃ 'object' cited in a list?	TOOL
1;2;3	*Nb.t* = *Nbyy.t* [*nb{ȝy}*] Wb 2, 242.5	**Nb[ô] /** **Nb[o]**	Kom Ombo [temple]	V: 108 – NK (Amarna) = ⲛⲃⲱ ⲛⲃⲟϫ	GEO {DIA} *ȝy* = [o]
1;3;4?	*nb.t* [*nbt?*] (Pyr.) Wb 2, 232.4-16	n[é]b[è]t? [reading uncertain for lack of indicative elements or Coptic equivalent - the 't' is likely to have been pronounced however]	mistress	V: 137 - OK (Pyr) - Related to ⲛⲏⲃ?	TIT
-	*nb.t-ḥw.t* [*nbt-ḥ.t*] Wb 2, 233.6	**Nèb[è]t-H[è] ['H' accentuated]**	Nephthys '(lit. 'The Mistress of the House')	V: 140 - MK = ⲛⲉⲑⲱ ⲛⲉⲫⲱ	GOD accent. *ḥ* = ⲏ

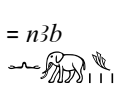
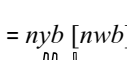
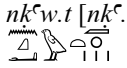
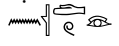
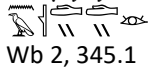
	= *nb.t ḥ.t* (Demotic)				*ḥ* = **ϕ**
1;3;4	*nbs*  = *nbis*  Wb 2, 245.10-246.2	**n[ô]bs** n[oo]bs? **/** **n[ô]bæs** n[oo]bæs?	Christ-thorn, jujuba [*Ziziphus spina-Christi* L.]	V: 140 - OK (Pyr) = *ⲛⲱⲃⲥ ⲛⲟⲩⲃⲥ	BOT
1;3;4	*nby* [*nbi*]  = *nbb*  Wb 2, 236.10-11 = *nby* (Demotic)	**n[é]bæ /** **n[é]b[*è*] ['b' accentuated] /** **nbï**	swim [IE = Spanish 'nadar'?]	V: 139 - OK (Pyr) = ⲛⲏⲏⲃⲉ ⲛⲏⲃⲉ ⲛⲉⲉⲃⲉ ⲛⲉⲃⲓ ⲛⲓⲃⲉ [a school case of how an original Ancient Egyptian phoneme [é] / ⲏ may be variably declined in its Coptic dialectical counterparts]	(v.) *i* = ⲉ [é] = ⲏⲏ [é] = ⲏ [é] = ⲉⲉ [é] = ⲉ [é] = ⲓ
0;3;3	*nby.t* [*nbi.t*]  Wb 2, 243.15-19	[*e*]nbæ	reed [as tool]	V: 118 – Ptol. = Related ⲙⲃⲁⲓ ⲙⲡⲁⲓ 'spindle'	TOOL schwa *n* = ⲙ
0;3;3	*nby.t* [*nbꜣ.t*]  = *ỉnb*  = *nbi* [methathesis]  Wb 2, 243.5-9;	[*e*]nbA[i] / ænb[*è*?] / [*e*]nbæ	pole, carrying pole	V: 118 – NK (Dyn. XVIII) = Related to ⲙⲃⲁⲓ ⲙⲡⲁⲓ 'spindle'	TOOL schwa *n* = ⲙ *ꜣ* ⇔ *i*
1;3;4	*nbyy* [*nby*]  = *nbi* [*nb{iw}*]  Wb 2, 241.1-7	**n[ô]bï /** **n[oo]bï / n[oo]b{è}**	goldsmith, gold worker [French: 'orfèvre'; German: 'goldarbeiter']	V: 140 - MK = Related to ⲛⲟⲩⲃ 'gold'	PRO {DIA} *y* = gen
1;2;3	*nḏ*  Wb 2, 376.18-20	**n[a]dj / n[è]dj**	thread	V. 145 - MK = ⲛⲁⲧ ⲛⲉⲧ	TOOL *ḏ* = ⲧ
1;3;4	*nḏ*  Wb 2, 369.11-370.10 = *nt* (Demotic)	**n[ô]dj /** **n[o]t**	grind	V. 145 - NK (earlier) = ⲛⲟⲧ ⲛⲁⲧ ⲛⲟⲩⲧ	PRO *ḏ* = ⲧ
1;3;4	*nḏm*  Wb 2, 378.9-379.21	**n[ô]dj[*è*]m /** **n[oo]dj[è]m ['dj' accentuated]**	sweet, pleasant (v. & adj.) [?IE = Armenian 'noush']	V. 147 - OK (Pyr) = ⲛⲟⲧⲉⲙ ⲛⲟⲧⲙ ⲛⲟⲩⲧⲉⲙ ⲛⲟⲩⲧⲙ	ABS *ḏ* = ⲧ [è] = ⲉ
1;3;4	*nḏm-w* [*nḏm*] *nḏm* Wb 2, 378.2-7	n[ô]dj[*è*]m n[oo]djm?	Caroube tree? [Lit. 'The sweet tree?]	V. 213 - Ptolemaic = Related to ⲛⲟⲩⲧⲙ 'sweet' =	BOT [oo]

1;3;4	*nḏḥ*	**n[ô]djϯ**	splash	V: 152 - (Demotic) = ⲛⲟⲩⲭⲉ	(v.) [ô] = ⲟⲩ *ḥ* = ⲉ
1;2;3	*nḏy-w* [*nwḏ*] Wb 2, 370.16-18 = *nyt* (Demotic)	**n{[ô]w}dj /** n[o]ït?	flour	V: 141 - MK = Related to ⲛⲱⲓⲛⲓ ⲛⲟⲉⲓⲧ ⲛⲁⲉⲓⲛ?	AGR MAT
0;3;3	nem	**nem**	dwarf [IE = French 'nain'?]	Vieira: 197 - (Demotic) with silent 'e' written	MAN
1;2;3	*nf* = *nf*{[*ȝ?*]*y*} Wb 2, 250.15-18	**n[è]f /** n[è]f{o}?	blow (of wind; of breadth) [?IE = French 'nef' (boat)]; wind	2nd Inter. Per. = ⲛⲉⲕ. Related to ⲛⲉⲉⲕ ⲛⲉⲕ barge driver [French 'batelier']; sailor (V. 149). Related to *nfy* 'blow' (v.)	PRO {DIA?}
?	*nf.t* (OK) = *nfyy.t* [*nf*{[*ȝ?*]*y*}.*t*] Faulkner, 131 & Wb 2, 250.10	n[è]ft? / n[è]f{o}?	fan	V. 149 - OK = Related to ⲛⲓⲫⲉ 'blow' (v.); 'wind'	TOOL {DIA?}
1;3;4	*nfr* = *nfr* (Demotic) Wb 2, 253.1-256.15	**n[ô]fr[è] / n[oo]fr[è]**	good (adj.); to be good; beautiful	V. 150 - OK? = ⲛⲟⲩⲫⲉ 'good'. Also in ⲡⲉⲣⲛⲟⲩⲫⲉ 'The Good Seed' (unidentified plant?). V. 164	ABS accent. r = []
?	*nfr.t* Wb 2, 259.3-9	n[ô]fr[è] ['r' accentuated]	good [thing; in the sense of advantage]	V. 150 - OK? = Related to ⲛⲟⲩⲣⲉ 'advantage'	ABS accent.
-	*nfr-w* Faulkner, 131 & Wb 2, 259.10-23 = *nfr-w* (Demotic)	nfr{[ô]w[è]}?	good things; good deeds	V. 150 - OK (Pyr) = Related to ⲛⲟⲩⲫⲉ 'good'	ABS
1;2;3	*nfw* Faulkner, 131 & Wb 2, 251.1-7	n[ē]f / n[è]f{[ô]w}?	skipper, barge driver [French 'batelier']; sailor,	V. 149 - MK = Related to ⲛⲉⲉⲕ ⲛⲉⲕ	PRO w = []? [ē] = ⲉⲉ
1;3;4	*nfy* Wb 2, 250.11-13	**n[ô]fï**	blow on, breath on (to)	V. 149 - OK = ⲛⲓⲫⲉ ⲛⲓⲫⲓ [metathesis with AE term]	(v.)
0;3;3	*nfy* Wb 2, 251.8	nfï	darkness? [French 'ténèbres?]; fog?	V. 149 - Ptol. = Related to ⲛⲓⲫ 'fog'; 'snow'?	TIME
2;4;6	*ngng* =	n[ô]gn[ô]g	cry, [shriek] (of the goose or of the falcon [sic])	V. 153 - ? = ⲛⲟϭⲛⲟϭ	ONO ZOOP

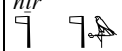
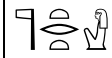
	= (LE) No WB? Van der Molen, Dictionary of Coffin Texts, 252 (TLA)				
1;2;3	*nḥ* Wb 2, 282.5	**n[ô]H / n[ô]H[*è*] ['H' accentuated]**	shake	V. 151 - Ptol. = ⲛⲟⲩ ⲛⲟⲩⲉ ⲛⲉⲩ ⲛⲟⲩ	(v.) accent
1;3;4	*nḥ.t* = *nḥ3* = *nḥi* [Ptol.] Wb 2, 282.6-283.2 = *nḥ3y* [*nḥ{3y}*] = *nhy* (Demotic)	**n[oo]h[*è*] ['h' accentuated] /** **n[oo]hA /** **{n[o]w}hæ /** **n[*è*]H{ô} [metathesis?]**	sycamore; any tree with leaves	V. 151 - OK (Pyr) = ⲛⲟⲩⲉ ⲛⲟⲩⲓ	BOT {DIA} accent [è] = ⲉ [è] = ⲓ [*è*] ⇔ *ȝ* ⇔ *i*
1;2;3	*nḥ.w* = *nwḥ* Wb 2, 223.6-13 = *nwḥ nḥ* (Demotic)	**{n[ô]}H**	rope	V. 151 - OK (Pyr) = ⲛⲟⲩ ⲛⲟⲩⲩ	TOOL *w* = ⲟ *w* = ⲟⲩ
1;3;4	*nḥb* Wb 2, 293.3-7 = *nḥb* (Demotic)	**n[ô]H[*è*]b ['H' accentuated]**	harness [lit. 'to neck', 'to shoulder'?]; yoke (to); appoint (to)	V. 151 - NK (Dyn. XVIII) = ⲛⲱⲩⲉⲃ ⲛⲟⲩⲉⲃ ⲛⲟⲩⲃ	(v.) accent
1;3;4	*nḥb.t* Wb 2, 292.9-16 = *nḥb.t* (Demotic)	**n[a]Hb[*è*] ['b' accentuated]**	neck; nape (French: 'nuque')	V. 151 - OK (Pyr) = ⲛⲁⲩⲃⲉ ⲛⲁⲩⲃⲓ	BOD accent.
2;2;4?	*nḥḥ* Faulkner, 137 & Wb 2, 299.2-302.9 = *nḥyyt* (Dyn. XXIII) [second *ḥ* is an aesthetic disposition; see *nḥ.w* 'oil' for a similar case]	**[æ]n[é]H[*è*]** **['H' accentuated]**	eternity [IE = English 'eternity'?]	V: 44 - OK (Pyr) = ⲁⲛⲏⲩⲉ ⲉⲓⲛⲏⲩ ⲉⲛⲉⲩ ⲉⲛⲉⲩⲓ	TIME accent. [æ] = ⲉⲓ [æ] = ⲁ [æ] = ⲉ
1;3;4	*nḥm* Wb 2, 295.12-297.4 = *nḥm* (Demotic)	**n[ô]Hm /** n[oo]Hm?	take away, save, protect; remove, steal [semantic shift]	V. 152 - OK (Pyr) = ⲛⲟⲩⲙ ⲛⲟⲩⲩⲙ	(v.)
0;5;5	*nḥmḥm* Wb 2, 286.3-4	**nh[*è*]mh[*è*]m** [only 'nh[*è*]m' because of accentuation by	roar [of the sky lions]	V: 101 – ?. = ⲁⲩⲉⲙ. See also *ḥmḥm*	ONO accent

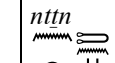
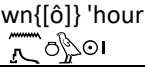
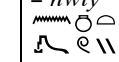
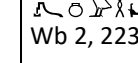
		reduplication?]			*n* = ⲗ
1;4;5	*nḥnḥ* Wb 2, 2.282-285 Seemingly related to *nḥnḥ*  'shake, quake' and also *nḥnḥ3* (MK)  'to be shaken' Wb 2, 286.6	**n[è]hn[ô]h** n[è]hn[oo]h? **/** **n[è]hn[ô]hA**	shake, agitate	V. 152 - Ptol. = ⲛⲉϩⲛⲟⲩϩ ⲛⲟϩⲙ	(v.) ONO?
1;3;4	*nḥp* = *nḥ3*[*p*] Wb 2, 284.3-4	**n[a]hp[è] / nhAp[è] [metathesis?]**	impregnate, cover [sexual act] (French 'saillir'), beget, copulate	V. 151 - OK = ⲛⲁϩⲃ ⲛⲁϩⲃⲓ	(v.) accent. *p* = ⲃ
0;3;3	*nḥp* Wb 2, 284.17 = *nḥp*	**n[è]hp[è] [‘p’ accentuated]**	mourn	V. 152 - MK = ⲛⲉϩⲡⲉ ⲛⲉϩⲡⲓ	(v.) accent. [è] = ⲉ [è] = ⲓ
1;3;4	*nhr*	**nh{[ô]w}r**	fright	V: 152 - (Demotic) = ⲛϩⲟⲩⲣ. Related to *nhr* a designation of Seth.	ABS *w* = ⲟⲩ
1;4;5	*Nḥsy* Wb 2, 303.3-7	N[è]hsï	southerner, man of the south (also man of Punt); Nubia	V. 161 - OK = Related to ⲡⲓⲛⲉϩⲁⲥ ⲫⲓⲛⲉⲉⲥ [a personal name 'Phinèas']	TIT
1;4;5	*nḥty* Wb 2, 303.14 = *nḥty* (Demotic)	**n[a]htï**	believe, trust	V. 152 & 218 - NK (Dyn. XIX) = ⲛⲁϩⲧⲉ ⲛⲁϩⲧ ⲛϩⲉⲧ ⲛϩⲟⲩⲧ Related to ⲧⲁⲛϩⲟⲩⲧ 'believe' (lit. cause to trust' [= *dyt. nḥty*]	(v.) *y* = ⲉ
1;2;3	*nḥw nḥḥ* Wb 2, 302.17-20 [second *ḥ* is an aesthetic disposition; see *nḥḥ* {[a]n[è]H 'eternity' for similar case]	**n[é]H /** **n[è]H /** n[æ]H?	oil of olive	V. 151 - NK (Dyn. XIX-XX) = ⲛϩϩ ⲛⲉϩ	BOT MAT [è] = ⲉ [è] = ⲏ
1;3;4	*nḥy* [*nḥi*] Wb 2, 280.11	n[ô]Hæ	shy, lack (to)	V: 101 – OK (Pyr) = Related to ⲗⲉϩ ⲗⲏϩ ‘fear, worry’	(v.) *n* = ⲗ
1;4;5	*nḥzy* Wb 2, 287.3-9	**n[ô]Hzï**	awake [oneself] up; wake up [someone]; awake (be)	V. 218 - OK (Pyr.) = ⲛⲉϩⲥⲉ. Related to ⲧⲛⲁϩⲥⲟ 'wake up [someone]'	(v.) *y* = ⲉ

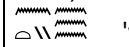
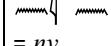
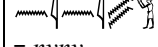
0;3;3	*nhzy* [*nḥzi*] = *nḥs* Wb 2, 287.3-9 = *nhs* (Demotic)	**n[*è*]hsæ /** **n[*è*]hs[*è*]**	wake up; to be woken up	V. 152 - OK (Pyr) = ⲛⲉϩⲥⲉ ⲛⲉϩⲥⲓ	(v.) accent. *i* = ⲉ *i* = ⲓ [è] = ⲉ [è] = ⲓ
0;3;3	*nkʿ-w* [*nkʿ.w*] Wb 2, 343.14	**Nk*a***	pains of child giving	V: 142 - Ptolemaic = ⲛⲁⲁⲕⲉ ⲛⲁⲕϩⲓ [metathesis]	MED ʿ = ⲁⲁ ʿ = ⲁ
1;2;3	*nkt* [*nk.t*] Faulkner 141 & Wb 2, 347.12-16 = *nkt* (Demotic)	**nk[a]**	some, a little bit of; matter, thing	V: 141 - MK = ⲛⲕⲁ ⲛϫⲁⲓ	ABS *k* = ϫ
1;2;3?	*nkw* Wb 2, 345.11	n[ô]k? [vocalisation difficult]	fornicator	V: 141 - OK = ⲛⲱⲓⲕ ⲛⲟⲉⲓⲕ ⲛⲁⲉⲓⲕ ⲛⲁⲓⲕ	ABS
1;2;3	*nmʿ* Wb 2, 266.7-8	**n[i]{mè}** **['m' elongated, with or without duplication]**	sleep; sleeping (subst.)	V: 139 - NK (Dyn. XVIII - Amarna) = ⲛⲓⲙ ϩⲓⲛⲓⲙ	(v.) elong. MED
1;3;4	*nmt.t* Wb 2, 270.4-21	n[ô]mt?	go, stride through, walk	V: 143 - OK (Pyr) = Related to ⲛⲟⲙⲧ 'force' (V. asks if semantic shift?)?	(v.) t non silent?
1;2;3	*nn* = *nn* = *nni* (Pyr) Wb 2, 215.20-23	**n[*è*]n[oo] /** **{n[ô]w}{n[ô]w}** **/ n[*è*]næ**	child, boy	V: 97 – OK (Pyr) = ⲗⲉⲗⲟⲩ ⲗⲓⲗⲟⲩ Plur. ⲗⲉⲗⲗⲩⲉ [lèl{ôw}è] ⲗⲁⲩⲉ	MAN accent *n* = ⲗ [*è*] = ⲓ *w* = ⲁⲩⲉ
2;4;6	*nnšm* Wb 2, 276.17-20	**n[ô]n[ô]shm**	spleen [French 'rate']	V: 141 - OK (Pyr) = ⲛⲱⲓⲱ*ϣ* [V. states that this is a case of the law of STAUB where n = y (or similar) in front of a fricative] ⲛⲟⲉⲓ*ϣ*	MED foreign? *n* = y y = ⲓ STAUB m = []
1;2;3	*nnw* [*nn.w*] Wb 2, 214.18-215.4 = *nwn* (Demotic)	**N[ô]n /** **N[oo]n**	water (primordial) = primordial waters	V. 143 - OK (Pyr) = ⲛⲟⲩⲛ 'Hell, depth of Hell; sea depth; abyss' [semantic shifts brought by Christian religious philosophy]	DIV
0;4;4	*nnyb* [*nnyb*] Wb 2, 276.9-14 = *nʿib.w* 	**n[*e*]næb[*è*] /** **n{o}b[*è*] /**	styrax?; odoriferous resin; tree parts	V. 144 - NK (Dyn. XVIII) = ⲛⲉⲛⲉⲃⲉ ⲛⲉⲛⲉⲉⲃ =*nywbn*	BOT foreign {DIA}

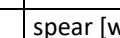
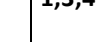
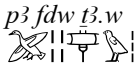
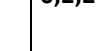
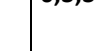
	= *nnb* = *nɜb*  = *nyb* [*nwb*]  'sort of wood' Wb 1, 63.10-14	**n{[ô]}n{[ô]}b[*è*]** **nAb[è] /** **n{o}b[*è*]**		 'odoriferous tree'	
1;4;5	*npn.t* Wb 2, 248.13	**n[a]pn[*è*] ['n' accentuated]**	seed of wheat [cereal seed?]	V. 144 - OK (Pyr) = ⲛⲁⲡⲛⲉ ⲛⲉⲡⲛⲉ '[cereal?] seed'	BOTP accent? *n* = ⲛ *p* = ⲡ
1;4;5	*npry* [*npri*] Wb 2, 249.4-5 = *npy* (Neo E.) = *npy* (Ptol.) = *nipi* [aesthetic distribution] = *npi* 	**n[a]præ /** **n[a]pï /** **næpæ /** **{n[ô]}pæ**	wheat	V. 144 - OK (Pyr) = ⲛⲁⲡⲣⲉ ⲛⲁϥⲣⲓ 'wheat [and generally cereal?] seed; grape seed; mustard'	BOTP *p* = ϥ *i* = ⲉ *i* = ⲓ
0;3;3	*nḳʿw.t* [*nḳʿ.w.t*]  Wb 2, 343.8-12	**nq*a***	sycamore fig's fruit which is notched	V: 95 – MK = ⲗⲕⲱ ⲗⲕⲟϒ ⲉⲗⲕⲱ	BOT *n* = ⲗ
1;3;4	*nḳdd*  = *nɜḳdydy*  Wb 2, 345.1 = *nkty* (Demotic)	**nq[ô]d[*è*] /** **nAq[ô]dï ['d' accentuated through duplication]**	sleep [see also *ḳd.t*]	V: 142 - MK = ⲛⲕⲟⲧⲕ 'sleep, fall asleep: to lie down; die (euphemism). 'sleep; death'.	(v.) MED accent. duplic. *ḳ* = ⲕ *d* = ⲧ *d* = k?
1;4;5	*nḳr*	**n{[ô]w}q[*è*]r**	scissor	V: 132 - (Demotic) = ⲛⲟϒⲕⲉⲣ	TOOL foreign? *w* = ⲟϒ
1;2;3	*nr.t* = *nri* = *nr{iw}* [*nr{iw}*] Wb 2, 277.1-3	**n[oo]r[*è*] /** n[ô]r[*è*]? **/ n[oo]ræ /** **n[oo]r{è}**	vulture	V. 144 - OK (Pyr) = ⲛⲟϒⲣⲉ	ZOO accent. *r* = ⲣ *i* = ⲉ {*iw*} = ⲉ [oo] [*è*] ⇔ *i* ⇔ {*iw*}

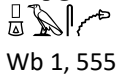
1;3;4	*nry* [*nrỉ*] Wb 2, 279.11-13	**n[è]ræ**	time period (fixed)	V: 141 - NK = ⲛⲉⲓ ⲛⲉⲉ 'delay; period; instant'	TIME [è] = ⲉⲓ [è] = ⲉⲉ r = []
1;2;3	*ns* Wb 2, 320.8-17	**n[a]s / n[è]s**	tongue; language [IE = Latin 'lingua" / 'langue']	V: 99 – OK (Pyr) = ⲗⲁⲥ ⲗⲉⲥ	BOD *n* = ⲗ *s* = ⲥ
1;2;3	*ns.t* Wb 2, 321.6-323.15 = *ns.t* (Demotic)	**n[é]s[*è*] ['s' accentuated]**	seat; throne [IE = Armenian նստեl 'nstel' 'to sit']	V. 144 - OK (Pyr) = ⲛⲏⲥⲉ 'seat; bench; or similar'	TOOL accent [é] = ⲏ [è] = ⲉ
1;3;4	*nš.t* Faulkner, 140 & Wb 2, 337.6-7	nsh[i]t	hairdresser, coiffeuse	V. 149 - NK (Dyn. XVIII) = Related to ⲛϣⲓⲧ 'hairlock?'	PRO *t* = t
1;3;4	*nšp* = *nšpi* Wb 2, 339.1-8	**n[ô]shp** / **n[ô]shpæ**	inhale, breath; feel	V. 148 - MK = Related to ⲛⲟⲩⲉϣⲡ 'blow; scare' (v.)	(v.) accent
1;3;4	*nsr* Wb 2, 335.4-11	**n[a]sr / n[oo]sr**	destroy; burn up; shrivels	V. 144 - OK (Pyr) = ⲛⲁⲣⲥ ⲛⲟⲩⲣⲥ [V. rightly suggests as metathesis]	META
1;2;3	*nss* = *nssy* Wb 2, 336.12-13	**n[ō]s[*è*] [long 'o' and 's' accentuated by duplication] / n[ō]sï**	break, deteriorate	V: 99 – MK = ⲗⲱⲥ ⲗⲱⲥ ⲗⲟⲩⲥⲉ	(v.) accent. duplic. ō long *n* = ⲗ *ss* = ⲥⲉ
1;3;4	*ntf* = *ntf* = *nt{iw}f* Wb 2, 356.3-5 = *mtw-f* (Demotic)	**[*e*]nt[o]f /** **[*e*]ntch[o]f /** **[*e*]nt{è}f /** **[*e*]mtof**	he, him (pron. 3rd. masc.); that (neutral form); [belongs] to him .	V. 147 - OK (Pyr) = ⲛ̄ⲧⲟϥ ⲛ̄ⲑⲟϥ	PRON {DIA} schwa *f* = ϥ *t* = ⲑ *t̲* = ⲑ *n* = m
1;3;4	*ntf* Wb 2, 356.9-10 = Wb 2, 263.3 = *ntf* (Demotic)	**n[ô]tf**	untie, slacken, loosen (to)	V. 147 - 2nd Interm. Per. = ⲛⲟϥⲧ ⲛⲟⲩⲧϥ ⲛⲟⲩϥⲧ ⲛⲉϥⲧ	(v.) [oo] *f* = ϥ
0;2;2	*nti* = *nt* (Ptol.) = *nty* 	**[*e*]n{té} /** **[*e*]nt[*é*] ['t' accentuated] /** **[*e*]ntï**	who, which, the one who, the one which	V: 47 - OK (Pyr) = ⲉⲧⲉ ⲉⲧ	PREP accent schwa *y* = ⲉ

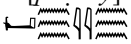
	 Wb 2, 351.8-352.22 = *nty* (Demotic) = ntt (fem.) Plural: = *n3.w* = *nt3.w* (MK) = *nt.w* 	**fem: [*e*]nt[*é*]t [*e*]nA / [*e*]ntA / nt[a]**	those who, the ones which		
1;3;4	*ntk* Wb 2, 357.2-3	**[*e*]nt[o]k**	you [French: 'tu', 'toi'] (pron. 2nd sing.masc.)	V. 145 - OK (Pyr) = ⲛ̄ⲧⲟⲕ ⲛ̄ⲑⲟⲕ	PRON schwa
1;3;4	*ntr*  Wb 2, 358.1-360.14 Plur. masc. *ntrw* = plur. fem.	**n[ô]tch[è]r / n[oo]t[*e*]r ['tch' or 't' accentuated] Plural (masc.): *n[ô]tch[è]r{[ô]w[è]} / *n[oo]t[*e*]r{[ô]w[è]}**	god	V. 145 - OK (Pyr) = ⲛⲟⲩϯϵ.	DIV accent [oo] *t* = ϯ r = []
1;3;4	*ntr.t* = *ntr.t*  Plural: *ntr.w.t* (Ptol.) Wb 2, 362.4-14	**[*e*]ntch[ô]r[è] / [*e*]nt[ô]r[è] Plur. [è]nt[o]r[ô]w[è]**	goddess	V. 145 - MK = ⲛⲧⲱⲣϵ 'she-devil; bad fay' [= sorceress; classic semantic shift under Christendom, in Egypt and elsewhere]. ⲛⲧⲱⲣϵ also survived in ⲛⲓⲧϵⲛⲧⲱⲣⲓ 'Dendara'	DIV schwa accent. *t* = ⲧ
1.3.4	*nts* = *nts* Wb 2, 356.14	**[*e*]nt[ô]s / [*e*]ntch[ô]s**	she (pron. third sing. fem.)	V. 147 - MK = ⲛ̄ⲧⲟⲥ ⲛ̄ⲑⲟⲥ	PRON schwa *t* = ⲑ *t* = ⲑ
1;3;4	*ntt* = *ntt* [Ptol.]	**[*e*]nt[o]t / [*e*]nt[o]tch /**	you (pron. 2nd. pers. sing. fem.)	V. 145 - NK = ⲛⲧⲟ ⲛⲑⲟ ⲛⲧⲁ	PRON schwa *w* = o

	 Wb 2, 357.7 = *mtwt mtw?* (Demotic)	**[*e*]mt[o]t, [*e*]mt[o] /**			
1;4;5	*nt̲tn*  = *nttn* Wb 2, 357.8 = *mtw-tn* (Demotic)	**[*e*]nt[ô]tch[*è*]n / [*e*]nt[ô]t[*è*]n / [*e*]mtot[*è*]n**	you (pron. 2nd plur.)	V. 147 - NK (Dyn. XIX) = ⲛ̄ⲑⲟⲧⲉⲛ ⲛ̄ⲧⲱⲧⲉⲛ	PRON schwa accent *t* = ⲑ
1;1;2	*nw* Wb 2, 218.4-216 = *nw3* = *nw* (Demotic)	**{n[ô]} /** **n{[ô]w}A** **n{[ô]w}**	see [IE = Armenian Նայել' 'naiel'?] [A writing * *n{3y}* should be possible in view of Coptic]	V. 147 - NK (Dyn. XVIII) = ⲛⲁⲩ ⲛⲉⲩ	(v.) *w* = ⲁⲩ
1;1;2	*nw* Wb 2, 219.1-15	**n[ô]**	time [IE = English 'now' with semantic shift?]	V. 147 - OK (Pyr) = ⲛⲁⲩ. Related to {: wn{[ô]} 'hour' 	TIME
0;1;1	*nw* [*n.w*] Wb 2, 216.2-12	**n[*è*]** [n[{ô}w?]	these one	V. 307 - OK (Pyr) = ϩⲏⲛⲉ	INT accent
1;1;2	*nw.t* Wb 2, 210.6-212.4	**n{[ô]w}**	town, village, city	V: 137 - Related to *Nwkr̲t* = *Nwkr̲t* (Demotic) [lit. 'the town [of] Kratch = 'autocrator?'] = ⲛⲁⲩⲕⲣⲁⲧⲓⲥ	HAB BAY
1;3;4	*nwd.t* = *nwty*  Wb 2, 225.12-14	**{n[ô]}wd /** **n{[ô]w}tï [t accentuated]**	swaddling clothes [of baby] (French: 'langes')	V. 148 - 2nd Inter. Per. = ⲛⲱⲟⲩⲧ	TOOL *w* = ⲱⲟⲩ *d* = ⲧ *y* = ï
1;3;4	*nwe*	**n[o]we**	time, hour	Vieira: 249 - (Demotic)	TIME
1;3;4	*nwḥ*  Wb 2, 223.14-15	{n[ô]}w}H	bind [IE = French 'nouer'?]	V. 148 - NK = Related to ⲛⲁⲩϩ ⲛⲟⲟⲩϩ ⲛⲟⲩⲟⲩϩ 'turn; return (v.). Related to *nwḥ* 'rope'.	(v.) *w* = ⲁⲩ *w* = ⲟⲟⲩ *w* = ⲟⲩⲟⲩ
-	*Nwkr̲t* [*Nk3r̲t*] = *Nwkr̲t* (Demotic)	**N[ô]kAr[a]tch /** **KAr[a]tch /** **N[ô]kAr[a]tch**	Naucratis [lit. 'the town [of] 'karatch' whatever 'karatch' means: 'Autocrat'?]	V. 147 - Late Per. = ⲛⲁⲩⲕⲣⲁⲧⲓⲥ	LOC [ô] = ⲁⲩ
1;3;4	*nwt*	**{n{[ô]w}t**	pool [of water]	V. 145 - OK (Pyr) =	ENV

	 = ? *nw(y).t* 'water; ripple' = ? *nty* (Ptol.) Wb 2, 221.14-19  'water, or similar' Wb 2, 198.10-15	**{n{[ô]w}t /** **n[oo]tï**		ⲛⲟⲩⲧ	t non silent
1;3;4	*nḫt* Wb 2, 317.4-10	**n[a]kht[*è*] ['t' accentuated]**	strength; victory; rigidity [of members]	V. 148 - NK = ⲛⲁϣⲧⲉ ⲛⲁϣϯ 'strength; protection'	ABS accent. *ḫ* = ϣ t[*è*] = ϯ t[*è*] = ⲧⲉ
1;3;4	*nḫt* Wb 2, 314.6-315.4	**n[ô]kht**	strong (to be); strenghten (to)	V. 148 - 2nd Interm. Per. (earlier?) = ⲛⲟⲩϣⲧ ⲛⲟⲩϩⲧ 'make strong; make hard; become strong; become heavy'	(v.) *ḫ* = ϣ *ḫ* = ϩ
-	*nḫt ḥr* Wb 2, 315.27	**n[a]kht[*è*]-Hr[a]**	opinionated; violent [lit. 'strong [of] face]	V. 148 - NK = ⲛⲁϣⲧ–ϩⲣⲁ 'insolent' [slight semantic shift]	ABS *ḫ* = ϣ
1;4;5	*nḫt.i* [*nḫti*] Wb 2, 318.7	**n[i]khtæ**	giant	ⲛⲓϣϯ 'tall" [word cited by V. on page 149]	ABS *ḫ* = ϣ *i* = ⲓ *ti* = ϯ
0;2;2	*ny* [*ni*] *n*  = *ny* (MK) = *n.t* (fem.) = *nw* (plur. masc.) Wb 2, 201-3	**næ /** **nï /** **n[*e*] / n**{oo} / næ, na / **n{[ô]w}**	of (gen. prep.)	V: 134 - OK = ⲛ. The primitive form *ni* survived in ⲃⲉⲛⲓⲡⲉ ⲃⲉⲛⲓⲛⲧⲓ 'metal of the sky' = 'iron'. [AE 'na' is possible since V. 144: 'ⲡⲓⲣⲉⲙⲛⲁϩⲥⲓ' = 'Pirèmnaéci' = Pi + rèm + na + éci' 'The man of Isis"].	
0;4;4	*nyny* [*nini*]  = *nyny* Wb 2, 203.8-13	**nænæ /** **nïnï**	salutation! Greeting (German: 'Gruss'; lit. 'cause to water')	V. 191 - OK (Pyr.) = Related to ⲥⲛϩⲓⲛⲓ 'hydraulic wheel'	GREET
1;2;3	*ny-sw.t* [*ns.w.t*] Wb 2, 325.1-329.10	n[è]s	king; king of Upper Egypt; royal	V. 266 - NK (earlier?) = Extrapolated from ϣⲛⲥ 'royal linen' [lit. '[of] king, linen' = ⲛⲥ + ϣ = *šs ny-*	ADJ

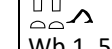
				sw.t [*š nsw.t*] =  (OK)	
1;3;4	*nywy* [*nˁ{wy}*]  Wb 2, 202.15	**n{ō}[i]**	spear [weapon]	V. 147 - NK (Dyn. XIX)= ⲛⲁⲩⲓ ⲛⲁⲃⲓ	TOOL {DIA}
0;1;1	*p.t* Wb 1, 490.10-492.1 = *p.t* (Demotic)	**p[*è*] ['p' accentuated]**	heaven(s) / sky	V. 157 - OK = ⲡⲉ ⲫⲉ	ASTR accent.
0;2;2	*pꜣ* Wb 1, 494.1-12	**pA**	fly; take off	V. 157 & 158 - OK (Pyr) = Related to ⲡⲉ ⲡⲏⲓ ⲫⲉⲓ ⲫⲏⲓ 'jump'?	(v.) *ꜣ* = ⲉ *ꜣ* = ⲏ *p* = ⲡ *p* = ⲫ
0;2;2	*pꜣ* Wb 1, 492.3-493	**pA**	the (demonst. adj.)	V. 157 - MK = ⲡⲉ	DEM *ꜣ* = ⲉ
-	*pꜣ dy Mw.t* No Wb?	**pA- d{o} m[oo]t**	Medamoud [that which is given by Mout?]	V. 165 - ? = ⲡⲉⲧⲉⲙⲟⲩⲧ	LOC *ꜣ* = ⲉ *d* = ⲧ
-	*pꜣ fdw tꜣ.w* 	**pA fd{[ô]w} tchA{[ô]w}[*è*]**	cardinal points, four = the four cardinal points [lit. 'the four winds']	V. 281 - ? = ϥⲧⲟⲩⲧⲏⲩ ϥⲧⲟⲩⲑⲏⲟⲩ	CARD
-	*pꜣ ỉw rḳ* [*p{iw} rḳ*] Wb 1, 47.9	p{è}-r[a]q	Philae [lit. the island (of) [?]]	V. 159 - Ptolem. = ⲡⲓⲗⲁⲕ	LOC {DIA} *ỉw* = ⲓ *r* = ⲗ
0;2;2	*pˁ.t*  Wb 1, 503.2-11	**P*a***	men; people humankind; patricians [IE = English '**pe**ople' or '**pa**tricians'?]	V. 158 - NK (Dyn. XIX) = ⲡⲏ	MAN *a* = ⲏ
0;3;3	*pꜣd*  Wb 1, 500.7-12 = *pꜣd* Wb 1, 501.8	**pAd**	knee	V. 165 - 2nd Inter. Per. = ⲡⲁⲧ ⲫⲁⲧ	BOD p = ⲫ *d* = ⲧ
0;3;3	*pꜣd* Wb 1, 500.13-501.6	**pAd**	kneel	V. 165 - NK = Related to ⲡⲁⲧ ⲫⲁⲧ ' knee'	(v.) p = ⲫ *d* = ⲧ
-	*pꜣn* 	**pAn**	that of (poss. pref.)	V. 157 - MK = ⲡⲁ ⲫⲁ	DEM *ꜣ* = ⲁ *p* = ⲫ
0;3;3	*pꜣḳ* Wb 1, 499.6-7	**pAq[*è*] ['q' accentuated]**	thin; fine	V. 159 - NK = ⲡⲁⲁⲕⲉ to become thin	ABS accent. *ꜣ* = ⲁⲁ *ḳ* = ⲕ
0;2;2	*pꜣy* [*p{ꜣy}*] Wb 1, 493.1 = *pꜣy* (Demotic)	**p{o}**	this one (poss. adj.)	V. 157 & 158 - MK= ⲡⲁⲓ ⲫⲁⲓ	ADJ {DIA} *y* = ⲓ *p* = ⲡ

					p = **ϕ** *ȝy* = **ⲁⲓ**
0;2;2	*pȝyi* [*p{ȝy}*] 	**p{o} + suffix**	[possessive article followed by pronominal suffixes]	V. 157 - MK = Related to **ⲡⲉⲕ** 'your' as in 'your house' **ⲡⲉⲕ ⲉⲓ** = *pȝyy-k ʿy* [*pȝy-k ʿy*]	PRON {DIA} *ȝy* = {o}
1;3;4	*pȝyi* [*p{ȝy}-i*] Wb 1, 493.1 = *pȝy-i* [*p{ȝy}-i*] (Demotic)	**p[a]{o}-æ**	mine (poss. art. 1st. sing.)	V. 157 - MK = **ⲡⲁⲱⲓ ⲡⲁ**	PRON {DIA} *ȝy* = **ⲱ**
1;2;3	*pd* Wb 1, 500.13-50	**p[ô]d**	run	V. 165 - NK = **ⲡⲱⲧ ϕⲱⲧ**	(v.) p = **ϕ** *d* = **ⲧ**
1;2;3	*pḏ.t* Wb 1, 569.7-18 = *pty.t* (Demotic)	**p[i]dj[è]** **['dj' accentuated] / p[i]tï**	bow [lit. 'a stretched/expanded one' or something similar']	V. 165 - OK (Pyr) = **ⲡⲓⲧⲉ ϕⲓⲧ**	TOOL accent. p = **ϕ** *ḏ* = **ⲧ**
1;3;4	*pds* = *psd* [metathesis?] Wb 1, 566.16-19	**p[ô]ds /** **p[ô]sd**	flatten (nose, face), destroy (town)	V. 165 - OK = Related to **ⲡⲱⲧⲥ** 'divide; hack'	(v.) *d* = **ⲧ**
0;3;3	*pfs*(*y*) = *psy* (Demotic) No Wb?	**pf[è]s /** **p[è]sï ['f' accentuated]**	cook	V. 164 - MK = **ⲡⲉⲥ ⲡⲓⲥⲉ** [latter a metathesis]. See also *fs*(*y*)	(v.) accent.
1;2;3	*pḥ* Wb 1, 533.12-535.12 = *pḥ* (Demotic)	**p[ô]H**	reach	V. 167 - OK (Pyr) = **ⲡⲱϩ ϕⲟϩ ϕⲉϩ**	(v.) p = **ϕ** **ⲡ** = **ϕ**
1;4;5	*pḥ.t.y* Wb 1, 539.5-540.9 = *pḥ.t* (Demotic)	**p[a]Htï /** **p[a]Ht[è]** **['t' accentuated]**	strength	V. 167 - NK (earlier?) = **ⲡⲁϩⲧⲉ**	ABS accent.
1;4;5	*pḥ-wy* [*pḥ{wy}*] Wb 1, 535.14 = Faulkner, 92 = *pḥ-w* (Demotic)	**p[a]H{ō}**	hinder, behind; stern	V. 167 - ? = **ⲡⲁϩⲟⲩ ϕⲁϩⲟⲩⲓ**	TOOL *wy* = **ⲟⲩ**
1;2;3	*pj* Wb 1, 489.5-7	**p[o]ï**	base, support, pedestal [in wood or stone]	V. 158 - NK = **ⲡⲟⲓ** 'stool; bench' [semantic shift]	TOOL
1;3;4	*pks.t* = *? pgs*  (NK) Wb 1, 555.15	**p[a]ks[è] / pgAs** **['p' accentuated]**	saliva	V. 167 - (Demotic) = **ⲡⲁⲃⲥⲉ**	BOD accent. *k* = **ⲃ**

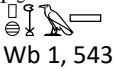
0;5;5	*pl3ge*	**plAge**	plague, wound [IE? = 'plague']	Vieira: 246 - (Demotic)	MED foreign?
1;3;4	*pnᶜ* Wb 1, 508.11-509.9 = *pnᶜ, pn*	**p[ô]n*a* / p[ô]n[è] / p[o]n[a]**	turn, put upside down (to)	V. 160 - OK (Pyr) = ⲡⲱⲱⲛⲉ ⲡⲟⲟⲛⲉ ⲫⲱⲛϩ ⲫⲉⲛϩ ⲡⲉⲉⲛⲉ	(v.) p = **ⲫ** [ô] = **ⲱⲱ** [ô] = **ⲟⲟ**
1;3;4	*pnḳ* Wb 1, 510.11-15	**p[ô]nq**	empty [water from a boat; French 'puiser', 'écopper']	V. 160 - OK (Pyr) = ⲡⲱⲛⲕ ⲡⲱⲛⲅ ⲡⲱⲛϭ	(v.) *ḳ* = **ⲅ** *ḳ* = **ϭ**
-	*pnḳ mw* [*pnḳ my*]  No Wb?	**p[ô]nq mï**	urinate [lit. 'empty urine']	See V. 160 - ? = Related to ⲡⲱⲛⲕ ⲡⲱⲛⲅ ⲡⲱⲛϭ 'empty'	(v.)
1;2;3	*pnw* [*pn.w*] = *pn* (Demotic) Wb 1, 508.6-10	**p[i]n{[ô]w}**	mouse	V. 160 - MK = ⲡⲓⲛ ⲫⲓⲛ	ZOO p = **ⲫ** **{[ô]w} = []**
2;3;5	*ppy*	**p[a]p[o]ï**	chick	V. 161 - (Demotic) = ⲡⲁⲡⲟⲓ also 'little chicken' or 'chicken'	ZOO ONO?
1;3;4	*pḳr* Wb 1, 561.6-9; = *Pḳ* (Demotic)	**P[ô]kr / P[ô]k[è]**	Poker District (Sacred 'Tree District' of Abydos)	V. 227 - MK = Extrapolated from ⲟⲩⲡⲟⲕⲉⲣ	LOC
1;3;4	*pḳr* Wb 1, 561.9	**p[ô]q[è]r** **['q' accentuated]**	tree	V. 159 & 227 - MK = ⲡⲱⲕⲉ Extrapolated from: ⲟⲩⲡⲱⲕⲉ 'the tree district' = ['district']	BOT accent. *ḳ* = **ⲕ**
0;2;2	*pr*	**p[è]r [‹p›** **accentuated]**	seed	V. 164 - (Demotic) = Extrapolated from ⲡⲉⲣⲛⲟⲩϥⲉ 'The Good Seed' (unidentified plant?)	AGR accent.
1;2;3?	*pr* No Wb?	**p[è]r[è]** **['r' accentuated]**	eczema	V. 162 - ? = ⲡⲉⲣⲉ	MED accent.
1;2;3	*pr* Wb 1, 511.7-516.1	**p[ô]r / p[æ]r / p[oo]r**	house; temple; tomb; container	V. 158 & 328- OK? = ⲡⲱⲣ ⲡⲉⲓ. Also extrapolated from [ⲭⲉⲛⲉ]ⲡⲱⲱⲣ ⲭⲉⲛⲉⲡⲱⲣ ⲭⲉⲛⲉⲫⲟⲣ ⲭⲉⲛⲉⲡⲟⲣ ⲭⲉⲗⲉⲡⲟⲗ ⲭⲙⲡⲉⲓ 'roof' (lit. 'head [/top] of house. See also ⲡⲉⲣⲓⲡⲉⲣⲟⲓ 'house [of] the king' = [*p3 pr* [*n*] *pr ᶜ3*]. Also from ⲡⲉⲣⲉⲙⲟⲩⲛ	HAB [ô] = **ⲱⲱ** [ô] = **ⲱ** [ô] = **ⲟ** [ô] = **ⲉⲓ** *r* = **ⲫ** *r* = []

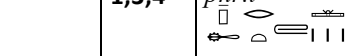
				'Pelusium' = ? *P3 ỉry 3mn* 'The house made by Amun' (V. 164). Also ⲡⲟⲩⲃⲁⲥⲧ *pr B3st* 'house of Bastet'.	
1;2;3	*pr* = *pry* (Demotic) = ? *ptr* (Pyr.) Wb 1, 564.1-19	**p[ô]r[è] /** p[ô]tr[è]?	dream [lit. see]	V. 163 - Ptolemaic = **ⲡⲱⲣⲉ ⲡⲱⲱⲣⲉ ⲡⲟⲟⲣ ⲡⲉⲣ ⲫⲉⲣ**	(v.) p = **ⲫ** [ô] = **ⲱⲱ** [ô] = **ⲱ** [ô] = **ⲟⲟ**
-	*pr B3st.t* Wb 1, 423.6-8	**p[ô]r-BAst or p[oo]r-BAst**	Bubastis (Lit. '[The] House of [the goddess] Bastet' = Tell Basta)	V. 158 - Late? = **ⲡⲟⲩⲃⲁⲥⲧ**. ['r' of 'pr' may have been silent in some cases. This may have had to do with a parallel, perhaps confusion, with the definite article *p3* which is also expressed as ; see V. 158 about this]	LOC a = **ⲟⲩ**?
-	*pr ḥw.t ḥr* [*pr ḥ.t ḥr*] 	**p[æ]r H[è]t-H[ô]r**	Pathyris	V. 158 - ? = **ⲡⲁⲑⲩⲣ ⲡⲁⲑⲩⲣⲓⲥ** [see the note above]	LOC a = **ⲁ**
-	*pr nfr*	p[*è*]r-n[oo]f[*è*]r	The Good Seed (unidentified plant?)	V. 164 - (Demotic) = **ⲡⲉⲣⲛⲟⲩⲫⲉ**	BOT r = []
0;2;2	*pr.t* = *pry* = *hr* [see also *br*] = *br* Wb 1, 530.9-531.4 = *pr* (Demotic)	**pr[è] /** **prï /** **hr[è] /** **br[è] ['r' accentuated]**	fruit; grain; product; posterity [offsprings]	V: 39 - OK (Pyr) = **ⲃⲣⲉ ⲃⲣⲁⲓ ⲃⲣⲉⲉⲓ ⲉⲃⲣⲁ** 'grain of cereal and other plants', plural: **ⲃⲣⲏⲩⲉ** [bré{oo}è]	AGR accent. plur *p* = **ⲣ** [è] = **ⲉ** [è] = **ⲁⲓ** [è] = **ⲉⲉⲓ** [è] = **ⲁ** *y* = **ⲁⲓ** *y* = **ⲉⲉⲓ** *p* ⇔ *h* ⇔ *b*
1;2;3	*pr.t* Wb 1, 530.7-8 = *pry.t* [*pr*{*3w*}.*t*] 	**pr[ô]** / pr{Au}?	winter [lit. the [month] of coming out / germinating = second season of the year]	V. 161 - NK (OK?) = **ⲡⲣⲱ ⲫⲣⲱ ⲡⲣⲟⲩ**	TIME *y* = gen. *y* = **ⲟⲩ** p = **ⲫ**
0;3;3	*Pwr* [*p*{*wy*}*r*] [aesthetic disposition] = *pri* [*pyry*] = *pwyri3* [*p*{*wy*}*r*{*i3*}] 	**p{ō}wr /** **p{ō}ïrï /** **p{ō}ïr{ä}**	Fava bean (French: 'feve' = *Vicia faba* L.). [IE = French 'fève']	V. 244 - Neo Egyptian = **ⲫⲉⲗ ⲫⲉⲗⲓ**	BOT {DIA} foreign? *wy* = **ⲉ** *p* = **ⲫ** *r* = **ⲗ**

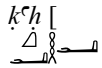
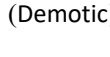
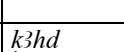
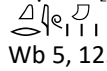
	Wb 1, 531.12				
1;3;4	*prm* [*prm.t*] No Wb?	**Pr[i]m**	Qasr Ibrim [lit. [I]brim]	V. 163 - ? = [**π**]**ριμ**	LOC
1;3;4	*prš* Faulkner, 92	**pr[é]sh**	minium, red ochre	V. 164 - (Demotic) = **πρнϣ φρнϣ**	MAT p = **φ**
1;3;4	*prṯ* = *prḏ* Cerný, CED 129 (TLA) = *prḏ* (Demotic)	**p[ô]rtch /** **p[ô]rdj**	divide, share, leave	V. 164 - NK = **πωρϫ φωρϫ**	(v.) p = **φ** *ṯ* = **ϫ**
1;3;4	*prḫ* = *prš* (Neo E.) DZA 23.430.240 Wb 1, 532.7-11 = *prḫ* (Demotic)	**p[ô]rkh /** **p[ô]rsh**	blossom [of flower], unfurl, stretch, open	V. 164 - NK = **πωρϣ φωρϣ**	(v.) *ḫ* = **ϣ** *p* = **φ**
1;2;3	*pry* [*pr*] (Ptol.) Wb 1, 518-525.3	**p[è]r[*è*]** / p[è]rï[*è*]? **['r' accentuated]**	come out, exit, come forth, go forth	V. 162 - OK (Pyr) = **πειρε πρρε πρειε πρριε**	(v.) accent.
-	*pryy.t pr ꜥꜣ* [*pry.t pr* {*ꜥꜣ*}] =*? pr pr ꜥꜣ* (Demotic) No Wb?	**prï pr-{*â*}**	palace (royal), royal palace	V. 164 - ? = **πρεπρρο** 'house [of] the king' = [*pꜣ pr* [*n*] *pꜣ pr ꜥꜣ*]. Also **περιπεροι**.	HAB {DIA} *ꜥꜣ* = **ο** ï = gen?
1;3;4	*psḏ* Wb 1, 558.10	**ps[i]dj /** **ps[i]dj[*è*] ['dj' accentuated]**	nine	V. 248 - OK (Pyr) = **φιτ** (TLA) **φιcε φιc**	NUM accent *ḏ* = **τ**
1;3;4	*psḏ.t* Wb 1, 558.12	ps[i]dj[*è*] ['dj' accentuated]	Ennead [lit. [(The) Nine (Ones)]	V. 248 - OK (Pyr) = Related to **φιcε φιc** 'nine'	GOD accent.
1;3;4	*psš* = *pzš* = *pš*{*iw*} Wb 1, 553.6-554.1	**p[ô]s[*è*]sh /** **p[ô]z[*è*]sh /** **p[ô]sh{è} ['s' accentuated]**	divide, share [IE = English '**sha**re'?]	V. 165 - OK (Pyr) = **πωϣε πωϣ φωϣ**	(v.) {DIA} *p* = **π** *p* = **φ** [*è*] ⇔ {è}
1;3;4	*psḫ* Wb 1, 550.16-18	**p[ô]s[*è*]kh ['s' accentuated]**	fall	V. 167 - MK = **πωc̄ϩ πωϣ̄c πωϩc** [latter metathesis]	(v.) accent. *ḫ* = **ϩ**



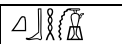
1;3;4	*psḫ* No Wb?	**p[ô]skh**	mess, embarass	V. 165 - MK = **ⲡⲱⲥϣ ⲡⲱⲥϩ**	(v.) *ḫ* = **ϣ**
1;3;4	*Ptḥ* Faulkner, 96 = *Ptḥ* (Demotic) Wb 1, 565.9-10	**Pt[a]h**	Ptah	V. 166 - OK? = **ⲡⲧⲁϩ**	GOD
1;4;5	*ptpt* Wb 1, 563.9-16	**p[ô]tpt / p[o]tp[è]t**	trample, fall over, walk over (a path)	V. 165 - NK = **ⲡⲟⲧⲡⲧ ⲫⲟⲧⲡⲧ** 'trample, walk over, trip over, destroy'	(v.) *p* = **ⲫ**
0;1;1	*pw* [*p.w*] = *p* = *pi* Wb 1, 505.2-4	**p[è]** **[‹p› accentuated] /** **pæ**	this one (demons.)	V. 157 - OK? =? Related to copulate **ⲡⲉ**	DEM accent. [è] ⇔ *i*
0;1;1	*pw* [*p.w*]	**p[è]** **['p' accentuated]**	it is! Here it is! (French: 'voici'). As in *n.t-pw* 'it is the case that (math)' (Wb 2, 351.1-2)	V. 307 - ? = Extrapolated from **ϩⲏⲏⲡⲉ ϩⲏⲡⲡⲉ** constructed like **ϩⲏⲏⲧⲉ** 'this one' (f.) = *tw* {: t[è] = French 'celle-ci' or **ϩⲏⲏⲛⲉ** 'these one' (m.) = *nw* {: n[è] = French: 'ceux-ci'	INT accent.
1;2;3	*pw* [*p.w*] No Wb?	p[è]?	may be	V. 157 - ? = **ⲡⲉ**	COND
1;3;4	*pḫꜣ* Wb 1, 543.15	**p[a]khA**	trap	V. 166 - NK? = **ⲡⲁϣ ⲫⲁϣ**	TOOL *p*= **ⲫ** *p*= **ⲡ** *ꜣ* = []
1;3;4	*pḫꜣ* Wb 1, 542.12-543.7	p[ô]khA	hack (plank); open (belly; medicine)	V. 245 - MK = Related to **ⲫⲱϩⲉⲛ** 'planks (of Syria)'	(v.)
1;3;4	*pḫꜣ* Wb 1, 542.12-543.7	**p[ô]khA**	hack, open (med) [IE = English '**op**en'?]	V. 167 - MK = **ⲡⲱϩ ⲫⲱϩ**	(v.) *ḫ* = **ϩ** *p* = **ⲫ**
1;3;4	*pḫꜣ* Wb 1, 543.10-13 = *pḥr?* (Demotic)	p[ô]khA / p[a?]khA	plank (for the deck of a ship, [plaque] of stone) [IE = English 'plank'; Spanish: 'plancha'?]	V. 245 - Neo Eg. = **ⲫⲱϩⲉⲛ** 'planks (of Syria).	NAV MAT *p* = **ⲫ** *ꜣ* = **ⲉ**
1;3;4	*pẖr*	**p[ô]hr[è] ['r' accentuated]**	bewitch	V. 167 - (Demotic) = **ⲡⲱϩⲣⲉ**	(v.) accent.

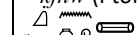
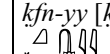
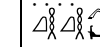
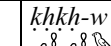


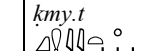
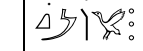
1;3;4	*pḥr.t*  Wb 1, 549.1-12 = *pḫr.t* (Demotic)	**p[a]ϯr[*è*] ['r' accentuated]**	medicine; remedy	V. 167 - MK = ⲡⲁϩⲣⲉ ϕⲁϩⲣⲓ	MED accent. *p* = **ϕ**
0;2;2	*py* = *p.t*	**p[*è*]ï / p[*è*]**	sky	V: 29 - (Demotic) = ⲃⲉⲛⲓⲡⲓ ⲃⲉⲛⲓⲡⲉ 'iron", litterally 'metal of the sky" [a clear case where the pharaonic and (Demotic) pronunciation was different, respectively 'pe' and 'pi' - unless both were used]	ASTR
0;2;2	*p[w]y* [*p{wy}*] Wb 1, 502.2 	**p{*ō*}**	flea [IE = French 'puce' or 'pou']	V. 158 - 2nd Inter. Per. = **ⲡⲏⲓ ϕⲏⲓ**	ZOO {DIA} *y* = **ⲏⲓ** *p* = **ϕ** *{wy}* = **ⲏⲓ**
0;4;4	*pypy* [*pipi*] Wb 1, 502.6-7 = *ppy* (Demotic)	**pæpæ /** **ppæ**	brick making, to make bricks	V. 161 - NK? = ⲡⲁⲡⲉ ϕⲁⲡⲉ ⲡⲁⲡⲱ ⲡⲁⲡ ⲡⲱⲱⲡⲉ	MAT *i* = **ⲁ** *i* = **ⲉ** p = **ϕ**
0;3;3	*pyt.w* [*p[ȝ]yt*] No Wb?	**P{o}[*è*]t**	Lybian of the Phaiates tribe	V. 159 - ? = ⲡⲁⲓⲉⲧ ϕⲁⲓⲁⲧ.	LAND {DIA} *[ȝ]y* = {o} *ii* = y *y* = **ⲓ** p = **ϕ** w = plur. coll.
1;3;4	*pẓḥ* = *pḥs* [metathesis] Wb 1, 550.1-10 = *pḥs* (Demotic)	**p[ô]z[*è*]H /** **p[ô]s[*è*]H /** **p[ô]Hs**	bite	V. 167 - OK (Pyr) = ⲡⲱϩⲥ [metathesis?]	(v.)
0;3;3	*ḳȝʿ* [*ḳ{ȝʿ}*] = *ḳȝȝ* Wb 5, 7.5-16	**q{Ã} /** **qAA [long 'A' by duplication - equals *ȝʿ*]**	vomit	V: 70 - MK = ⲕⲁⲃⲟⲗ	(v.) MED {DIA} {Ã} = **ⲁ** *ȝʿ* ⇔ *ȝȝ*
0;3;3	*ḳȝb* Wb 5, 22.3	**qAb** = ? q[ô]b (to double ; to multiply)	fold, wind (to)	V: 71 - Second Int. P. = ⲕⲛⲃ ⲕⲱⲃ	(v.) *ȝ* = **ⲱ** *ȝ* = **ⲛ**

	= *ḳb?* (to double ; to multiply) Wb 5, 8.7-9.12 = *ḳb* (Demotic)				
0;5;5	*Ḳ3ḏ3ti* = *G3ḏtw* No Wb?	**KAdja{tè} /** **GAdjat**	Gaza	V: 31 - Foreign borrowing	LOC accent. foreign
0;3;3	*ḳʿḥ* Wb 5, 20.9-11	**q*a*H**	land, district, nome [IE = French: '**qu**a**r**tier' ?]	V: 91 – MK = ⲕⲁϩ	LAND ʿ = ⲁ
0;3;3	*ḳ3ḥ* Wb 5, 12.9-12	**qAH**	earth, silt, clay for pottery [IE = English: '**cl**a**y**']	V: 91 – MK = ⲕⲁϩ ⲕⲁϩⲓ ⲕⲉϩⲓ [related to *ḳ3ḥ* clay for pottery]	LAND *3* = ⲁ *3* = ⲉ
0;3;3	*ḳʿḥ* [ Wb 5, 19.16-20.8 = *ḳʿḥ* (Demotic)	**q*a*H**	**co**rner [IE = French '**co**in'?]	V: 91 – OK = ⲕⲟϩ ⲕⲟⲟϩ	HAB ʿ = ⲟ ʿ = ⲟⲟ
0;4;4	*ḳʿḥ.t* [*ḳʿḥt*]  = *ḳḥt* (Demotic) Wb 5, 19.6-14	**q*a*Ht[è] ['t' accentuated]**	shoulder	V: 92 – MK = ⲕⲉϩⲧⲉ 'flank, hip'	BOD accent. ʿ = ⲉ t = not silent
0;4;4	*ḳ3ḥd*  Wb 5, 12.8	**qAhd**	smoke (meat)	V: 92 – MK = ⲕⲱϩⲧ 'fire'	(v.) *3* = ⲱ *d* = ⲧ
0;3;3	*ḳ3r* = *ḳ3r.t* = *ḳ3n* (Pyr) = *ḳ3riw* [*ḳ3r{iw}*]  Wb 5, 12.2-7	**qAr /** **qAn /** **q[a]r{è}**	lock (of door) [IE = French 'clef' (Coptic ⲕⲗⲉ)?]	V: 75 - OK (Pyr) = ⲕⲗⲗ [ancient 'r' to 'l' shift] ⲕⲗ ⲕⲗⲗⲉ ⲕⲉⲗⲓ	TOOL {DIA} *{iw}* = {è} *r* = ⲗ
0;4;4	*ḳ3rt* [*ḳ3rti*] Wb 5, 66.6 = *glt* (Demotic)	**qAr{t[é]} /** **glt[è]**	stone of a precious nature, set in gold	V. 339 - Neo Eg. = ⲟⲗⲧⲉ	MAT foreign? *ḳ* = ⲟ *r* = ⲗ *ti* = ⲧⲉ

0;2;2	*ḳ3y* [*ḳ{3y}*] Wb 5, 6 = *ḳ3.t* = *ḳ33* Wb 5, 5.3-6	**q{o} /** **kA /** **kAA** (accentuation of 'A' by duplication or long A?)	ground (elevated), high hill [linked to Arabic 'kôm'?]	V: 73 - OK (Pyr) = **ⲕⲟⲉⲓⲉ ⲕⲟⲓ** 'field in elevation, high field'	LAND {DIA} elong. *3y* = **ⲟⲉⲓⲉ** *3y* = **ⲟⲓ**
0;2;2	*ḳ3y* [*ḳ3*] Wb 5, 2.15-3.15	qA	high; tall; loud (to be)	V: 73 - NK (Dyn. XVIII) = Related to *ḳ3y* / *ḳ3y* **ⲕⲟⲉⲓⲉ** / **ⲕⲟⲓ** 'field in elevation, high field'	LAND
1;2;3	*ḳb* = *ḳbb* Wb 5, 22.5-23.20	**qb[ô] /** **qb[ô]b /**	cool; calm (to be); refresh, make fresh [IE? = English 'cool']	V: 71 - OK (Pyr) = **ⲕⲃⲟ ⲭⲃⲟⲃ ⲕⲃⲁ** 'to be fresh, to cool'. Extrapolated from **ⲧⲕⲃⲟ** = **ⲧ** + **ⲕⲃⲟ** [= *dy.t ḳbb* or similar]	(v.)
1;2;3	*ḳb.t* = *ḳb.w* Wb 5, 117.10-11 = ? *ḳby* 	**q[é]b /** q[é]bï?	jug	V: 71 - ? = **ⲕⲏⲃ ⲕⲁⲃⲓ**	TOOL [é] = **ⲏ** [é] = **ⲁ**
0;3;3	*ḳb3*	**kbA**	vengeance	V: 71 - (Demotic) = **ⲕⲃⲁ ⲭⲃⲁ**	ABS
1;3;4	*ḳbh* Wb 5, 26.5-12	**qbH[ô]**	cool, fresh; cool, refresh (to be)	If V: 73 - OK (Pyr) = **ⲕⲃⲁ** (TLA) or **ⲕⲃⲉⲱ** 'to calm down' is correct through an excessive shift.	(v.)
1;3;4	*ḳbh.t* Wb 5, 26.1	**q[ô]bH**	tendon	V: 72 - NK (Dyn. XVIII) = **ⲕⲱⲃⲉ ⲕⲟⲃⲉ ⲕⲟⲟⲃⲉ** also 'rope'	BOD [ô] = **ⲱ** [ô] = **ⲟ** [ô] = **ⲟⲟ**
1;4;5	*ḳbwy* [*ḳb{wy}*] 	**qb{ō}**	wind, fresh; [ventilated?]	V: 72 - Ptolemaic = **ⲕⲃⲱⲟⲩ** 'ventilated'	ENV {DIA} *wy* = **ⲱⲟⲩ**
1;4;5	*ḳbwy* [*ḳb{wy}*] = *ḳbb* = *ḳbḥ* (Pyr)	**qb{ō} /** **qb[ô]b /** **qb[ô]H /**	wind (fresh)	V: 72 - ? = **ⲕⲃⲱⲟⲩ** 'ventilated'	ENV {DIA} *wy* = **ⲱⲟⲩ** *w* = **ⲱⲟⲩ**

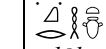
	 = *ḳbḥ.w* Wb 5, 24.13-14	**qb{[ô]w}**			
1;3;4	*ḳby / ḳbi*	**k[ô]bï**	force	V: 71 - (Demotic) = ⲕⲟⲟⲃⲉ ⲕⲉⲉⲃⲉ	ABS [ô] = ⲟⲟ [ô] = ⲉⲉ
1;2;3	*ḳd* Wb 5, 72.8-73.24 See also *iḳdw*	**q[ô]d**	form, fashion; create; build (to); pot turning	V: 40 & 89² - OK (Pyr) = ⲕⲱⲧ ⲕⲟⲧ ⲕⲉⲧ	(v.) PRO
1;2;3	*ḳd* Wb 5, 75.3-77.11 = *ḳty* (Demotic)	**q[ô]d / q[ô]tï**	manner; shape; be	V. 348 - OK = ⳟⲟⲧ	ABS
1;2;3	*ḳd* = *ḳdd* = *plur.* Wb 5, 78-79.4	**q[a]d[è] ['d' accentuated, also by duplication]**	sleep [subst. from the root *ḳd* 'to circulate [around] = to make a round tour of the night?]	V: 90 – OK = ⲕⲁⲧⲉ ⲕⲓⲧⲉ	MED accent. duplic. *ḳ* = ⲕ
1;2;3	*ḳd.t* Wb 5, 79.15-80.3	**q[i]d[è]**	weight of 9.1 gr. = double drachm or stater	V: 90 – NK (Dyn.XVIII) = ⲕⲓⲧⲉ ⲕⲓⲧ Plur. (ⲉ)ⲕⲉⲓⲁⲧ	MATH *d* = ⲧ
1;2;3	*ḳd.t* Wb 5, 78.11-14 = Wb 5, 78-79.4	**q[ô]d[è] ['d' accentuated with or without duplication]**	sleep [see also *nḳd.t*]	V: 142 - NK = ⲕⲓⲧⲉ Also related to ⲛⲕⲟⲧⲕ 'sleep, fall asleep: to lie down; die (euphemism). 'sleep; death'.	(v.) MED *ḳ* = ⲕ *d* = ⲧ
1;3;4	*ḳdf* Wb 5, 81.12	**q[ô]df**	pluck, gather	V: 90 – MK = ⲕⲱⲧⲫ [see equivalent *kfd.t* - metathesis?]	(v.) *d* = ⲧ
0;6;6	*ḳdm* [*ḳ3dj3m3*] Wb 5, 82.12 = *gḏm* (Demotic)	**qAdjAmA**	handful (of gum)	V. 351 - Neo Eg. = ⳟⲁϫⲙⲉ ⳟⲁϫⲙⲉⲥ ϫⲁⲙⲉ	MEAS foreign? *3* = [] *3* = ⲉ
1;3;4	*ḳdy* = *ḳdd* Wb 5, 78.1-8	**q[o]dï /** **q[o]d[è] ['d' accentuated by duplication]**	go around, surround; circulate, walk (have a); to look back [+ pronoun]; return	V: 89 – OK = ⲕⲱⲧⲉ [TLA] ⲕⲧⲟ ⲕⲧⲉ [metathesis; see s-*ḳdy*]. Can also be extrapolated from ⲧⲕⲧⲟ = 'cause to circulate' (V. 213)	(v.) accent. duplic.
1;3;4	*ḳfd.t* No Wb?	**q[ô]fd**	pluck	V: 72 - ? = ⲕⲱⲧⲫ ⲕⲱⲃⲧ (metathesis) ⲕⲉⲫⲧ [see equivalent *ḳdf*]	(v.)

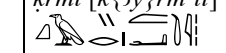
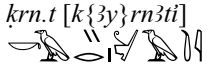
0;3;3	*ḳfn* = *ḳfnw* (Ptol.)  Wb 5, 32.16-18	**q[è]f[è]n ['q' and 'f' accentuated]** **q[è]f[è]{n[ô]w[è]}** [plural form which became a substantive during Ptolemaic times?]	pastry, bread [IE = Greek: 'Kataif'?]	V: 84 = MK = ⲕⲉⲛⲉⲫⲓⲧⲉⲛ 'bread cook in ashes' = ⲕⲉⲛⲉⲫ + ⲓⲧⲉⲛ [see *ḳfn* = *ḳnf*]	FOOD accent.
0;3;3	*ḳfn-yy* [*ḳfny*]  Wb 5, 33.1-2	q[è]f[è]nï **['q' and 'f' accentuated]**	baker	V: 84 = MK = Related to ⲕⲉⲛⲉⲫⲓⲧⲉⲛ 'bread cook in ashes' = ⲕⲉⲛⲉⲫ + ⲓⲧⲉⲛ [see *ḳfn* = *ḳnf*]	PRO accent. *y* = gen.
0;4;4	*ḳḥ* [*ḳ3ḥ3*] Wb 5, 66.8-10	**qAHA**	tame (horses)	V: 91 – OK = ⲕⲁϩ ⲕⲟϩ ⲕⲉϩ	(v.)
1;4;5	*ḳḥḳḥ*  Wb 5, 67.6-8	**q[a]Hq[è]H** **['q' accentuated]**	hammer	V. 333 - MK = ⲕⲁϩⲕ̄ϩ ϫⲁϩϫϩ ϫⲁϩϫⲉϩ ϫⲉϩϫⲱϩ also 'emboss; beat; grind (teeth)'	(v.) accent. ONO
1;3;4	*ḳḥḳḥ-w* [*ḳḥḳḥ.w*]  Wb 5, 67.9	**q[a]Hq[è]H**	mine workers [lit. [stone] hammerers/beaters]	V. 333 - MK = ⲕⲁϩⲕ̄ϩ	PRO
0;3;3	*ḳis* = *ḳ3s* Wb 5, 17.6	**qæs /** **qAs**	vomit	V. 247 - MK = ϫⲟⲥ	(v.) *i* = ⲟ *i* ⇔ *3*
1;3;4	*ḳlḏ*	**q[ô]ldj**	bend, fold	V: 80 – (Demotic). = ⲕⲱⲗϫ	(v.) *ḏ* = ϫ
1;3;4	*ḳlḥ*	**q[ô]lH**	beat; knock (at the door)	V: 80 – (Demotic). = ⲕⲱⲗϩ ⲕⲟϩⲗ [metathesis]	(v.) [ô] = ⲟ
1;9;10	*ḳliwp3dr3.t* 	**Qlæ{[ô]w}pAdrA**	Cleopatra	V: 78 – Ptolemaic = ⲕⲗⲉⲟⲡⲁⲧⲣⲁ ⲕⲗⲉⲩⲟⲡⲁⲧⲣⲁ	NAME foreign *ḳ* = ⲕ *l* = ⲗ *i* = ⲉ *w* = ⲩ [ô] = ⲟ *p* = ⲡ *3* = ⲁ *d* = ⲧ *r* = ⲣ
1;3;4	*ḳlm*	**ql[ô]m**	crown (of king) [IE? = English 'crown', French 'couronne'?]	V: 78 – (Demotic). = ⲕⲗⲟⲙ ϫⲗⲟⲙ	TOOL *ḳ* = ⲕ *ḳ* = ϫ

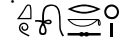
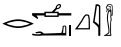
0;3;3	*ḳlm*	**qlm[*è*]** **['m' accentuated]**	band	V: 78 – (Demotic). = ⲕⲗⲙⲉ 'cataplasm'	MED accent.
0;4;4	*ḳlps* 	**Qlps**	hit	V: 80 – (Demotic). = ⲕⲗⲫ	MED *ḳ* = ⲕ *l* = ⲗ *ps* = ⲫ
0;3;3	*ḳm3* Wb 5, 38.1 = *gm* (Demotic)	**kmA /** **g[a]m**	bulls which are young, sacred and with a specific colour	V. 340 - NK = ϭⲁⲙ 'bull'	ZOO *ḳ* = ϭ *g* = ϭ
-	*ḳm3 t3* includes *ḳm3* Wb 5, 36.6-7	**q[o]mA-tA**	Creator of earth = Earth Creator	V: 81 = OK = ⲕⲟⲙⲧⲱ	GOD LAND *3* = [] *3* = ⲱ
0;4;4	*ḳm3m* Wb 5, 37.14-16 = *ḳm km3* (Demotic)	**qmAm,** **qAm, kmA**	rush, reed (*Juncus maritimus* L.)	V: 77 = Ptol. = ⲕⲁⲙ [metathesis?] ⲕⲙⲙ	BOT
0;4;4	*ḳmḳm* Wb 5, 40.5	**kmkm** = **k[*è*]mk[*è*]m** **['k' accentuated]**	drum, timbale ['tarraboca of some kind made probably of leather in view of the det.]	V: 81 = Ptol. = ⲕⲙⲕⲙ ⲕⲉⲙⲕⲉⲙ 'to beat the cymbal' [onomatopoeia]	TOOL ONO MUS accent.
0;5;5	*ḳmḳmy*	**k[*è*]mk[*è*]mi**	Melon [Etymology of *Cucumis*?]	Vieira: 217 - (Demotic);	BOT foreign?
1;3;4	*ḳmy*	**q[o]mï**	borough (or similar)	V. 340 - (Demotic) = Related to ϭⲟⲙ 'court' [semantic shift?]?	(v.)
1;3;4	*ḳmy.t*  Wb 5, 39.3-15 = *ḳ3mi* =*ḳm3*?  =*km3* (Demotic)	**q[o]mï /** **qAmæ/** **q[o]mA**	gum [IE = French: 'gomme']	V: 80 = NK (Dyn. XVIII) = ⲕⲟⲙⲏ ⲕⲟⲙⲙⲉ ⲕⲟⲙⲓ ⲕⲏⲙⲉ ⲕⲙⲉ	BOT *y* = ⲏ *y* = ⲉ *y* = ⲓ *3* = ⲏ *3* = ⲉ [o] ⇔ *3*
1;2;3	*ḳn* Wb 5, 49.1-14	**q[é]n**	cease, finish	V: 82 = Ptol. = ⲕⲏⲛ	(v.)
1;3;4	*ḳnd* Wb 56.16-57.12	**q[ô]nd**	angry, furious (to become)	V. 342 - MK = ϭⲱⲛⲧ ϫⲱⲛⲧ Related to *knt* 'anger' (Demotic).	(v.)
1;4;5	*ḳnḏw*	**q[{oo}]ndjw**	vessel, great plate	V: 84 – (Demotic). = ⲕⲟⲩⲛϫⲟⲩ	TOOL

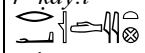
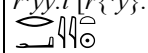
1;3;4	*ḳnf* = *ḳfn* Wb 5, 32.11-15	**q[ô]n[*è*]f /** **q[ô]f[è]n [metathesis]**	bake (to)	V: 83 = MK = ⲕⲉⲛⲉⲫⲓⲧⲉⲛ 'bread cook in ashes' = ⲕⲉⲛⲉⲫ + ⲓⲧⲉⲛ	(v.) FOOD
0;4;4	*ḳnḥ* [*ḳnḥi*] = *ḳnḥy* No Wb?	**qnHæ /** **qnHï**	chapel, naos	V: 84 = ? = ⲕⲛϩⲉ 'chapel; portico; store, shop'	REL *i* = ϵ *y* = ϵ
1;4;5	*ḳnḳn* Wb 5, 55.4-56.9 = *ḳnḳn* 'beat; fight' (Demotic)	q[ô]nqn	brake; beat [; fight?] [IE = French '**conc**asser'?]	V. 343 - MK = Related to ϭⲱⲛⲟⲛ ϭⲱⲛⲟ ϭⲱϭ 'tear; twist; pluck' [major semantic shifts?]?	(v.)
1;2;3	*ḳns* Wb 5, 55.3 = *ḳrs* = *ḳrzi* (Late) = *ḳris* (Late) Wb 5, 63.11-64.4	**q[ô]ns /** **q[ô]rs /** **q[ô]rsæ /** **q[ô]ræs**	bury	V: 83 = NK (XVIII) = ⲕⲱⲛⲥ ⲕⲟⲟⲛⲥ	(V.) BUR [ô] = ⲱ [ô] = ⲟⲟ *n* = *r*
0;3;3	*ḳnty* [*ḳwnti*] 	**q{[ô]w}n{té} ['t' accentuated]**	fig	V: 83 = Ptolemaic = ⲕⲉⲛⲧⲉ ⲕⲛⲧⲉ	BOT accent. *ti* = ⲧⲉ *w* = ⲟ ⲟ = ϵ
0;3;3	*ḳny* Wb 5, 40.8-14	**q[*è*]nï ['n' perhaps long]**	fat (to be, to get)	V: 82 = MK = ⲕⲛⲛⲉ ⲕⲉⲛⲓ	(v.) MED
1;3;4	*ḳny* [*kni*] Wb 5, 52.4	**q[ô]næ**	sheave (to), sheaves (to make)	V: 83 = OK = Related to *ḳny.w* and ⲕⲛⲉⲩ ⲕⲛⲁⲁⲩ ⲭⲛⲁⲁⲩ 'sheave'	(v.) TOOL
0;3;3	*ḳny* [*kni*] =*ḳn*{*iw*} Wb 5, 50.7-12	**qnæ /** **qn{è}**	embrace (v. and n.); 'giron" [IE = Armenian 'qnkel'?]	V: 82 = MK = ⲕⲉⲛ [metathesis] ⲕⲟⲛ ⲕⲟⲩⲛ 'giron'	(v.) {DIA} *y* = [] {*iw*} = {è} {*iw*} = [] *i* ⇔ {*iw*}
0;3;3	*ḳny.w* Wb 5, 52.5	**qn{è}**	sheave / sheaves	V: 83 = NK (XVIII) = ⲕⲛⲉⲩ ⲕⲛⲁⲁⲩ ⲭⲛⲁⲁⲩ 'sheave' [kept the ancestral plural with disappearance of ending 'è'?]	TOOL {DIA} {*iw*} = ⲉⲩ {*iw*} = ⲁⲁⲩ

2;4;6	*ḳpḳp*	**q[a]pq[i]p**	ant	V. 351 - (Demotic) = **ϭⲁϫⲓϥ ϫⲁⲡϫⲓⲡ ϫⲁϥϫⲓϥ**	ZOO foreign? *ḳ* =**ϫ** *p* = **ϥ**
1;2;3	*ḳḳ* Wb 5, 71.11	**q[oo]q**	Cuckoo? (bird) [ZOO] [IE = French 'coucou'?]	V: 75 - NK (Dyn. 20) = **ⲕⲟⲩⲕ**	ZOO ONO
1;2;3	*ḳḳ* = *ḳḳ* Ptolemaic Wb 5, 71.12	**q[ô]q**	peel, undress	V: 74 - (Demotic) = **ⲕⲱⲕ ⲕⲟⲕ ⲕⲏⲕ**	AGR
3;4;7	*ḳḳpt*	**q[ô]q[ô]p[a]t /q[oo]q[oo]p[a]t /**	hoopoe? (bird) [IE = hoopoe? Name present in many IE, S or other languages]	V: 74 – (Demotic). = **ⲕⲱⲕⲱⲡⲁⲧ ⲕⲟⲩⲕⲟⲩⲫⲁⲧ**	ZOO ONO? foreign? *p* = **ⲫ**
1;2;3	*ḳr* = *?k3* Wb 5, 1.1	**qr[ô] /** qr[a]?	riverside	V: 84 – (Demotic). = **ⲕⲣⲟ ⲭⲣⲟ ⲕⲗⲁ** plural: **ⲕⲣⲱⲟⲩ**	ENV *ḳ* = **ⲕ** *ḳ* =**ⲭ** *r* = **ⲗ** *w* = **ⲱⲟⲩ**
1;3;4	*ḳr*[*w*]*s/ḳlws*	qr[o]s/ql{[o]w]s	yellow [IE = English 'yellow'?]	Vieira: 247 - (Demotic)	COL
1;3;4	*ḳrꜥw* [*ḳrꜥ.w*] Wb 5, 59.11 = *ḳr gl* (Demotic)	**qr*a* / q[a]r / g[a]l**	shield	V. 337 - NK (XIX) = **ϭⲁⲗ** [metathesis]	TOOL *ḳ* = **ϭ** *r* = **ⲗ**
1;3;4	*ḳrf* Wb 5, 60.7-8	kr[ô]f	contract, draw together, fold, bend	V: 87 – NK? = Related to **ⲕⲣⲟϥ ⲭⲣⲟϥ** 'guile', fraud'	(v.)
3;3;6	*ḳrḥ.t* Wb 5, 63.5-9	**q[a]r[a]H[é]**	Goddess, primordial; serpent spirit [TLA]	V: 77 = ? = **ⲕⲁⲗⲁϩⲏ** 'bossom' (of mother). Link to be confirmed [Related to **ϭⲁⲗⲁϩⲏⲧ** 'pot; cauldron' (V. 334) = 'pot, or similar containers' with a genral idea of the goddess being a container for life or child?]	GOD foreign? *r* = **ⲗ**
2;4;6	*ḳrḥ.t* = *ḳ3ḥ.t* Wb 5, 62.12-63.4	**q[a]r[a]Ht[*é*] ['t' accentuated] /** **qAr[a]Ht[*é*]**	pot, bowl, jug [and similar containers] [IE = French 'carafe'?]	V. 339 - OK = **ϭⲁⲗⲁϩⲧⲉ ϭⲁⲗⲁϩⲧ ϭⲁⲗⲉϩⲧ**	TOOL accent. foreign?
1;3;4	*ḳrm*	**k[ô]rm**	smoke	V: 86 - (Demotic) = **ⲕⲱⲣⲙ**	MAT *n* = **ⲙ**
0;5;5	*ḳrmrm*	**qrmrm**	whisper,to	V: 86 - (Demotic) = **ⲕⲣⲙⲣⲙ ⲭⲣⲉⲙⲣⲉⲙ ⲕⲗⲉⲙⲗⲉⲙ**	ONO *r* = **ⲗ**

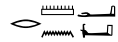
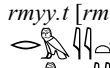


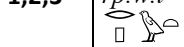
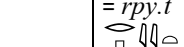
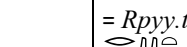
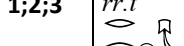
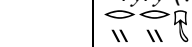
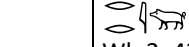
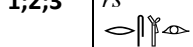
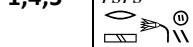
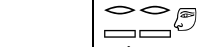
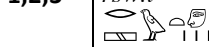
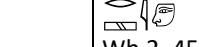
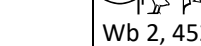
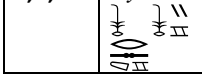
0;7;7	*ḳrmt* [*k{ȝy}rmʿti*]  Wb 5, 60.12	**k{o}rm*a*{*tè*}**	ashes	V: 85 – NK (Dyn. XIX or XX) = Related to ⲕⲉⲣⲙⲓ ⲕⲣⲙⲉ ⲕⲩⲣⲙⲓ ⲕⲣⲙⲉⲥ 'ash'?	foreign {DIA} {*ȝy*} = ⲉ *ti* = []
0;5;5	*ḳrmts*	**qrmts / q[*è*]rm[*è*]t[*è*]s**	smoke	V: 84 & 86 – (Demotic). = ⲕⲣⲙⲧⲥ ⲭⲣⲙⲧⲥ	MAT foreign?
0;7;7	*ḳrn.t* [*k{ȝy}rnȝti*]  = *ḳȝrnȝṯ* Wb 5, 60.15-61.4	**k{o}rna{tè} /** **kArnatch[*è*]** or k{o}rnatch[*è*]?	foreskin, uncircumcised penis; phallus	V: 31 - Foreign borrowing	BOD foreign {DIA}
1;3;4	*ḳrr* Wb 5, 61.5-6 = *ḳrr* (Demotic) = *ḳll* Ptolemaic 	**kr[ôô]r /** **kr[oo}r /** **kl[oo]l**	frog	V: 84 – Neo Egyptian = ⲕⲣⲟⲩⲣ ⲭⲣⲟⲩⲣ	ZOO ONO *r* = *l*
1;3;4	*ḳrr* Wb 5, 61	**qr[oo]r[*è*] ['r' accentuated]**	cloud [IE = 'cloud' English]; storm	V: 77 = OK (Pyr) = ⲕⲗⲟⲟⲗⲉ	ENV accent. *r* = ⲗ
1;3;4	*ḳrr*	**qr[a]r**	necklace; pellets, balls, drops	V: 75-76 – (Demotic). = ⲕⲗⲗⲗ ['r' to ''l' shift] ⲭⲗⲗⲗ· As in ⲕⲗⲏⲗ ⲛ ⲗⲓⲃⲁⲛⲟⲥ 'drops [pellets] of incence'	BOT r = ⲗ
1;3;4	*ḳrr* Wb 5, 61.11-16 = *gll glyl* (Demotic)	**qr[i]r /** **gl[i]l/ glïl**	holocaust [; sacrifice]	V. 338 - NK = ϭⲗⲓⲗ	REL *r* = ⲗ
1;3;4	*ḳrr.t* Wb 5, 62.4-7	**q[*è*]r[ô]r ['q' accentuated]**	cavern, cave	V: 77 = MK = ⲕⲉⲗⲱⲗ ⲕⲟⲩⲗⲱⲗ	LAND accent. *r* = ⲗ
1;3;4	*ḳrš*	**q[ô]rsh**	flatter	V: 87 – (Demotic). = ⲕⲱⲣ*ⲯ*	(v.)
1;3;4	*ḳrš*	**q[ô]rsh / q[ô]rsh[*è*]**	brake [IE = French 'casser']	V: 91 – (Demotic). = ⲕⲱ*ⲯ*ⲉ ⲕⲱ*ⲯ* ⲕⲟ*ⲯ* ⲕⲁ*ⲯ*	(v.)
1;2;3?	*ḳrs.t* Wb 5, 64.5-7 = *ḳs.t* (Demotic)	q[*è*]r[è]s / q[è]s	burial [IE? = Armenian 'գերեզմանոց' [qeresmanots] 'cemetery' or 'caisse' French]	V: 73 - ? = Related to ⲕⲉⲥⲉ ⲕⲁⲓⲥⲉ ⲕⲁⲓⲥⲓ 'burial; embalming; cadaver; shroud'	BUR
1;2;3	*ḳs* = *ḳis* 	**q[ô]s /** **qæs /**	bury, embalm, envelop (defunct)	V: 88 – Pyr = ⲕⲱⲥ ⲕⲱⲥ ⲕⲉⲥ ⲕⲟⲥ ⲕⲟⲟⲥ	BUR *i* = ⲉ *i* ⇔ *ȝ*

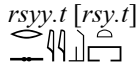
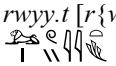
	= *ḳ3s* Wb 5, 14 = *ḳs* (Demotic) [see also under *ḳrs*]	**qAs**			
3;4;7	*ḳšbr*	**q[a]sh[a]b[*è*]r**	earring	V: 91 – (Demotic). = **ⲕⲁϣⲁⲃⲉⲗ**	TOOL Foreign *r* = **ⲗ**
0;4;4	*ḳsḳs*	**qsqs /** q[a]sq[è]s	whisper, to	V: 86 - (Demotic) = **ⲕⲁⲥⲕ ⲭⲁⲥⲕⲉⲥ**	ONO *ḳ* = **ⲭ**
1;4;5	*ḳwpr* = *ḳpr* Vycichl, Dict. étym., 84	**q{[ô]w}pr[*è*] /** q{oo}pr[è]? **['r' accentuated]**	Henna (*Lawsonia inermis* L.)	V: 84 = ? = **ⲕⲟⲩⲡⲣⲉ ⲕⲟⲩⲡⲣ** Aramean: kupr-i	BOT accent. w = **ⲟⲩ** foreign?
0;4;4	*ḳwḳw* [*ḳwḳ.w*] Wb 5, 21-14	**q{[ô]w}q**	Dom palm fruit / nut (*Hyphaene thebaica* L.)	V: 74 – Neo E. = **ⲕⲟⲩⲕ ⲃⲟⲩⲃ**	BOT *ḳ* = **ⲕ** *ḳ* = **ⲃ**
0;4;4	*ḳwḳy* [*ḳwki*] = *ḳḳ.t* Ptolemaic 	**q[oo]kï**	peel [lit. 'of the peeling']	V: 74 - (Demotic) = **ⲕⲟⲩⲕⲉ ⲕⲟⲩⲕⲓ**	AGR *y* = **ⲉ** *y* = **ⲓ**
1;3;4	*ḳwr* = *k{3w}r* = *ḳ{wy}ry* = *ḳ{3y}r* Wb 5, 21.9-11 = *gwr* 'carrier' (Demotic)	**q{[ô]w}r[*è*] ['r' accentuated] /** **q{Au}r[*è*]** **q{*ō*}rï /** **q{o}r[*è*] /** **g{[ô]w}r[*è*] ['r' accentuated]**	carrier; gold extractor [IE = English 'carrier']	V. 349 - NK (Dyn. XVIII) = **ⲃⲟⲟⲩⲣⲉ ⲃⲁⲩⲣⲉ** 'slave' [semantic shift]	PRO accent. {DIA} *w* = **ⲟⲟⲩ** *wy* = **ⲁⲩ** *3y* = **ⲁⲩ** *3w* = **ⲁⲩ**
1;6;7	*ḳwrks* 	**K[*è*]ôwrk[i]s / K{[ô]w}rk[io?]s**	Georgios	V: 35 - [Late] = **ⲅⲉⲱⲣⲅⲓⲟⲥ**	NAME foreign *w* = []
0;2;2	*ḳy* [*ki*] Wb 5 15.5-16.17 = *ḳ3i* = *ḳ3* = *gy* (Demotic)	**qæ /** q{o}? / **qA /** **gï**	form [in 'to a single form = together, or in 'in one form,]; manner; intention	V: 19 & 334 - Neo Egyptian = **ⲟⲓ ⲭⲓ**. Also **ⲁⲩⲃⲉ** in *m ḳy wˁ* or r *wˁ ḳy* 	ABS {DIA}? *ḳ* = **ⲭ** *i* = **ⲓ** *3* = **ⲓ** *i* ⇔ *3*
0;3;3	*Ḳ3ys* [*Ḳ{3y}s*] = = *Ḳs* TLA DZA 30.416.810	**Q{o}s /** **Q[ô]s /**	Cusae [El *Ḳ*oussiyeh / Qoussiyeh (place of worship of Hathor) – *Ḳ*ūs *Ḳ*am until XIXth cent].	V: 88 – MK = **ⲕⲱⲥ ⲕⲁⲙ**	LOC {DIA} *3y* = **ⲱ** *3y* = **ⲁ**

1;2;3	*r* Wb 2, 386.6-388.7 = *ir* =*r* (Demotic)	**ar[o]** **ær[ô] /**	to, at, towards, until; more than, in order, so that, until	V: 37 - ? = ⲁⲣⲟ ⲉⲣⲟ ⲁⲣⲁ ⲉⲗⲁ ⲉ [used to form the future ex: *ꜥ{iw}=f r sḏmꜥ* = ⲉⲫⲉⲥⲟⲧⲉⲙ 'he will hear']	PREP *r* = ⲗ
0;2;2	*r ȝ* Wb 2, 39.5-9	**rA**	part [ex: fraction]	V. 170 - ? = ⲣⲁ	MATH *ȝ* = ⲁ
0;2;2	*rꜥ* Wb 2, 401.5-10	**R*a***	sun	V. 170 - OK = ⲣⲏ ⲣⲓ ⲣⲉⲓ	ASTR ꜥ = ⲏ ꜥ = ⲓ ꜥ = ⲉⲓ
1;1;2	*rȝ* [*r*] Wb 2, 389.1-390.9-391.13	**r[ô]**	mouth; door [; entrance]	V. 171 - OK? = ⲣⲱ ⲣⲟ ⲗⲱ ⲗⲁ. Also in ⲣⲧⲁⲡⲣⲟ ⲧⲁⲡⲗⲁ 'mouth; entry, opening; point, end; cutting edge (of word; V. 219).	BOD *r* = ⲗ
1;1;2	*rȝ* [*r*] Wb 2, 393.1-6	**r[o]**	goose	V. 171 - OK (Pyr) = ⲣⲟ	ZOO
-	*rȝ ḥn.t* [*r-ḥn.t*] Wb 3, 105.3 [for *ḥn.t*]	**r[o]-H[ô]n[*è*]** **['n' accentuated]**	Mouth [of the] Canal = El Lahun	V. 305 - OK (Pyr) = Extrapolated from ⲗⲉϩⲱⲛⲉ 'El Lahun'	LOC accent. *r* = ⲗ
-	*rȝ mḏw* [*rȝ mḏ.t*] No Wb?	rA-m[é]dj[*è*]	tenth [of part]	V: 124 – ? = ⲣⲉⲙⲛⲧ Plur. ⲣⲉⲙⲁⲧⲉ	NUM *ȝ* = ⲉ
1;5;6	*rꜥ kdy.t*  Wb 2, 403.5	**R*a*k[ô]dï /** **['d' accentuated]**	Alexandria	V. 172 - ? = ⲣⲁⲕⲟⲧⲉ ⲣⲁⲕⲟⲧ ⲗⲁⲕⲁⲧ	LOC accent. ꜥ = ⲁ *d* = ⲧ *r* = ⲗ
-	*rȝ-*ꜥ Wb 2, 394.9	**r*a***	place, location	V. 170 - NK = ⲣⲁ	LOC
-	*rꜥ-ḥtp*	**rah[*è*]tp**	descend	Vieira: 194 - (Demotic) & Coptic ⲣⲁϩⲉⲧⲡ	(v.)
-	*rȝ-pr* No Wb? = *rpy* (Demotic)	**rA-p[æ]r**	temple	V. 176 - OK = Related to ⲣⲡⲉⲉⲓⲉ ⲡⲣⲡⲏⲩⲉ ⲉⲣⲫⲏⲟⲩⲓ? Built like *rȝ-wȝ.t* 'street', 'district' = ⲣⲁⲟⲩⲉ	HAB
-	*rȝ-wȝ.t* Wb 2, 396.6-11	**rA-wA**	street, district [IE? = French 'rue']	V. 179 - NK (Dyn.XIX) = ⲣⲁⲟⲩⲉ	HAB *w* = ⲟⲩ *ȝ* = ⲉ
0;3;3	*rꜥyy.t* [*r{ꜥy}.t*]  Wb 2, 402.6-11	**r{õ}**	sun goddess	V. 170 - OK = Related to ⲣⲉⲓ ⲣⲓ ⲣⲏ	GOD {DIA}

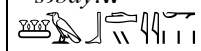
1;3;4	*Rbw* No Wb?	**R[i]bw[*è*]}**	Lybians	V: 94 – NK (Dyn. XIX) = ⲗⲓⲃⲩⲉ ⲧⲗⲓⲃⲩⲉ	NAT foreign? *r* = ⲗ *w* = ⲩ
1;2;3	*rd* Wb 2, 461.1-462.15 = *rt* (Demotic)	**r[a]d /** **r[a]t** [r[é]t?]	foot; footprint (see also *gr.t*)	V. 178 - OK (Pyr). = ⲣⲁⲧ ⲣⲏⲧ ⲣⲉⲧ	BOD *d* = ⲧ
1;2;3	*rd* Wb 2, 462.20-463	**r[ô]d**	grow; make grow	V. 179 - OK = ⲣⲱⲧ ⲗⲱⲧ	(v.) *r* = ⲗ *d* = ⲧ
1;2;3	*rdw* [*rd.w*] No Wb? = *rt* (Demotic)	**r[é]d**	representative (as civil servant); (Demotic): idem, as well as administrator, agent, etc..	V. 179 - NK (Dyn. XVIII) = ⲣⲏⲧ [title of some kind]	TIT *d* = ⲧ
1;3;4	*rdy* [*rd*[*ȝ*]*i*] Wb, 2, 464.1-468.15	**rd{o}**	give [IE = French 'donner']	V. 209 - MK (earlier?) = ⲧⲁⲁ ⲧⲏⲓ †. See also *dy.t* {d{o} [= d[A]y / *dȝy*]	(v.) *ȝy* = ⲁⲁ *ȝy* = ⲏⲓ
1;4;5	*rfʿy*	r[e]f{*õ*}? (meathesis?)	vacillate	V: 101 - (Demotic) = ⲗⲱⲫⲩⲉ ⲗⲟⲟⲩⲉ ⲗⲟⲩⲉ	(v.) *r* = ⲗ
1;3;4	*rhb* [*rhb.w*] Wb 2, 440.3	[*e*]rh[o]b	embers (French: 'braise')	V: 42 - Neo Egyptian = ?ⲉⲗϩⲟⲃ 'vapour'	MAT schwa
1;3;4	*rhbw* [*rhb.w*] Wb 2, 440.3	**rh[ô]b**	embers, fire heat, fire ember	V: 101 – ? = ? ⲗϩⲱⲃ 'vapour"	MAT; *r* = ⲗ
1;3;4	*rhd.t* Wb 2, 441.5-7	**r[ô]hd[*è*]** **['d' accentuated]**	cauldron	V. 180 - NK = ⲣⲱϩⲧⲉ ⲣⲟϩⲧⲉ	TOOL accent.
1;3;4	*rkḥ* Wb 2, 458.9-14 = *rkḥ* = *rkḥ* (Demotic)	**r[ô]kH /** **r[ô]qH**	burn, burn up, light [IE = English: '**ro**ast'?]	V. 172 - OK (Pyr) = ⲣⲱⲕϩ ⲣⲟⲕϩ ⲣⲉⲕϩ.	(v.) [ô] = ⲱ [ô] = ⲟ [ô] = ⲉ
1;2;3	*rm* = *rmy* = *rmm* Wb 2, 416.12-17 = *rym* (Demotic)	**r[a]m[*è*] /** **r[a]mï /** **r[a]m[è] ['m' accentuated by duplication] /** **rïm[*è*]**	fish	V. 172 - OK = ⲣⲁⲙⲉ ⲣⲁⲁⲙⲉ ⲣⲁⲙⲓ	ZOO accent. duplic. [*è*] ⇔ *y*

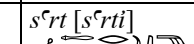
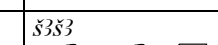
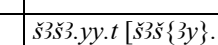
1;3;4	*rmn*  Wb 2, 419.19-420.9	**rm[ô]n[*è*] [‘n’ accentuated]**	support, carrier [of god's statue]; column; bearer	V. 174 - OK (Pyr) = Related to ⲣⲁⲙⲱⲛⲉ ⲣⲁⲙⲱⲛ ⲣⲁⲙⲟⲩⲛ 'door part, probably the jamb [French 'montant']'	HAB accent. ⲁ added
1;3;4	*rms*	**r[a]ms**	boat	V. 172 - (Demotic) = ⲣⲁⲙⲥ	NAV
1;3;4	*rm<u>t</u>* Wb 2, 421.9-424.14 = Plur. *rm<u>t</u>-w* = *rmt* (Demotic)	**r[o]m[*è*]tch** **Plur.:** **rm[è]tch[ô]w[*è*]**	man. Plural: men, people	V. 172 - OK (Pyr) = ⲣⲟⲙⲉ ⲣⲟⲙⲓ ⲗⲟⲙⲓ	MAN *r* = ⲗ *<u>t</u>* = []
1;2;3	*rmy* = *rmy* = *rmm* Wb 2, 416-417.10	**r[i]m[*è*] /** **r[i]mï / r[i]m[*è*]** **['m' accentuated by duplication]**	weep, cry [IE = Latin: '[lac]rima'?]	V. 172 - OK (Pyr) = ⲣⲓⲙⲉ ⲣⲓⲙⲓ ⲗⲓⲙⲉ	(v.) accent. duplic. *r* = ⲗ *y* = ⲓ *y* = ⲉ [*è*] ⇔ *y*
1;3;4	*rmyy.t* [*rm{wy}wy.t*]  Wb 2, 417.14-15 TLA DZA 25.897.160 Plural: *rmw.t* 	**[e]rm{ō}** **[e]rm{[ô]w}** **Plural: [e]rm{[ô]w[è]}**	tear [IE= Latin: 'lac**rim**a / lac**rim**ae'; French: 'l**armoyer**']	V. 172 - MK = ⲣ̄ⲙⲉⲓⲏ ⲉⲣⲙⲏ ⲗⲉⲙⲓⲏ Plural: ⲣ̄ⲙⲉⲓⲟⲟⲩⲉ ⲉⲣⲙⲱⲟⲩⲓ ⲗⲉⲙⲓⲁⲩⲓ	MED {DIA} schwa accent *wy* = ⲱ *y* = ⲉⲓ *r* = ⲗ *w* = ⲱⲟⲩ *w*= ⲟⲟⲩ [é] = ⲏ
1;2;3	*rn* Wb 2, 425.1-428.19 = *rn* (Demotic)	**r[a]n**	name	V. 176 - OK = ⲣⲁⲛ ⲣⲉⲛ ⲗⲉⲛ	NAME *r* = ⲗ
1;4;5	*rnnwtt* [*rnnwt.t*] Wb 2, 437.13-18	**[*E*]rn{[ô]w}t[*è*]** ['n' accentuated by duplication]	**Renenutet**	V. 163 - OK (Pyr) = Extrapolated from ⲡⲁⲣⲙⲟⲩⲧⲉ ⲫⲁⲣⲙⲟⲩⲧⲉ = *pn Rnnwtt* This [one of] the [goddess] Renenutet with drop of 'n' of pn	GOD accent schwa duplic. foreign? t not silent *n* = m *n* = []

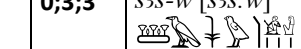
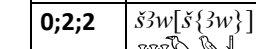
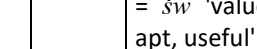
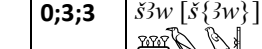
1;3;4	*rnp.t* Wb 2, 429-432.5	**r[o]np[è]** **['p' accentuated]**	year	V. 175 - OK (Pyr) = ⲣⲟⲛⲡⲉ ⲣⲟⲙⲡⲓ ⲗⲁⲙⲡⲓ. Plur.: ⲣⲛⲡⲟⲟⲩⲉ ⲣⲙⲡⲏⲩⲉ ⲣⲙⲡⲉⲟⲩⲉ. See also *tnw-rnp.t*	CAL accent. *r* = ⲗ [o] = ⲟ *n* = ⲙ [è] = ⲉ [è] = ⲓ
1;2;3	*rp.w.t*  = *rpy.t*  = *Rpyy.t* [*Rpy.t*]  Wb 2, 415.1-10	**r[é]p[è] /** **r[é]pï /** **R[é]pï (goddess)**	Mistress, lady, woman of high status; goddess Repit [lit. the 'Mistress']	Extrapolated from V: 18 - OK (Pyr) = ⲣⲏⲃⲓ / ⲣⲓⲡⲉ in ⲁⲑⲣⲏⲃⲓ / ⲁⲧⲣⲓⲡⲉ = 'House of the Mistress' 	GOD *y* = ⲓ *y* = ⲉ
1;2;3	*rr.t*  = *ryry* (?Ist)  = *rrỉ*  Wb 2, 438.8-11 = *rr.t* (Demotic)	**r[i]r /** **rïrï /** **rræ /** **r[i]r**	sow [French 'truie'; reminiscent of porc [IE = Greek χοίρος as noted by V. Also Armenian: 'khoz']	V. 177 - NK (Dyn. XVIII) = ⲣⲓⲣ ⲗⲓⲗ	ZOO accent. *r* = ⲗ
1;2;3	*rs*  Wb 2, 449.8-451.12 = *rs* (Demotic)	**r[ô]s**	watch over; wake up	V. 172 - OK = [*ⲣⲱⲥ?] ⲣⲱⲓⲥ ⲣⲟⲉⲓⲥ [metathesis?]	(v.)
1;4;5	*šrš*  = *šrš*  Wb 2, 456.1-4	**r[ô]shr[è]sh** **['r' accentuated]**	rejoice [prosper?; IE = English 'rejoice'?]	V. 179 - NK (Dyn. XIX-XX) = ⲣⲉⲯⲣⲉⲯ also ⲣⲁⲯⲣⲉⲯ 'grow; prosper'	(v.) accent. [ô] = ⲁ
1;3;4	*rst rsty*	**r[a]st[è] / r[a]stï**	tomorrow	V. 172 - (Demotic) = ⲣⲁⲥⲧⲉ ⲣⲁⲥϯ ⲗⲉⲥⲧ	TIME accent. r = ⲗ *ty* = ⲧⲉ *ty* =ϯ
1;2;3	*ršw.t*  = *rši*  Wb 2, 454.1-12	**r{[ô]w}sh[è] /** **r{[ô]w}shæ**	rejoice [IE = English 'rejoice'?]	V. 179 - MK = ⲣⲁⲯⲉ ⲣⲁⲯⲓ	(v.) accent = *i* [ô] = ⲁ *š* = ⲯ
1;2;3	*rsw.t* [*rs.w.t*]  Wb 2, 452.1-4 = *rsw.t rsw* (Demotic)	**r[a]s/ r[è]s** **Plur.: r[è]s{[ô]w[è]}**	dream	V. 177 - MK =] *ⲣⲉⲥ *ⲣⲁⲥ ⲣⲉⲥⲟⲩⲉ ⲣⲁⲥⲟⲩⲓ ⲣⲁⲥⲟⲩ ⲣⲉⲥⲟⲩ [the latter seemingly plural forms]	MED accent? *w* = [ⲟⲩ [è] = ⲉ [è] = ⲓ
1;3;4	*rsy* 	**r[é]sï**	South (the, as country); meridional, southern	V. 178 - OK = ⲣⲏⲥ	CARD *y* = []

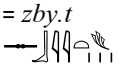
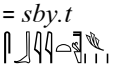
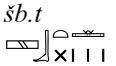
	Wb 2, 453.1-8 = *rs rsy* (Demotic)				
1;3;4	*rsyy.t* [*rsy.t*]  No Wb? = *rs* (Demotic)	**rs[o]ï / rs[o]**	enclosure [French: 'enclos']	V. 177 - XVIII = ⲢⲤⲰ. Plural: ⲢⲤⲞⲞⲨⲈ	HAB *y* = []
1;3;4	*rwḏ* Wb 2, 410.13-412.9	**r[ô]wdj**	solid	V: 29 - MK = from *bỉ3 rwḏ* 'solid metal' = ⲃⲁⲣⲱⲧ bronze, brass	MAT w = [] *ḏ* = ⲧ
1;4;5	*rwh3* Wb 2, 409.4-6 = *rhy* (Demotic)	**r{[ô]w}hA**	evening [lit. 'towards [the] night' or better 'entrance/mouth of night']	V. 180 - Neo E. = ⲢⲞⲨⲉⲈ ⲢⲞⲨⲉⲒ ⲗⲞⲨⲉⲒ	TIME *r* = ⲗ *w* = ⲟⲩ
1;3;4	*rwi* = *r{3w}* = *rwᶜ* (Ptol.) = *rw rww* = *rwi3* [*rw{i3}*] Dyn. 19 Wb 2, 406.2-407.4	**r{[ô]w}æ /** **r{Au}[è] /** **r[ô]w*a* /** **r{[ô]w}[è] ['r' accentuated, also by duplication] /** **r{[ô]w}{ä}**	go away, leave, depart, cede [IE = English 'leave' with shift r to l]; expel, drive off	V: 93 – OK = ⲗⲟ ⲗⲉ	(v.) {DIA} *r* = ⲗ *w* = [] *i* = ⲉ [ô] ⇔ A *i* ⇔ [è] ⇔ *a* ⇔ {ä}
1;3;4	*rwny rn.t*	**r[ô]wnï / r[o]n**	virgin	V. 179 - (Demotic) = ⲢⲞⲞⲨⲚⲉ	MED *w* = ⲟⲟⲩ
1;4;5	*rwš* [*rwš3*] Wb 1, 335.10-18; = *rwš* (Demotic)	**r{[ô]w}shA**	care for	V. 179 - Neo E. = ⲢⲱⲞⲩⲯ ⲢⲞⲞⲩⲯ ⲗⲗⲞⲩⲯ	(v.) accent? *3* = [] *w* = ⲱⲟⲩ *r* = ⲗ
0;4;4	*rwt* [*rw{i3}ty*] Wb 2.408.3	rw{ä}tï or rw{ä}t	other...other	V. 238 - Neo Eg. = Related to ⲟⲩⲱⲧ ⲟⲩⲟⲧ ⲟⲩⲉⲧ 'be different'	ADJ {DIA} *i3* = ⲱ *i3* = ⲟ *i3* = ⲉ
1;3;4	*rwyy.t* [*r{wy}.t*]  Wb 2, 408.2	**r[ō]ï**	straw	V. 179 - Neo E? = ⲢⲱⲞⲩⲓ 'thatch, stubble'. Quadrature of the *w* and *y* (transposition forward) signs because of *ii* / {oo} group.	HAB {DIA} *wy* = ⲱⲟⲩ *y* = ⲓ
1;2;3	*rḥ* Wb 2, 442.7-445.7	**r[ô]kh**	know, reckon [IE? = English 'reckon'?]; learn	V. 179 - MK (OK?) = Ⲣⲱⲯ Ⲣⲁⲯ 'measure'.	(v.) *ḥ* = ⲯ

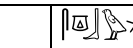
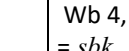
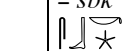
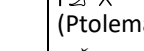
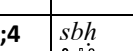
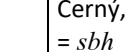
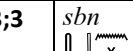
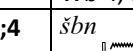
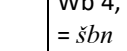
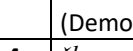
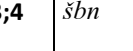
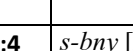
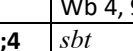
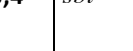
	= *rḫ* (Demotic)			Related to 'list; number'	
1;3;4	*rḫ.t* No Wb?	r[ô]kht	list [IE = English 'rooster'?]	V. 179 - ? = Related to ⲣⲱⲯ ⲣⲁⲯ 'measure' and *rḫ* 'know, reckon'.	TOOL
1;2;3	*rḫ.t* = *rḫy.t* =*rḫw.t* Wb 2, 447.9-448.2	**rkh[é] / rkhï** **Plural: rkh{[ô]w[è]}**	plebeians, common people [French: 'roturiers'?], subjects (of king); humankind	V: 101 – OK = ⲗϧⲏ	MAN *r* = ⲗ *ḫ* = ϧ *y* = ⲏ
1;3;4	*rḫt* [*rḫ.t*] Wb 2, 448.8	**r[ô]kh[*è*] ['kh' accentuated]**	wash [clothes]	V. 180 - MK = ⲣⲱϩⲉ ⲣⲱϩⲉ ⲣⲱϩⲓ ⲣⲁϩⲓ	(v.) accent *ḫ* = ϩ *ḫ* = ϩ
1;5;6	*rḫt-y* [*rḫ.t.y*] Wb 2, 448.9-11	**r[a]khtï**	washerman (French: 'blanchisseur')	V. 180 - MK = ⲣⲁϩⲧ	PRO *y* = []
0;2;2	*ry.t* =*?ry.t* [*rw.t*] Wb 2, 400.2	**rï**	room [IE: English 'room'?]	V. 171 - (Demotic) = ⲣⲓ	HAB *y* = ⲓ
0;3;3	*ryn*	**rïn**	fish	Vicichl: 27 - (Demotic)	ZOO
1;3;4	*ryt.t*	**r[a]ït[*è*]**	parents; family	V. 172 - (Demotic) = ⲣⲁⲉⲓⲧⲉ	FAM
0;1;1	*s* Wb 4, 1.4 = *s* (Demotic)	**[*e*]s**	she [IE = Armenian 's' of 'gouze**s**' 'you want'; Spanish 's; of 'quere**s**' 'you want' (suffix. pronoun)]	V. 180 - OK = −ⲥ	PRON schwa
0;1;1	*š* Wb 4, 397.1-398.9,14-17 = *šy* (Demotic)	**sh[*é*] /** **shï ['sh' accentuated]**	pond; lake; basin, garden (with pool)	V. 258 - OK (Pyr) = ⲯⲏⲓ pl. ⲯⲏⲩ 'basin; well; cister; ditch' [semantic shift]	ENV accent
0;1;1	*s.t* No Wb?	s[*è*] ['s' accentuated]	yes [lit. = Latin: hoc illud]. Pron. neutr. 3rd sing. [IE = French 'si']	V. 182 - ? = ⲥⲉ	YES
0;1;1	*s.t* Wb 4, 1, 3.10-6.20 & Wb 4, 2.1-10 & Wb 4, 2.11-3.9 = *s.t* (Demotic)	**s[*è*] ['s' accentuated]**	seat [IE? = English 'seat']; throne; place; residence	V. 182 - OK (Pyr) = ⲥⲉ	TOOL accent [*è*] = ⲉ
0;2;2	*sꜣ* Wb 4, 8.14-10.3 = *sꜣ* (Demotic)	**sA**	back	V. 185 - OK (Pyr) = ⲥⲟⲓ	BOD *ꜣ* = ⲟⲓ

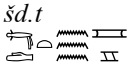
0;2;2	*sȝ* = *sȝy* = *sȝȝ* Wb 4, 14-15.19	**sA /** **sAï** [s{o}?] / **sA [long 'A' by duplication?]**	sated (to be); sate (to) [French 'se rassasier]	V. 182 - OK (Pyr) = ⲥⲉⲓ	(v.) {DIA}? elong. by duplic. *ȝ* = ⲉ *ȝy* = ⲉⲓ
0;2;2	*šˁ* No Wb?	**Sh*a***	shat (silver unit, in gold or not) (lit. a 'cut' according to V. explaining the presence of a knife as det.)	V. 254 - ? = ϣⲏ ϣⲉ	MEAS ˁ = ⲏ ˁ = ⲉ
0;2;2	*šȝˁ* [*š*{*ȝˁ*}] Wb 4, 406-407.6 = *sˁ* (Demotic)	**sh{Ã} /** **sa**	begin; beginning (n.)	V. 253 - MK = ϣⲁ	(v.) {DIA} *ȝˁ* = ⲁ
0;2;2	*šȝˁ* [*š*{*ȝˁ*}] Wb 4, 408 – 409 & TLA DZA 29.946.300 = *šˁȝm tw* [*š*{*ˁȝ*}*.m tw*] TLA DZA 29.946.380 = *šˁm* = *šȝ tw* (Demotic)	**sh{Ã} /** **sh{*â*}m** and/or **sh{*â*}-m-t[{ô}w]** **sh*a*m** shAt?	until [IE = English: 'until']	V. 266 - Ptol. (earlier?) = ϣⲁⲛⲧ ϣⲁⲛⲧⲟⲩ also 'so that'	ADV {DIA} *ȝˁ* = ⲁ {*â*} = ⲁ *m* = ⲛ
1;4;5	*šȝbd* = *šȝbdy*.w  Wb 4, 442.13-14 = *šbt* (Demotic)	**shAb[ô]d /** **shAb[ô]d[*è*] ['d' accentuated] /** **shAb[ô]dï**	stick	V. 258 - NK (earlier?) = ϣⲃⲱⲧ Plur: ϣⲃⲁⲧⲉ ϣⲃⲟϯ. V. states interestingly that the '-i of the semitic genitive appears in plural as *sabad-y-ū', hence as an 'ū'.	TOOL accent. foreign? *d* = ⲧ *d* = ⲧⲉ *d* = ϯ
0;3;3	*šˁd* Wb 4, 422.3-17 = *šˁt šṯ* (Demotic)	**sh*a*d /** **sh*a*t / sh[a]t**	cut [lit. put in piece? = (Demotic): *šˁt* 'piece' (n.)]	V. 272 - NK = ϣⲁⲁⲧ ϣⲱⲱⲧ ϣⲱⲧ ϣⲉⲧ	(v.) ˁ = ⲱⲱ ˁ = ⲱ ˁ = ⲉ ˁ = ⲁⲁ
0;3;3	*sȝḥ* Cerný, CED 172 (TLA)	**sAH**	drill [French: foret], awl, borer	V. 204 - Neo E.? = ⲥϩⲫ	TOOL *ȝ* = ⲁ *ḥ* = ϩ
0;4;4	*s-ˁḥˁ* [*sˁḥˁ*] Wb 4, 53.2-54.8 = *s-ˁḥˁ* [*sˁḥˁ*] (Demotic)	**s*a*H*a* / saHa**	erect, put up [lit. 'cause to stand']; put up someone to stand at tribunal	V. 204 - OK = ⲥⲁϩⲉ ⲥⲁϩⲱⲱ ⲥⲉϩⲉ ⲥⲟⲟϩⲉ	(v.) accent ˁ = ⲉ ˁ = ⲱⲱ ˁ = ⲟⲟ
0;2;2	*šȝi* 	**sh{o} / æsh [metathesis]**	pig	V. 254 - 2nd Interm. Per. (ealier?) = ϣⲉ	ZOO {DIA}

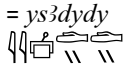
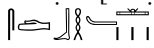
	Wb 4, 405.7-10 = *iš* (Demotic)				*ȝi* = ϵ *ȝi* ⇔ *i*
0;4;4	*šᶜkᶜ*	**shaka**	wound	Vieira: 246 - (Demotic)	MED
0;7;7	*sȝlᶜpyn*	**sAlapïn**	finger (little one)	V. 187 - (Demotic) = ⲥⲉⲗⲉⲡⲓⲛ ⲥⲉⲗⲟⲩⲡⲓⲛ	BOD *ȝ* = ϵ ᶜ = ϵ ᶜ = ⲟⲩ *y* = ⲓ
0;3;3	*šȝmw* [*šȝm.w*] Wb 4, 411.4	shAm	laundry (dirty), linen (soiled - TLA)	V. 263 - MK = Related to ⲱⲱⲙ ⲱⲟⲟⲙ 'wash (clothes)'	TOOL
0;4;4	*šȝmy.t* [*šȝm{ʿy}*] TLA Dokument DZA 29.948.630 = Wb 4, 411.5 (Demotic)	**shAm{õ}**	water (dirty of the launderer)	V. 263 - NK = Related to ⲱⲱⲙ ⲱⲟⲟⲙ 'wash (clothes)'. Metathesis with Coptic	TOOL {DIA}
0;4;4	*s-ᶜnḫ* [*sᶜnḫ*] Wb 4, 46.4-47.13 = *s-ᶜnḫ* (Demotic)	**sankh**	live, make live	V. 193 - NK? = ⲥⲁⲁⲛⲱ.	(v.) *ḫ* = ⲱ
0;3;3	*sȝk* Wb 4, 25.6-26.5	**sAq**	pick up; pull together; be wary of	V. 186 - OK (Pyr) = ⲥⲉⲕ ⲥⲱⲕⲓ	(v,) *ȝ* = ϵ *ȝ* = ⲱ *ḳ* = ⲕ
0;3;3	*šȝr* Wb 4, 405.13	**shAr**	pack [bundle]	V. 260 - Neo Eg. = ⲱⲟⲗ	TOOL *ȝ* = ⲟ *r* = ⲗ
-	*šᶜr*	**shar**	price	V. 269 - (Demotic) = ⲱⲁⲁⲣ. See also '*šȝw*'.	(v.) ᶜ = ⲁⲁ
0;4;4	*sᶜrt* [*sᶜrtỉ*]  Wb 4, 49.2 = *sᶜrt* (Demotic)	**sar{tè} / sart**	wool	V. 197 - Neo E. = ⲥⲟⲣⲧ	MAT accent. foreign ᶜ = ⲟ
0;4;4	*sȝsȝ* Wb 4, 25.1-2	**sAsA**	attack (an enemy); assault (a town) [IE = English 'assault'?]; drive back, repel	V. 197 - MK = Related to ⲥⲱⲥ ⲥⲟⲥ ⲥⲱⲥⲓ 'overthrow; be overthrown'?	(v.)
0;4;4	*sᶜsᶜ*	**sasa**	lift; put over	V. 197 - (Demotic) = Related to ⲥⲟⲥⲓ 'put the sales under the wind'	(v.) NAV
0;4;4	*šȝšȝ*  Wb 4, 413.12	**shAshA**	twist, rotate (twist)	V. 275 - MK = ⲱⲱⲱ ⲱϵⲱ	(v.) *ȝ* = ⲱ *ȝ* = ϵ *ȝ* = []
0;4;4	*šȝšȝ.yy.t* [*šȝš{ȝy}.t*] 	**shAsh{o}**	throat [upper chest or bosom according to TLA]	V. 320 - ? = ?	BOD {DIA}

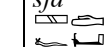
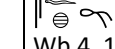
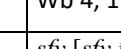
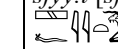
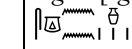
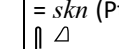
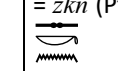
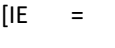
	Wb 4, 413.6-9 & TLA DZA 29.951.460				*ȝy* = {o}
0;4;4	*sȝšr.t* Wb 4, 25.4-5	sAshr[*è*]	bread (of some kind; lit. 'cause to cook' from 'cook')	V. 269 - NK (Dyn. XVIII) = **ⲯⲏⲣⲓ** 'bread'	FOOD *š* = []
0;3;3	*šȝs-w* [*šȝs.w*]  = *šȝis* [*š{ȝy}s*] (Ptol.) Wb 4, 412.10-11	**shAsh{[ô]w} =** **sh{o}s**	bedouins [nomads; lit. 'those who range']	V. 270 - NK = **ⲯⲱⲥ**	NAT {DIA} *ȝy* = **ⲱ**
0;3;3	*šᶜt.t* [*šᶜtt?*]	**sh*a*t[*è*] ['t' accentuated]**	piece [IE = German 'stück'?]	V. 272 - (Demotic) = **ⲯⲁⲁⲧⲉ**	(v.) accent. ᶜ = **ⲁⲁ**
0;4;4	*šȝtb* [*šȝtib*] Wb 4, 557.8	**shA{tè}b ['t' accentuated]**	muzzle (French: 'museler'); lock (enemy in town)	V. 272 - NK = **ⲯⲱⲧⲃ**	(v.) accent. foreign? *ti* = **ⲧ**
0;2;2	*šȝw*[*š{ȝw}*]  Wb 4. 404.12 = *šw* 'value; worthy, apt, useful' (Demotic)	**sh{Au}**	weight (of a charge) [also as 'price' or 'value'?]	V. 274 - MK = **ⲯⲁⲩ**	TOOL {DIA} *ȝw* = {Au}
0;3;3	*šȝw*  Wb 4, 400.15-19	**shA{[ô]w}**	coriander (*Coriandrum sativum*)	V: 31 - Med = Extrapolated from **ⲃⲉⲣⲉⲯⲏⲩ ⲃⲉⲣⲯⲉⲟⲩ ⲃⲉⲣⲯⲉⲩⲏⲩ ⲃⲣⲯⲉⲩⲏⲩ** [i.e. *pr* [*n*] *shȝw* 'seed of the coriander']	BOT *ȝ* = **ⲏ** *ȝ* = **ⲉ** *w* = **ⲟⲩ** *w* = **ⲩ**
0;3;3	*šȝw* [*š{ȝw}*]  Wb 4, 404.13-18 = *šw* (Neo. E)	**sh{Au}**	dignify (be); apt, worth, suitable	V. 255 - NK (earlier?) = **ⲯⲟⲩ**	(v.) {DIA} *ȝw* = **ⲟⲩ**
1;2;3	*šȝy* [*š{ȝy}*] Wb 4, 403.11-404.11	**sh{o}**	destiny; hazard = *šy* [*š{ȝy}*] (protective god) (Demotic)	V. 258 - NK = **ⲯⲁⲓ ⲯⲟⲓ** also 'fortune'	ABS ALT {DIA} *ȝy* = **ⲁⲓ** *ȝy* = **ⲟⲓ** *ȝw* = **ⲁⲓ** *ȝw* = **ⲟⲓ**
1;3;4	*šᶜy* [*š{ᶜy}*] = *šᶜ* Wb 4, 419.23-420.9 = *šᶜ* (Demotic)	**sh{õ} /** **sh*a***	sand [IE = English '**sa**nd']	V. 255 - NK = **ⲯⲟ ⲯⲟⲩⲟⲩ**	MAT ENV {DIA} = ᶜ*y* = **ⲟ** ᶜ = **ⲟ** ᶜ = **ⲟⲩⲟⲩ**
0;2;2	*šȝy* [*š{ȝy}*] = *is* (Demotic) Wb 4, 405.11	**[*e*]sh{o} /** **æsh{o} /** **æs[o]**	sow [IE = English: 'sow']	V: 49 - OK? - MK = **ⲉⲯⲁⲩ ⲉⲯⲟ ⲉⲯ**	ZOO schwa {DIA} *ȝi* = **ⲁⲩ** *ȝi* = **ⲟ** *ȝi* ⇔ *i*
1;3;4	*sb.t*	**s[é]b[*è*] /**	reed	V. 183 - Ptolemaic =	BOT

	 Wb 4, 82.3-5 = *zby.t*  = *sby.t*  = *sby.t* (Demotic)	**z[é]bï /** **s[é]bï ['b' accentuated]**		ⲥⲏⲃⲉ ⲥⲏⲃⲓ ⲥⲉⲃⲓ	accent. [*è*] = ⲉ [*è*] = ⲓ [*è*] = *y*
1;2;3,	*šb.t*  Wb 4, 436.15-16 = *šb.t* [also: change; exchange] (Demotic)	sh[è]b[o?] ['sh' accentuated]	reward; payment, payment; value, price	V. 256 - NK = ⲱ̅ⲃⲉⲓⲱ ⲱⲉⲃⲓⲱ [metathesis]	ABS accent.
1;4;5	*sb.t* [*sbt?*] Wb 4, 81.15	**s[ô]b[è]t or s[ô]b[è] ['b' accentuated]**	circumcise? (word seen in a circumcision scene)	V. 184 - OK = ⲥⲟⲩⲃⲉⲧ ⲥⲟⲩⲃⲉ ⲥⲉⲃⲓ ⲥⲃⲃⲏⲧ ⲥⲃⲃⲉ	(v.) accent. MED t not silent
0;3;3	*sbȝ* = *sbȝy* [*sb{ȝy}*] TLA DZA 29.088.580 = *sb* [aesthetic disposition] Plural: = *sbȝwy* [*sb{ȝw}wy*] Wb 4, 83.9-17	**sbA /** **sb{o} /** **sb[a]** **Plural: sb{Au}wï**	door, doorway, portal	V. 184 - OK = ⲥⲃⲉ	TOOL {DIA} accent *ȝy* =ⲉ *ȝ* ⇔ *ȝy*
1;3;4	*sbȝ* Wb 4, 83.18-84.14	**s[ô]bA**	teach	V. 183 - OK = ⲥⲁⲃⲟ ⲥⲃⲟ [metathesis]	(v.)
0;3;3	*sbȝ-yy.t* [*sb{ȝy}.t*] Wb 4, 85.10-86.12 =*sbȝ.w.t* [*sb{ȝw}.t*] = *sbȝ.t* (Demotic)	**sb{o} /** **sb{Au}** **sbA**	teaching, education; punishment [semantic shift, i.e., 'education' in the strict sense]	V. 183 - MK = ⲥⲃⲱ ⲥⲃⲟⲩ ⲥⲃⲟⲟⲩⲉ ⲥⲃⲱⲟⲩⲓ [latter two a plural form]	ABS {DIA} *ȝy* = {o} *ȝy* = ⲱ *ȝy* = ⲟⲩ *ȝ* = ⲟⲩ
1;3;4	*šbb* = *šbb.t* Wb 4, 439.3-4	**shb[o]b[è] ['b' accentuated]**	throat [IE = English: 'throat']; tracheid-artery, gullet, oesophagus; tube	V. 256 - 2nd Interm. Per. = *ⲱⲃⲟⲃⲉ ⲱⲃⲟⲃⲓ ⲱⲟⲩⲱⲃⲉ	BOD MED accent. *b* = ⲟⲩ [*è*] = ⲓ [*è*] = ⲉ
1;3;4	*sbg*	Sb[ô]g? /	Mercury [planet] [i.e., the '[x]	V. 186 - (Demotic) &	ASTR

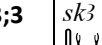
	 Wb 4, 95.8 = *sbk*  (Ptolemaic) = *šwg*	Sb[ô]k? **/** **S[*è*]wg[*é*]**	star' or something the like] = Related to *sbg*  'a divine being'?	V. 200 - Ptolem. = ⲥⲟⲩⲕⲏ	*w* = ⲟⲩ
1;3;4	*sbḥ*  Cerný, CED 148 (TLA) = *sbḥ* (Demotic)	**s[ô]bH**	leprosy	V. 185 - ? = ⲥⲱⲃϩ. See also *sḫt*	MED
0;3;3	*sbn*  Wb 4, 89.12-13	**s[*è*]b[*è*]n ['b' accentuated]**	bandage, wrappings (of mummy)	V. 184 - Late and Ptolemaic = ⲥⲉⲃⲉⲛ	TOOL accent
1;3;4	*šbn*  Wb 4, 440.5-441.3 = *šbn* (Demotic)	**sh[ô]bn**	mingle [; join?]	V. 267 - MK = ⲯⲱⲛⲃ [metathesis] ⲯⲱⲛϥ 'join, unite'	(v.)
1;3;4	*šbn*	**shb[i]n**	grain; wheat = *šbn*  [Kyphi ingredient indet.]	V. 257 - (Demotic) = ⲯⲃⲓⲛ	BOT
1;3;4	*s-bny* [*sbn*]  (Ptol.) Wb 4, 90.3-6	**s[ô]bn[*è*]**	pleasant, sweet (to make); pleasure making	V. 184 - OK = ⲥⲟⲃⲛⲉ ⲥⲟⲃⲛ	(v.) accent.
1;3;4	*sbt*	**s[i]bt**	hill	V. 184 - (Demotic) = ⲥⲓⲃⲧ	ENV
1;3;4	*sbṯ* [*zbt*]  = *sb.t* [*sbt*]  = *sbi*  Wb 3, 434.6-10 = *sby* (Demotic)	**s[ô]b[*è*]tch /** **s[ô]b[*è*] /** **s[ô]bæ/** **s[ô]bï ['b' accentuated]**	laugh	V. 184 - MK = ⲥⲱⲃⲉ ⲥⲱⲃⲓ	(v.) accent. [*è*] = ⲉ [*è*] = ⲓ *i* = ⲉ *i* = ⲓ *ṯ* = [] *t* = [] [*è*] ⇔ *i* ⇔ *y*
1;3;4	*sbt-y* [*sbty*] = *sbti*  Wb 4, 95.10-96.4 = *sbt* (Demotic)	**s[o]btï /** **s[o]b{tè} /** **s[o]bt**	wall, rampart [see also	V. 185 - NK (XVIII) = ⲥⲟⲃⲧ	HAB accent. *y* ⇔ *ti*
1;3;4	*sbḫ*	**sbkh[*è*] ['kh' accentuated]**	Shield Related to  *sbḫ.t* 'amulet in form of  '?	V. 184 - (Demotic) = ⲥⲃⲯⲉ ⲯⲉⲃⲯⲓ	TOOL acccent. *ḫ* = ⲯ ⲉ ⇔ ⲓ
1;2;3	*šby* [*šb*]	**sh[i]b[*è*] ['b'**	mingle, mix, replace	V. 256 - NK = ⲯⲓⲃⲉ	(v.)

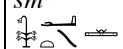
	 Wb 4, 436.4-14 = *šb* (also: 'transform; change') (Demotic)	**accentuated] /** **sh[è]b**		**ϣⲓⲃⲓ ϣⲃ**	accent. **ϵ** ⇔ **ⲓ** ⇔ []
1;2;3	*sḏ* = *st* (Ptol.) Wb 4, 363.4-364.2	**s[a]d /** **s[a]t**	tail	V. 197 - MK = **ⲥⲁⲧ**	BOD *d* = **ⲧ**
1;2;3	*sḏ* = *sd* Wb 4, 373.8-375.7	**s[a]dj / sAd**	vomit [lit. 'dig [out]']	V. 271 - OK (Pyr) = **ϣⲁⲧ ϣⲓⲧ**	(v.) *s* = **ϣ** [a] ⇔ *ȝ* *ḏ* = **ⲧ**
1;3;4	*sḏ*	**s[o]dj[è] ['dj' accentuated]**	fight	V. 278 - (Demotic) = **ⲥⲟϫⲉ ϣⲟϫⲉ**	(v.) accent. *s* =**ϣ**
1;3;4	*šd* Wb 4, 560.8	**sh[ô]d**	cushion (in leather) [IE = English 'cushion'?]	V. 271 - MK = **ϣⲱⲧ ϣϣⲱⲧ**	TOOL *d* = **ⲧ**
0;2;2	*šd* Wb 4, 565.23	**shd[è] ['d' accentuated]**	hatching [; nest?]; nestlings [French = 'oisillons']	V. 271 - OK (Pyr) = **ϣⲧⲉ** 'nest' [semantic shift]	ZOOP accent. *d* = **ⲧ**
1;3;4	*sḏ.t* Wb 4, 375.12-377.7	**s[a]dj[è] ['dj' accentuated]**	fire; flame	V. 197 - MK = **ⲥⲁⲧⲉ ⲥⲁϯ**	MAT accent. *ḏ* = **ⲧ** *ḏ* = **ϯ**
1;2;3	*šd.t*  Wb 4, 567.1-2 = *st*(*y*).*t* (Demotic)	**sh[ô]d[è] ['d' accentuated] /** **sh[ô]tï**	well	V. 272 - OK = **ϣⲱⲧⲉ ϣⲱϯ** also 'ditch'	ENV accent *d* = **ⲧⲉ** *d* = **ϯ**
1;3;4	*šḏ.t* Wb 4, 567.3 = *šd.t* Wb 4, 569.5-7	**sh[ô]dj[è] ['dj' accentuated] /** **sh[ô]d[è]**	flour; dough	V. 272 - OK = **ϣⲱⲧⲉ**	FOOD accent. *ḏ*= **ⲧⲉ** *ḏ* = **ϯ**
0;3;3	*sdȝ* Wb 4, 365.15-366.12-2 = *zdȝdȝ* = *sdd* = *ỉsdd* = *ỉsdydy*	**sdA** [[e]sdA?]/ **zdAdA** [[*e*]zdAdA?] **/** **[e]sd[a]d[a] /** **æsd[a]d[a] /** ædïdï or	shake, tremble, make temble [IE = English '**sh**ake'?]	V. 199 - NK (Dyn. XVIII) = **ⲥⲧⲱⲧ**	(v.) shwa *ȝ* = **ⲱ** *d* = **ⲧ** [*e*?] ⇔ *ỉ* ⇔ *y*

	 = *ys3dydy*  Wb 4, 366-367.9	æsd{o}d{o}? ïsAdïdï?			
1;3;4	*sdb* Wb 4, 368.12-369.2	**s[ô]db[*è*] / s[ô]tb[*è*]**	chew; drink	V. 198 - 2nd Inter. Per. = ⲥⲁⲧⲃⲉ ⲥⲁⲑⲙⲓ	(v.) accent. [ô] = ⲁ *d* = ⲧ
1;4;5	*s-dbḥ-w* [*sdbḥ.w*=  Wb 4, 369.9-13 = *sdbḥ* (Demotic)	**sdb[a]H**	tools, equipment, accessories	V. 198 - Ne E. = ⲥⲧⲉⲃⲁⲉⲓϩ	TOOL
1;3;4	*sḏd* Wb 4, 394-395.12	**s[ô]dj[*è*]d ['dj' accentuated]**	speak [lit. 'cause to say']; tell, talk; recount [IE = English '**sa**y?]	V. 278 - MK = ⲥⲁⲭⲓ ⲯⲁⲭⲉ ⲥⲉⲭⲓ ⲯⲉⲭⲉ	(v.) accent. ô = ⲁ *s* = ⲯ
1;3;4	*sḏm* Wb 4, 384.4-387.14 = *stm* (Demotic)	**s[ô]dj[*é*]m /** **sot[*é*]m ['dj' or 't' accentuated]**	hear, listen	V. 199 - OK (Pyr) = ⲥⲱⲧⲙ ⲥⲱⲧⲉⲙ	(v.) accent. *d* = ⲧ
1;3;4	*sdm* [*smd?*] Wb 4, 370.9.10 = *stm* (Demotic)	**sd[è]m [sm[é]d?] /**	make up (for eyes) [French = 'fard']	V. 199 - OK = ⲥⲧⲏⲙ	MAT *d* = ⲧ
1;4;5	*sdwn* No Wb? = *swtn* (Demotic)	**sdw[ô]n /** **swt[o]n [metathesis]**	spread, spread oneself; extend	V. 202 - ? = ⲥⲟⲩⲧⲱⲛ [metathesis]	(v.) *d* = ⲧ *w* = ⲟⲩ
1;3;4	*šḏy*	**sh[o]djï**	hero	V. 278 - (Demotic) = ⲯⲟⲉⲓⲝ ⲯⲱⲓⲝ [metathesis]	ABS
0;3;3	*šdy* [*š3d*] Wb 4, 563.1 = *šty* (Demotic)	shAd[é] / sh[a]tï	dig, cave	V. 271 - OK = Related to ⲯⲧⲏ 'ditch'	(v.)
1;2;3	*šdy* [*šd*] Wb 4, 560.8-562.19 = *šty* (Demotic)	**sh[ô]d[*è*] ['d' accentuated] / sh[ô]tï**	take away, rapt	V. 271 - OK (Pyr) = ⲯⲁⲧ ⲯⲉⲧ ⲯⲓⲧⲉ ⲯⲓϯ	(v.) accent. *d* = ⲧⲉ *d* = ϯ
1;1;2	*sf* Wb 4, 113.2-16 = *sf* (Demotic)	**s[a]f**	yesterday	V. 203 - OK (Pyr) = ⲥⲁϥ	TIME

1;2;3	*šf* Wb 4, 455.8-11	**sh[ô]f[è]**	swell	V. 275 - Ptol. = ⲱⲁⲁϥⲉ ⲱⲁϥⲉ ⲱⲁϥⲓ	MED [ô] = ⲁⲁ [ô] = ⲁ
0;3;3	*šfꜣ*	**shfA**	tale	V. 257 - (Demotic) = ⲱⲃⲱⲱⲥ	ABS *ꜣ* = ⲱⲱ
1;3;4	*šfd*  Wb 4, 461.9-10	sh[ô]fd	grab; catch [French: 'poignée']	V. 277 - Neo Eg. = Related to ⲱⲟϥⲧ 'handgrab; spoon'	(v.)
1;3;4	*sfḫ*  Wb 4, 116.2-117.5	s[ô]fkh	detach, untie, loosen, relase	V. 203 - OK (Pyr) = Related to ⲥⲓⲱϥ [metathesis?]	(v.)
1;3;4	*sfḫw* [*sfḫ.w*] Wb 4, 115.15	**s[a]fkh**	seven [IE = seven]	V. 203 - OK (Pyr) = ⲥⲁϩϥ ⲥⲁⲱϥ ⲱⲁⲱϥ [metathesis]	NUM *ḫ* = ϩ *ḫ* = ⲱ
1;3;4	*sfy* [*sfy.ii*]  Wb 4, 114.15-19	**s[i]fï**	resin	V. 204 - Late = ⲥⲓϥⲉ ⲥⲓϥⲓ	MAT
0;3;3	*šfyy.t* [*šfy.t*]  Wb 4, 457.2-459.7 = *sf.t* (Demotic)	**shfï /** **sf[è] ['f' accentuated]**	majestic; renown	V. 256 - MK = ⲱⲃⲏ ⲱⲃⲉ	(v.) accent. *f* = ⲃ [è] ⇔ *y*
1;3;4	*sgꜣp* Wb 4, 321.1-3 = *sgp skp* (Demotic)	**sgAb /** **sg[a]p / sk[a]p**	scream (also as n.)	V. 259 & 278 & 279 - NK = ⲱⲕⲁⲡ ⲱⲟⲁⲡ	(v.) [ô] = ⲁ *s* = ⲱ *g* = ⲕ *b* = ⲡ
1;3;4	*šgnn*	sh[ô]gn[è]n ['n' accentuated]	fight; [lit. 'hit'?] [IE = English: 'shock'?]	V. 278 - (Demotic) = ⲱⲟⲛⲏⲛ. Related to 'quarrel'	(v.) accent. duplic.
1;3;4	*s-gnn* [*sgnn*]  = *sgꜣnn* (Dyn. XX) Wb 4, 322.17-323.3 = *sgn* (Ptol.) = *skn* (Ptol.)  = *zkn* (Ptol.)  = *sgn* (Demotic)	**s[ô]g[è]n /** **s[ô]gAn ['g' accentuated + 'n' long by duplication] /** **s[o]g[è]n /** **s[o]k[è]n /** **z[o]k[è]n /** **s[o]gn**	unguent [sweetener? Lit. 'causer to be sweet'], oil, ointment [IE = French '**ong**uent']	V. 207 - NK = ⲥⲟⲟⲛ ⲥⲟϫⲉⲛ ⲥⲁⲟⲛ ⲥⲁϫⲉⲛ. Related to  *gnn* 'to be sweet'	MAT accent = *ꜣ* accent. elong. [è] = *ꜣ* *g* = ⲟ *g* = ϫⲉ
0;4;4	*sgr* [*sg{ꜣy}r*] Wb 4, 324.6 & TLA DZA 29.663.070	**sg{Au}r**	fortress; keep	V. 279 - Neo Eg. = *ⲱⲟⲱ ⲱⲟⲉ	HAB foreign? {DIA} *s* = ⲱ

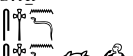
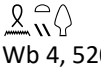
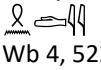
					g = ϭ *ȝ* = ϵ *r* = []
1;4;5	*s-grḥ* [*sgrḥ*] = *zghḥ* Wb 4, 324.7-12	**sgr[ô]H** **[g accentuated] /** **zgr[ô]H**	calm	V. 207 - ? = ⲥⲟⲣⲏⲃ ⲥⲟⲣⲁⲃⲧ	(v.) *g* = ϭ [ô] = ʜ [ô] = ⲁ
1;3;4	*šḥb* Wb 4, 529.9	sh[a]hb	wind - hot [and dry], hot dry wind [IE = French: 'chaud'?]	V. 258 & 277 - Ptolemaic = Related to ⲱⲟⲃ ⲱⲟⲡ ⲱⲟⲃⲃ ⲱⲟⲡⲃ [metathesis for last two] 'dry [in the sense of dessicate]' (French: 'dessècher')	ENV
1;3;4	*sḥḍ* Wb 4, 226.8 = *sḫt* (Demotic)	**s[a]Hdj[*è*] / s[a]Ht[*è*]** **['t' accentuated]**	flame; light	V. 203 - Ptol. (earlier?) = ⲥⲁⲃⲧⲉ ⲥⲁⲃ†	MAT accent. *t* = †
1;3;4	*sḥḍ* Wb 4, 224.16-226.6	**s[ô]Hdj[*è*] ['dj' accentuated]**	light	V. 206 - OK = ⲥⲁⲃⲧⲉ ⲥⲁⲃ† also 'burn; warm up; cook'	(v.) [ô] = ⲁ accent. *ḏ* = ⲧⲉ *ḏ* = †
1;3;4	*s-ḥn* Wb 4, 216.8-16	**s[ô]Hn[*è*]**	organize; equip; also as noun: provisions; dispositions; agreement	V. 206 - MK = ⲥⲁⲃⲛⲉ ⲥⲁⲃⲛⲓ ⲥⲉⲃⲛⲉ 'provide; administer' [see *ḥn*]	(v.) accent. [ô] = ⲁ [ô] = ϵ
1;3;4	*s-ḥry* [*sḥr*] Wb 4, 219.9-220.12 = *sḥr*	**s[ô]Hr**	repel, send afar; [sweep?]	V. 206 - OK (Pyr) = ⲥⲱⲃⲣ ⲥⲱⲣⲃ [metathesis]	(v.)
0;3;3	*sḫt*	**s[*è*]Ht** **['s' accentuated]**	leprosy; also: (v.): 'to be a leper'	V. 203 - (Demotic) = ⲥⲉⲃⲧ	MED accent.
1;4;5	*s-ḫwr* [*sḫwr*] Wb 4, 213.4-6	**sHw[ô]r**	curse, damn, vilify, reproach	V. 206 - Late? = ⲥⲃⲟⲩⲱⲣ ⲥⲃⲟⲩⲉⲣ ⲥⲁⲃⲟⲩⲉ ⲥⲁⲃⲟⲩⲓ	(v.)
1;2;3	*sḫy* [*sḫ*] Wb 3. 466.13 = *sḫy* (Demotic)	**s[ô]kh**	hit, bit up	V. 203 - OK = ⲥⲟⲱ ⲥⲉⲱ ⲥⲁⲱ	(v.)
1;2;3	*sḫy.t* [*sh.t*] Wb 3. 467.14	**s[a]kh**	hit (French: 'coup')	V. 203 - MK = ⲥⲁⲱ ⲱⲁⲱ ⲱⲁⲱⲓ ⲱⲉⲱ ⲱⲏⲱ ⲱⲏⲱⲓ. See also *sḳr*.	MED
0;3;3	*sis* 	**sæs**	six [IE = Spanish 'seis', English 'six', etc..]	V. 182 - OK (Pyr) = ⲥⲉ	NUM *s* = []

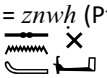
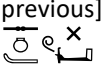
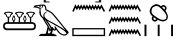
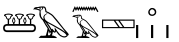
	Wb 4, 40.7				
1;2;3	*sk* Wb 4, 314.14	**s[i]k[*è*]** **['k' accentuated]**	grind	V. 186 - NK? = ⲥⲓⲕⲉ ⲥⲓⲕⲓ	(v.) accent. [*è*] = ⲉ [*è*] = ⲓ
1;2;3	*šk*	**sh[i]k[*è*] ['k' accentuated]**	tomb; grave [French: 'fosse']	V. 259 - (Demotic) = ⲯⲓⲕⲉ ⲯⲓⲕⲓ ⲯⲉⲕⲧ ⲯⲁⲕⲧ	HAB accent.
0;3;3	*sk3*  Wb 4, 316.15 = *s3k.t* Wb 4, 315.12	skA	colt, foal (of donkey)	V. 207 - NK (Dyn. XIX) = Related to ⲥⲛⲕ ⲥⲛϭ ⲥⲛⲭ? See *sk*.	ZOO
1;3;4	*sk3* [*sk*{*3w*}] TLA DZA 29.654.350 = Wb 4, 315-316.9	**sk{Au}/**	plough, cultivate	V. 187 - OK (Pyr) = ⲥⲕⲁⲓ ⲥⲭⲁⲓ	(v.) {DIA} *3w* = ⲁⲓ ⲕ = ⲭ
1;3;4	*skm* Wb 4, 318.1	**sk[i]m**	greying of hair ; balding	V. 187 - 2nd Interm. Per. = Related to ⲥⲕⲓⲙ ⲥⲭⲓⲙ 'grey hair'	MED ⲕ = ⲭ
1;3;4	*skm* = *zkm* (Ptol.) Wb 4, 317.12-13	sk[ô]m / zk[ô]m	grey (to go; of hair) ; to grow old; to grow wise	V. 187 - NK (Dyn. XVIII) = Related to ⲥⲕⲓⲙ ⲥⲭⲓⲙ 'grey hair'	(v.)
1;3;4	*skr*	**s[è]k[o]r**	tax; levee	V. 278 - (Demotic) = ⲯⲟⲟⲣ 'rent' [semantic shift/]	TOOL *s* = ⲯ
1;3;4	*skr*	**sk[é]r**	sail [IE = English 'sail'?]	V. 203 - (Demotic) = ⲥϭⲏⲣ ⲥⲕⲏⲣ	(v.) NAV
1;4;5	*sksk* Wb 4, 319.6	s[ô]ks[*è*]k ['s' accentuated]	light (to; a place)	V. 187 - Ptol. = Related to ⲥⲉⲕⲥⲓⲕ 'place lit/in the sun'	(v.) accent.
1;2;3	*sky* Wb 4, 314.15-16	s[i]kï	flour [lit. 'of the grind']	V. 186 - NK = Related to *sk* 'grind' and ⲥⲓⲕⲉ ⲥⲓⲕⲓ	FOOD *y* = ⲉ ⲉ ⇔ⲓ
0;3;3	*sl3*	**slA**	coffin	V. 187 - (Demotic) = ⲥⲗⲏ	TOOL *3* = ⲏ
1;3;4	*šlf*	**shl[ô]f**	shame; ugly; hair standing on head	V. 262 - (Demotic) = ⲯⲗⲟϥ	ABS
1;3;4	*šlḥ*	**shl[a]H**	fear (for oneself of...)	V. 262 - (Demotic) = ⲯⲗⲁϩ	(v.)
0;3;3	*šlḥ*	**shlH / shl[è]H ['l' accentuated]**	branch; shoot	V. 262 - (Demotic) = ⲯⲗϩ ϭⲗⲉϩ	BOT *š* = ϭ accent.
1;3;4	*šll* = ?	**shl[é]l**	pray; prayer, lamentation (n.)	V. 260 - (Demotic) = ⲯⲗⲏⲗ	(v.)

1;3;4	*šll*	**shl[o]l**	people; family [IE = English 'people'?]	V. 260 - (Demotic) = ⲯⲗⲟⲗ also 'tribe; multitude'	MAN
1;5;6	*š-llwl* [=? **rrwr*]	**sh-l[oo]l{[ô]w}l/** **[ô]sh-l[oo]l{[ô]w}l**	shout [lit. cause to [make some] screams of joy] [IE = English: 'jubilate']	V: 97 & 251 - (Demotic) = ⲯⲗⲟⲩⲗⲁⲓ ⲱⲯⲗⲟⲩⲗⲁⲓ 'to push screams, jubilate, acclaim' = ⲱⲯ + ⲗⲟⲩⲗⲁⲓ 'cause + screams (ⲗⲟⲩⲗⲁⲓ 'screams' n.)	(v.) ONO? foreign? *w* = ⲁⲓ
1;3;4	*šlt*	**shl[i]t**	forked	V. 261 - (Demotic) = Related to ⲯⲗⲓⲧ 'fork; pointed [tool]; broch.	ADJ
1;2;3	*šm* = *šm.t* 'mother in law' (OK) 	**sh[ô]m**	father-in-law / mother-in-law = ? *šʒm* 'parents through alliance' (NK) 	V. 263 - (Demotic) = ⲯⲱⲙ ⲯⲟⲙ ⲯⲟⲟⲙ	TIT
1;2;3	*šm* Wb 4, 462.7-465.18 = *šm* (Demotic)	sh[ô]m? shAm?	go; traverse	V. 254 - OK (Pyr) = ⲯⲏ ⲯⲉⲓ ⲯⲉ [ⲙⲁ–ⲯⲉ ⲛⲁⲕ 'go you]! = French: 'vas-t-en!'	(v.) *m* = []
1;2;3	*sm* [*sm.w; sim?*] Wb 4, 119.11-120.3 = *sm* (Demotic)	**s[i]m** [sæ?m or something the like?] **/** **s[i]m**	herbs, plants, vegetables, pasture	V. 188 - OK = ⲥⲓⲙ	BOT
-	*šm* [*šm[ii?]*] Wb 4, 462.12	**sh[*é*]m-è**	go and come, go back and forth, walk around, circulate	V. 258 - OK (Pyr) = ⲯⲉⲉⲓ	(v.) *ii* = ⲉⲓ
0;3;3	*šmˁ*  Wb 4, 477.12-478.2	**Shm*a***	thin; meagre (be)	V. 262 - OK = ⲯⲙⲁ	(v.)
0;3;3	*šmʒ* Wb 4, 470.7-11 = *šmʒ* 'foreigner' (Demotic)	**shmA /** **sh[è]mA ['m' long]**	vagabond; beggar; nomad [; stranger, foreigner?]	V. 264 - OK? = ⲯⲙⲙⲱ ⲯⲙⲙⲟ ⲯⲉⲙⲙⲟ Plur. ⲯⲉⲙⲙⲱⲟⲩ ⲯⲙⲙⲟⲉⲓ ⲯⲙⲙⲁⲓ	MAN *ʒ* = ⲱ *ʒ* = ⲟ
0;3;3	*smʒ*	**smA**	Bless = *?s-mʒˁ* 'pray'	V. 188 - (Demotic) = ⲥⲙⲟⲩ	(v.) *ʒ* = ⲟⲩ
0;3;3	*šmˁw* [*šmˁ.w*] Wb 4, 472.8-475.18 (Demotic)	Shm*a*	Upper Egypt (V. states: 'the 'narrow' land as opposed to the width of the Delta')	V. 262 - OK (Pyr) = Related to ⲯⲙⲁ	LOC
1;3;4	*smḥ* Wb 4, 140.8-9	**sm[a]H**	branch	V. 189 - Neo E. = ⲥⲙⲁϩ	BOT
0;3;3	*smi* [*smi[i]*] = *smy*	**smæ /** **smï /**	accuse; report; complaint	V. 189 - MK = ⲥⲙⲙⲉ ⲥⲉⲙⲓ	(v.) {DIA} accent. *i*[*i*] = ⲉ

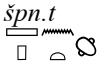
	 = *sm{iw}* Wb 4, 127.7-128.13	**sm{è} ['m' accentuated or elongated?]**			*i*[*i*] = ⲓ *i*[*i*] ⇔ *y* ⇔ *{iw}*
1;3;4	*šmm* Wb 4, 468.1-17 = *ḫmm* (Ptol.) 	**shm[ô]m /** **khm[ô]m**	warm up, become hot	V. 301 - OK = ϩⲙⲟⲙ ϧⲙⲟⲙ ϩⲙⲟⲙ	(v.) *š* = ϩ *š* = ϧ *š* = ϩ
1;3;4	*šmm* = *ḫmm* Wb 4, 468.1-17 = *sḫmm* Wb 4, 292.19	**shm[ô]m /** **khm[ô]m /** **sHm[ô]m**	warm up, hot (be or become)	V. 264 - ? = ⲱⲙⲟⲙ	(v.) *ḫ* = ⲱ
1;3;4	*smn* = *zmn* Wb 4, 136.2-4	**sm[oo]n[è]** **['n' accentuated] /** **zm[oo]n[è]**	goose (of some kind [Nile goose])?	V. 189 - OK = ⲥⲙⲟⲩⲛⲉ 'Nile goose' *Chenalopex aegyptiaca*	ZOO accent. [oo]
1;3;4	*s-mn* Wb 4, 131-134.7	**sm[i]n[è]** **['n' accentuated]**	establish [lit. cause to remain], make firm, make endure	V. 189 - OK (Pyr) = ⲥⲙⲓⲛⲉ ⲥⲙⲛ	(v.) accent.
2;3;5	*šmr*	**sh[a]m[a]r**	fennel (*Foeniculum vulgare* L.)	V. 260 - (Demotic) = ⲱⲁⲙⲁⲣ	BOT foreign?
0;6;6	*šmšʿkʿ*	**sh[*e*]msh*aka***	whistle	V. 251 & Vieira: 245 - (Demotic) = ⲱⲙⲱϩⲟⲉ	ONO foreign? ʿ = ϩ ʿ = ⲉ
2;3;5	*smsm* Wb 4, 143 =*ssm.t* Wb 4, 276.18-277.7	s[oo?]s[i]m	horse	V: 81 = NK? = Related to Hebrew 'susim'?	ZOO foreign
1;4;5	*šmšm.t* Wb 4, 488.3-5	shmsh[i]m	Hemp [*Cannabis sativa* L. according to Germer, Flora 23; but sesame?]	V. 189 - OK = Related to ⲥⲙⲥⲓⲙ ⲥⲁⲥⲓⲙϩⲛ 'sesame'?	BOT
1;3;4	*smsw* [*sms.w*] Wb 4, 485.6-486.15	sh[a]ms[è] ['s' accentuated]	servant; partisan [, follower]; retainer	V. 265 - OK (Pyr) = Related to ⲱⲁⲙⲱⲉ (part.) or ⲱⲙⲱⲓⲧ ⲱⲙⲱⲉⲧⲉ 'servant'	PRO accent.
1;3;4	*šmsy* [*šms*] 	**sh[ô]ms[è]**	serve; follow; conduct, bring	V. 264 - OK = ⲱ̄ⲙⲱⲉ	(v.) [ô] = []

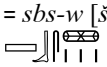
	Wb 4, 482-484.18 = *šms* (Demotic)			ⲱⲏⲙⲱⲓ ⲱⲙⲱϵ ⲱⲙⲱϩϵⲧ also: 'venerate, adore, celebrate'	[ô] = ⲏ [*è*] = ϵ [*è*] = ϵ
1;3;4	*smt*	**sm[o]t**	form	V. 189 - (Demotic) = ⲥⲙⲟⲧ	ABS
1;2;3	*šmw* [*šm*] = *šmm* Wb 4, 480.5-14 = *šmw šm šmm* (Demotic)	**sh[o]m /** **sh[o]m[*è*]** **['m' accentuated]**	summer (season); harvest; tax [IE = English: 'summer']	V. 263 - OK = ⲱⲟⲙ	CAL accent.
1;3;4	*šmw.t*	**shm[ô]w / shm[ô]w[*è*]**	post (French: 'poteau'); stake	V. 260 - (Demotic) = ⲱⲙⲟⲩ ⲱⲙⲟⲩⲓ ⲱⲙⲟⲩϵ	TOOL *w* = ⲟⲩ
1;2;3	*šn* = *sny* (Ptol.) Wb 4, 150.8-151.4 = *sn* (Demotic) Plural.: *snw* = *snwy* 	**s[o]n or s[a]n /** **snï** **Plural.:** **sn{[o]w[*è*]}** **sn{[o]w}ï**	brother	V. 190 - OK = ⲥⲟⲛ ⲥⲁⲛ Also extrapolated from ⲥⲛⲛⲙⲁⲟⲩϵ = *sn n mhw* [*mˁḥ{ȝw}*] 'brother of the family of pharaoh' V: 131 - Ptolemaic.	FAM [*è*] ⇔ *y* ⇔ *i*
1;2;3	*sn.t* Wb 4, 151.5-16	**s[ô]n[*è*] ['n' accentuated]**	sister	V. 190 - OK = ⲥⲱⲛϵ ⲥⲱⲛⲓ	FAM accent. of diferenti ation (with sn 'brother') [*è*] = ϵ [*è*] = ⲓ
0;2;2	*šn.t* Wb 4, 497.9-12 = *š.t* 	**sh[*è*]n / sh[*è*]** **['sh' accentuated]**	hundred [IE = Latin '**cen**tum']	V. 254 - MK = ⲱϵ	MEAS NUM accent. *n* = []
1;3;4	*šnˁ*	**sh[ô]n*a***	send back; detain	V. 266 - MK = ⲱⲱⲛϵ	(v.)

	 Wb 4, 504.5-505 = *šn* (Demotic)			ⲯⲟⲟⲛ ⲯⲉⲛⲉ	[ô] = ⲱⲱ [ô] = ⲟⲟ [ô] = ⲉ *a* = ⲉ
0;3;3	*šnᶜ* [*šnᶜ.w*] Wb 4, 507.12-508.25	**shn*a***	shop; warehouse, storehouse; work place	V. 267 - OK = ⲯⲛⲁϒ 'market' [semantic shift]	HAB *a* = ⲁϒ
0;3;3	*snᶜᶜ* Wb 4, 156.10-16	**s[è]n{ā}**	grind finely; polish; make smooth	V. 217 - OK = ⲧⲛⲛⲟ ⲧⲉⲛⲛⲟ	(v.) {DIA} *š* = ⲧ ᶜᶜ = ⲟ
0;5;5	*snʒyn.t*	**snAïn** sn{o}n?	water, source	V. 191 - (Demotic) = Related to ⲥⲛⲏⲓⲛⲓ 'water wheel'	MAT foreign? {DIA?}
1;3;4	*snḏ*  = *snd* Wb 4, 182.2-183.3 = *snt* (Demotic)	**sn[ô]dj /** **sn[ô]d**	afraid (to be), fear (to)	V. 191 - OK (Pyr) = ⲥⲛⲁⲧ	(v.) [ô] = ⲁ *ḏ* = ⲧ *d* = ⲧ
1;3;4	*šnḏ.t* = *šnt.t*  Wb 4, 520.9-13 = *šnt.t* (Demotic)	**sh[o]ndj[è] / sh[o]ntï** **['dj' or 't' accentuated]**	acacia of the Nile, Nile acacia (*Acacia nilotica* L.)	V. 267 - OK (Pyr) = ⲯⲟⲛⲧ ⲯⲟⲛϯ	BOT accent. *ḏ* = ⲧ *ḏ* = ϯ
1;3;4	*šnḏw* [*šnḏ.w*] = *šndy* (NK)  Wb 4, 522.2-7 = *šn* (Demotic)	**sh[è]ndj{[ô]w} /** sh[è]ndï or sh[è]nd{Au}? ['sh' accentuated]	kilt (particularly of the king; French = 'pagne'); loin cloth	V. 266 - OK (Pyr) = Related to ⲱⲛⲧⲱ ⲯⲉⲛⲧⲱ 'linen; linen clothing'	TOOL {DIA?} accent. *ḏ* = ⲧ
1;3;4	*snf* = *snmf* = *snw*[*f*] (N.E) Wb 4, 162.12-14	**sn[ô]f /** **snm[ô]f /** **s{n[ô]w}f /**	year past, last year	V. 193 - OK = ⲥⲛⲟϒϥ	TIME *m* = []

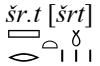
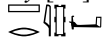
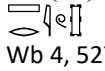
	= *snf* (Demotic)	**sn[oo]f /**			
1;3;4	*šnf* [*š3nf*] Wb 4, 515.2	**shAnf[*è*]** **['f' accentuated]**	scale (of fish)	V. 267 - NK = ⲱⲛⲫⲉ ⲱⲉⲛⲫⲓ ⲱⲏⲃⲉ ⲱⲓⲫⲉ ⲱⲏⲓⲫⲓ	ZOOP accent = *ȝ* *ȝ* = [] *ȝ* = ⲉ
1;3;4	*snḥ* = *znwḥ* (Ptol.)  = *znwḥ* (Ptol.) [metathesis of previous]  Wb 4, 168.12-24 = *snḥ* (Demotic)	**s[ô]nH /** **z[ô]nH /** **z{n[ô]w}H**	bind; chain	V. 193 - OK = ⲥⲱⲛϩ	(v.) *z* = ⲍ
1;3;4	*snḳ* Wb 4, 174.7-18 = *snky* (Demotic)	**s[ô]nq**	suck; suckle (breast feed) [IE = English 'suck']	V. 191 - OK = ⲥⲱⲛⲕ ⲥⲱⲙⲕ	(v.) *n* = ⲙ
1;4;5	*šnš* [*š3nš*]  = *š3n3š*  Wb 4, 517.7	**shAn[a]sh /** **ShAnAsh**	putrid, brackish, smelly (said of water)	V. 267 - Neo Eg. = ϩⲛⲁⲱ [metathesis] ⲱⲟⲛⲱ 'stink'	(v.) foreign? *š* = ϩ [a] = *ȝ*
1;3;4	*snṯ.t* =*snṯ.t* = *snty* (N.K - Dyn. 19/20) Wb 4, 179.9-14	**sntch[*è*] /** **snt[*è*] ['tch' or 't' accentuated] /** **sntï**	foundation; foundation walls; ceilings; plan	V. 191 - MK = ⲥⲛⲧⲉ ⲥⲉⲛϯ	ARCH accent. *ṯ* = ⲧⲉ *ṯ* = ϯ *ty* = ⲧⲉ *ty* = ϯ
1;5;6	*sntks*	**s[è]nt[a]ks**	syntax	Vieira: 238 - (Demotic), Greek?	GRAM foreign?
1;4;5	*sntr* Wb 4, 180.18-181.17 = *sntr* = *sntri* 	**s[o]ntch[è]r /** **s[o]nt[è]r /** **s[o]nt[è]ræ ['tch' or 't' accentuated]**	scent [rather than 'incense' [IE = Latin '**sentire**', French 'senteur']	V. 192 - NK (earlier?) = ⲥⲟⲛⲧⲉ ⲥⲟⲛϯ	MAT BOT accent. *ṯ* = ⲧ *ṯ* = ϯ *t* = ⲧ *t* = ϯ *r* = []

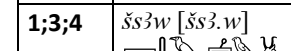
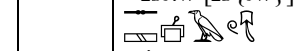
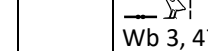
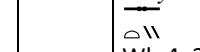
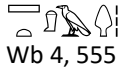
1;3;4	*snty* = *snty* Wb 4, 177.10-178.15 = *snt* (Demotic)	**s[ô]ntch /** **s[ô]ntï /** **s[ô]nt**	found	V. 192 - OK (Pyr.) = ⲥⲱⲛⲧ	(v.) *t̲* = ⲧ
0;2;2	*šnw* [*šn.w*] Wb 4, 509.8-9	**shn[è]** **['n' accentuated]**	net	V. 265 - Neo Eg. (earlier?) = ⲱⲛⲉ pl. ⲱⲛⲉⲩ ⲱⲛϩⲟⲩ	TOOL
1;2;3	*šn-w* [*šn.w*] Wb 4, 495.1-7 = *šn* (Demotic)	**sh{n[ô]w} /** **sh[o]n[è]** **[metathesis]**	decease (n.); trouble; need	V. 266 - MK = ⲱⲟⲛⲉ ⲱⲟⲛⲓ	MED
1;2;3	*šnw* [*šn*] Wb 4, 498.6-499.4 = *šn* (Demotic) Plur.: *šnw* 'trees' 	**sh[é]n ['sh' long].** **Plur. sh[é]{n[ô]w}[è]**	tree [IE = French: 'chêne'?]	V. 265 - NK = ⲱϩⲛ ⲱⲱϩⲛ. The term is found in *N3 šnw n stḫ* [lit. 'The Trees of Seth' (a locality), today Qasr as-Sayyad = Chenoboskion.	BOTP
1;2;3	*snw.t* [*sn.w.t*] Wb 4, 152.15-153	**s[é]n[è]** **['n' accentuated]**	shrine [IE = English 'shrine'?]	V. 190 - OK (Pyr) = ϩⲛⲉ ϩⲓⲛⲓ 'coffin; granary'	TOOL accent.
1;3;4	*šnw.t* Wb 4, 510.1-16	**sh[è]{n{ô]w}** **['sh' accentuated]**	silo; barn, granary, storeroom	V. 274 - OK = ⲱⲉⲩⲛⲉ ⲱⲉⲩⲛⲓ	accent. TOOL
-	*šnw-ḥ3.t.y* [*šn.w ḥ3ty*] 	**sh[ô]n[è]-HAtï**	pity [lit. 'be sick of heart']	V. 266 - ? = ⲱⲉⲛ−ϩⲏⲧ	(v.)
1;3;4	*sn-wy* [*snw*] = *sn.t* Wb 4, 148.6	**s{n[ô]w} /** **sn[ô]**	two	V. 192 - OK (Pyr) = ϩⲛⲁⲩ ϩⲛⲉⲩ ϩⲛⲁⲁⲩ ϩⲛⲉⲟⲩ ϩⲛⲧⲉ ϩⲛⲟⲩⲧ	NUM *w* = ⲁⲁⲩ *w* = ⲁⲩ *w* = ⲉⲟⲩ *w* = ⲉⲩ
0;3;3	*šnwyy.t* [*šn.w.y*] Wb 4, 499.6 = *šn šn.t* (Demotic)	**shnï /** **shn[é]**	tree garden, oarchard [IE = French: 'chênaie'? = oaks' forest]	V. 265 - Neo Eg. = ⲱⲛϩ also 'garden'	BOTP
1;3;4	*sny* No WB?	**[E]snï**	Esnah	V. 190 - Neo E? = ⲉϩⲛϩ ϩⲛϩ	LOC *s* = *e* ï = ⲏ
0;3;3	*šny* Wb 4, 499.9-501.3	**shnï / sh[è]nï**	fibres, hair (of palm tree)	V. 265 - OK (Pyr) = ⲱⲛ ⲱⲉⲛ. Extrapolated from	BOTP

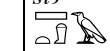
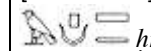
				šny bnry 'fibres of the palm tree'	
0;2;2	*šny* [*šn*] = *šny* = *šnn* Wb 4, 495.8-17 = *šn* (Demotic)	**sh[ô]n /** **sh[ô]n[*è*]** **['n' accentuated by duplication] /** **sh[*è*]n**	ask; interrogate	V. 266 - MK = ⲯⲉⲛ ⲯⲓⲛⲉ ⲯⲓⲛⲓ ⲯⲛⲧ	(v.) accent. duplic. [ô] = ⲉ [ô] = ⲓ [*è*] = ⲉ [*è*] = ⲓ
1;2;3	*šny* [*šn*] Wb 4, 494.15-18 = *šn* (Demotic)	**sh[ô]n[*è*]** **['n' accentuated]**	sick (be)	V. 266 - OK (Pyr) = ⲯⲟⲛⲉ ⲯⲟⲛⲓ	(v.) MED accent.
1;2;3	*šp* Wb 4, 444.9-10 = *šp* (Demotic)	**sh[a]p**	present of honour, honour prize	V. 267 - Ptolemaic = ⲯⲁⲡ 'wedding present' [semantic shift]	TOOL
1;2;3	*sp.t* Wb 4, 99.13-100.16 = *sp.t* (Demotic)	**s[ô]p[*è*]** **['p' accentuated]**	fringe, edge (French 'bord'); bank, shore	V. 194 - OK = ⲥⲱⲡⲉ ⲥⲱⲡⲓ	ABS accent.
1;3;4	*sp.t* [*spt*] Wb 4, 99.13 = *sp.t* [*spt*] (Demotic)	**sp[a]t**	lip [put with 'fringe, edge, etc...in TLA but a distinct word as revealed by Coptic]	V. 194 - OK = ⲥⲡⲁⲧ	BOD t = not silent
1;3;4	*spd* Wb 4, 111.5-8	**S[ô]pd[*è*]** **['d' accentuated]**	Sirius (star) = 11th month of the year	V. 221 - MK = ⲧⲁⲡⲥⲟⲧⲉ [metathesis?] ⲧⲁⲫⲁⲧⲉ ⲧⲁⲩⲥⲁⲧ	ASTR accent. *d* = ⲧⲉ
1;4;5	*spdd* Wb 4, 113.1 = *spdd* Wb 4, 112.10-20	**s[ô]pdj[è] /** **s[ô]pd[*è*] ['dj' or 'd' accentuated / elongated, the latter with or without duplication]**	prepare, make ready, equip	V. 185 - NK (XVIII) = ⲥⲟⲃⲧⲉ ⲥⲟⲃⲧ ⲥⲉⲃⲧⲱⲧ ⲥⲃⲧⲱⲧ ⲥⲉⲃⲧⲉ	(v.) accent. p = ⲃ *ḏ* = *d* *ḏ* = ⲧ *d* = ⲧ
1;3;4	*špn.t*  Wb 4, 444.16	**shp[o]n**	woman of good quality (adj.) [lit. 'excellent [one] from]	V. 268 - MK = ⲯⲡⲟⲛⲟⲩ	MAN
1;3;4	*spr* Wb 4, 103.13-104.3	s[ô]pr	pray, supplicate (French 'supplier']	V. 194 - OK = Related to ⲥⲟⲡⲥⲡ ⲥⲟⲡⲥⲉⲙ	ABS
1;3;4	*spr* = *zpr* (Ptol.)	**sp[i]r /** **zp[i]r**	rib	V. 194 - OK = ⲥⲡⲓⲣ ⲥⲫⲓⲣ	BOD *z* = ⲥ *p* = ⲫ

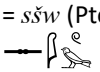
	 Wb 4, 101.10-15 = *spr* (Demotic)				
1;2;3	*šps.t* Wb 4, 449.10-450.14 = (Ptolemaic) = *šps.t* (Demotic)	**sh[a]ps[*è*]** **['s' accentuated]**	dame, noble lady [lit. 'precious or excellent [one] from]	V. 268 - OK = [*ⲯⲁⲡⲯⲉ] ⲯⲁⲡⲯⲓ	TIT accent.
0;3;3	*šps-w* [*šps.w*] Wb 4, 450.16-451.6 = *sbs-w* [*šbs.w*]  (Ptolemaic)	**shps[*è*] /** **shbs[*è*] ['s' accentuated]**	marvellous things or foods, costly offerings	V. 258 - OK (Pyr) = [ⲯⲃⲯⲓ*] ⲯⲃⲯⲓ 'goods' [semantic shift?]	FOOD accent.
1;3;4	*špy*	**sh[i]p[*è*]**	shame (have)	V. 268 - (Demotic) = ⲯⲓⲡⲉ	(v.)
1;2;3	*sḳ sʾḳ* No Wb?	**s[ō]q**	bag [lit. '[a] collector?'; IE? = French 'sac'; Armenian պայուսակ 'bayousaq']	V. 187 - ? = ⲥⲱⲱⲕ ⲥⲱⲕ ⲥⲟⲟⲕ ⲥⲁⲕ	TOOL [ō] = ⲱⲱ [ō] = ⲱ [ō] = ⲟⲟ [ō] = ⲁ
1;3;4	*šḳʿ*	**sh[ō]k*a* [long 'o']**	hit, hammer, crush; wound; damage [; shock] [IE = English: 'shock']	V. 278 - (Demotic) = ⲯⲱⲱⲕⲉ ⲯⲟⲟⲟ ⲯⲉⲉⲟⲉ	(v.) ʿ = ⲉ [ō] = ⲱⲱ [ō] = ⲟⲟ [ō] = ⲉⲉ
1;3;4	*s-ḳb* [*sḳb*] = *sḳbb* = zqb Wb 4, 304.6-305.8	sq[ô]b[*è*] / sq[ô]b[*è* ['b' elongated by duplication] / zq[ô]b[*è*]	cool [with water?] [IE = English '**co**ol'?]	V. 187 - OK (Pyr) = Related to ⲥⲁⲕⲃⲓ 'water, pour water'?	(v.) accent. elong.
-	*s-ḳdi* [*sḳdi*] Wb 4, 308.7-309.8	**sq[o]dï**	travel [lit. cause to make a circulation]; go, drive [IE = English 'scout'?]	V: 89 – OK = ⲕⲱⲧⲉ [TLA]	(v.) *s* = []
1;5;6	*šḳlḳl*	**shq[*è*]lq[i]l**	bell-little, tinkle bell (French: 'clochette') [IE = English: 'tinkle'?]	V. 259 - (Demotic) = ⲯⲕⲉⲗⲕⲓⲗ ⲯⲟⲗⲟⲓⲗ شقلقيل *šqilqīl*	TOOL ONO foreign?
1;3;4	*skr* Wb 4, 308.1 = *škʿ* (Demotic)	**sk[a]r / ska**	hit; wound [; scar] (n.) [IE - English: 'scar']	V. 278 - 2nd Interm. Per. = ⲯⲟⲗ	MED *s* = ⲯ *r* = []

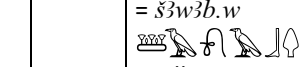
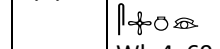
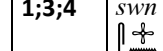
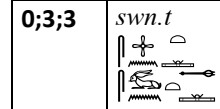
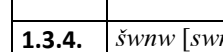
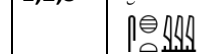
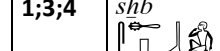
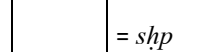
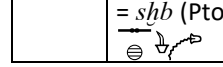
1;3;4	*sḳr* Wb 4, 306.10-307.11	sk[ô]r	hit, strike [IE = English: '**scor**e'?]; step out; present	V. 278 - NK (Dyn. XIX) = Related to ⲯⲥⲗ ' hit; wound'. See also (Demotic) *šḳ*ʿ 'hit; hammer, etc...'	(v.)
1;2;3	*sr* = *zr* Wb 4, 191.3-4	s[i]r / z[i]r	hair of woman or animal (donkey [IE = English 'ha**ir**'?]	V. 195 - OK = Related to ⲥⲓⲣ 'hair; band'	TOOL
1;2;3	*sr* Wb 4, 191.15 = *sr* (Demotic)	**s[ō]r**	spread, disperse, ray or similar	V. 195 - Ptolemaic = ⲥⲱⲣ ⲥⲱⲱⲣⲓ ⲥⲟⲣ ⲥⲁⲣ ⲥⲉⲣ	(V.) [ō] = **ⲱⲱ**
1;2;3	*šr* = (NK) = also. 'boy, child' = *šr* (Demotic) = Plur. (OK): = Plur. (NK): Wb 4, 526.9-23	**sh[é]r[è]** **['r' accentuated] /** **sh[é]ræ / Sh[é]rè** **Plur.: Sh[è]r[{ô}w[è]]** **['r' accentuated]**	son [lit. 'little one']	V. 269 - OK = ⲯⲏⲣⲉ ⲯⲏⲣⲓ ⲯⲏⲗⲓ. Plur.: ⲯⲣⲏⲩ *ⲯⲣⲉⲉⲩ	MAN accent. *r* = ⲗ
1;2;3	*šr* [*šr.t*] = *šrỉ* Wb 4, 523.1-524 = *šy* (Demotic)	**sh[a]r[è?] /** **sh[a]ræ /** **sh[a]ï**	nose	V. 253 - OK = ⲯⲁⲓ ⲯⲁ ⲯⲁⲁⲛⲧ ⲯⲉ ⲯⲉⲉⲛⲧ [last three TLA]	BOD accent? *r* = *y* *r* = ⲓ *r* = [] [*è*] ⇔ *i* ⇔ *y*
1;2;3	*sr.t* Wb 4, 190.24-191.2 = *zr.t* [Ptol. = 's'?] = *sr.t* (Demotic)	**s[oo]r[è]** **['r' accentuated]**	thorn, spike [French 'pointe'. IE = Armenian unւսեր 'sousér' 'sword'. English 'sword'?]	V. 195 - NK = ⲥⲟⲩⲣⲉ ⲥⲟⲩⲣⲓ	TOOL accent
1;2;3	*šr.t* = *šr*{*iw*}*.t*	**sh[ē]ræ /** **sh[ē]r{è}**	girl (young), maiden	V. 269 - NK (Amarna) = *ⲯⲏⲏⲗⲉ ⲯⲏⲏⲗⲓ ⲯⲉⲉⲣⲉ ⲯⲉⲣⲓ	MAN {DIA} elong. = fem.

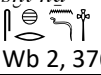
	 Wb 4, 527.1-9 = *šr.t* (Demotic)	**['é' is long for gender distinction from *šr* 'son', end accentuation expressed by *i* and {*iw*}]**			accent {DIA} *r* = ⲗ *i* ⇔ {*iw*}
1;3;4	*šr.t* [*šrt*]  Wb 4, 524.8-11 = *šr.t* [*šrt*] 'band' [semantic shift?] (Demotic)	**sh[ô]rt / sh[o]rt**	clothes	V. 270 - Ptol. = ⲯⲟⲣⲧ 'curtain; cover (of tent) [semantic shift?]	TOOL
1;3;4	*srd* = *s3rty?*(Neo E.) Wb 4, 204.17	**sr[i]d /** sArtï sAltï?	glean [French 'glaner']	V. 197 - MK = ⲥⲣⲓⲧ ⲥⲣⲁⲧ ⲥⲗⲓⲧ	(v.) *r* = ⲗ *d* = ⲧ
0;3;3	*srf* Wb 4, 197.5-9 = *srf* (Demotic)	s[*e*]rf[*è*]	rest (to), make rest (to)	V. 197 - NK (Dyn. XX) = Related to ⲥⲣⲫⲉ 'have time to take care of something'?	(v.)
1;3;4	*šrỉ* [*šrỉ.w*] Wb 4, 527.10 (Demotic)	**sh[i]r{è}**	pod of acacia; flower?	V. 269 - Neo Eg. = ⲯⲓⲣⲉ 'fruit of the Nile acacia'	BOT {DIA} {*iw*} = ⲉ
1;3;4	*srm*	**s[ô]rm**	loose oneself	V. 196 - (Demotic) = ⲥⲱⲣⲙ 'loose; wander'	(v.)
0;6;6	*srpt* [*syrp3ti*] = *s3p.t* Wb 4, 195.2-3	**sïrpA{tè}** s{o}rpAti? **/** **sAp[ô]t /** [*sArp[ô]t]	Lotus leaf	V. 196 - Neo E. = ⲥⲁⲣⲡⲱⲧ ⲥⲁⲣⲡⲟⲧ	BOT {DIA?} foreign *y* = ⲁ *r* = [] *3* = ⲱ *3* = ⲟ
1;2;3	*šrr* Wb 4, 524-525.10 = *šr* (Demotic)	**Sh[a]r[è]** **['r' accentuated by duplication]**	small (be); small, little, meagre	V. 269 - OK = ⲯⲁⲣ ⲯⲓⲣⲉ 'small (of)'	(v.) accent. duplic.
1;3;4	*šry* [*šrỉ*]  = *šr{iw}*  Wb 4, 527.12-17 = *šrỉ* (Demotic)	**sh[ô]ræ /** **sh[ô]r{è}**	bar, stop, block [French: 'barrer'] [IE = English 'b**ar**'?]	V. 269 - NK = ⲯⲱⲣ ⲯⲟⲟⲣ ⲯⲟⲣ	(v.) {DIA} *i* = [] *i* ⇔ {*iw*}
1;2;3	*sš*	**s[ô]sh**	despise; laugh at	V. 203 - (Demotic) = ⲥⲱⲯ ⲥⲟⲯ ⲯⲱⲯ	(v.)

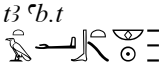
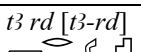
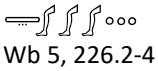
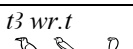
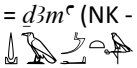
				ⲥⲉⲯ ⲯⲉⲯ	
1;2;3	*šš / šsw*	**sh[o]sh / sh[*è*]so /** sh[o]sh{[ô]w}	jug	V. 274 - (Demotic) = ⲯⲟⲯⲟⲩ	TOOL
1;3;4	*šs3w [šs3.w]*  = *zš3.w [zš{3w}]*  Wb 4, 543.5-6	**sh[o]sA /** **z[o]s{Au}**	antelope, bubalis	V. 275 - OK = ⲯⲟⲯ ⲯⲟⲓⲯⲟⲩ	ZOO {DIA} *z* = ⲯ *3w* = ⲟⲩ
1;3;4	*sšd* Wb 4. 301.14-302.5 = *šst* (Demotic)	**s[ô]shd /** **s[ô]sht**	window	V. 275 - NK (Dyn. XIX) = ⲯⲱⲯⲧ ⲯⲟⲩⲯⲧ	TOOL *d* = ⲧ
1;3;4	*šsm* = *šsmti* Wb 4, 546.1 = *šsm sšm* 'be angry'	**sh[ô]sm /** **s[ô]shm{tè}**	enflamed (be) [be angry?]	V. 203 - 2nd Interm. Per. = ⲥⲱⲯⲙ 'burn; be hot; be angry, be desperate' [metathesis]	(v.) MED
1;3;4	*sšp.t* Wb 4, 284.11 = *sšp šp* (Demotic)	**sh[ô]p[*è*] ['s' long by duplication?]**	cucumber (*Citrullus vulgaris* L.)	V. 268 - Late P. = ⲯⲱⲡⲉ ⲯⲱⲱⲡⲉ ⲯⲱⲡⲓ	BOT accent. *s* =[]
1;2;3	*ssw*  Wb 3, 474.13	s[i]s[*è*]	dust? ashes?	V. 197 - OK (Pyr) = Related to ⲥⲓⲥⲉ 'powder for the eyes'	MAT
1;4;5	*sšw3* Wb 4, 282.5bis = *swᶜš [sw3š]* (MK) Wb 4, 63.22	**ssh{[ô]w}A/** **s{[ô]w}Ash [metathesis]**	glorify; venerate [; boast?]. Related to 'be estimated; be powerful; be honoured'	V. 275 - NK = Related to ⲯⲟⲩⲯⲟⲩ 'boast oneself of' as V. suggests?	(v.) *w* = ⲟⲩ *3* = []
1;3;4	*st* = *sty*  Wb 4, 346.13-347.7 = *sty* (Demotic)	**s[ô]tch[*è*] /** **s[ô]tï ['tch' or 't' accentuated]**	sow [IE = English 'sow'?]	V. 198 - OK (Pyr) = ⲥⲁⲧ ⲥⲓⲧⲉ ⲥⲓϯ ⲥⲉⲧ	(v.) accent. *ty* = ⲧⲉ *ty* = ϯ
0;3;3	*št3*  Wb 4, 555.9-11 = *štw* 'forest'	**shtA**	scrub, copse [; bush]	V. 271 - NK (Dyn. XVIII) = ⲯⲧⲁ 'bush'	BOT *3* = ⲁ

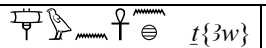
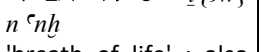
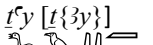
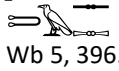
	(Demotic)				
0;3;3	*št3*  Wb 4, 551.3-552.12	**shtA**	secret, mysterious, hidden	V. 271 & 310 - Ptol. (earlier?) = ⲯⲱⲧ [metathesis]. Found in  *ḥr p3 št3* 'Horus the Mysterious'	ABS
1;3;4	*st̲3.t* Wb 4, 351.7-354.4; 355.4-5 = *st3* (Demotic)	**s[ô]tchA /** **s[ô]tA**	spin [wool]; weave	V. 198 - OK (Pyr) = ⲥⲱⲧ also 'spread'	(v.) *3* = []
1;3;4	*st3.t* = *s3t.t* Wb 4, 356.1-7	**s[ô]tchA /** **sAt[*è*] ['tch' or 't' accentuated]**	arura measure (from *st̲3.t 3ḥ.t* 'arura" (lit. field measure')	V: 69 - OK (Pyr) = ⲥⲱⲧ ⲥⲉϯⲱϩⲉ ⲥⲉⲧⲉⲓⲱϩⲉ ⲥⲉⲑⲓⲟϩⲓ	UNIT accent; *t̲* = ⲧ *3* = []
1;3;4	*štb* Wb 4, 557.7	sht[ô]b	cage (for chicken)	V. 272 - OK = ⲯⲧⲱⲃ 'muzzle' [lit. cage?]	TOOL
1;3;4	*stf* Wb 4, 342.5-6	**s[ô]tf**	poor; decant [a liquid] (med.)	V. 199 - 2nd Inter. Per. = ⲥⲟⲧϥ	(v.) [ô] = ⲟ
1;3;4	*st̲i* [*st̲ī*] (NK - XVIII) = *sty* Wb 4, 349.5-350.1 = *sty*	**s[*e*]tch[o]æ/** **s[*e*]tch[ô]ï /** **st[o]ï**	smell, perfume; fragrance, stench [IE = 'stench' English]	V. 199 - OK = ⲥⲧⲟⲓ ⲥⲑⲟⲓ also TLA: Pyr. Extrapolated from ⲃⲱ ⲛⲥⲧⲟⲓ	MAT *t̲* = ⲧ *t̲* = ⲑ
1;3;4	*stp* *Wb 4, 337.5-338.7*	**s[ô]tp**	choose, pick out	V. 199 - OK (Pyr) = ⲥⲱⲧⲡ	(v.)
1;3;4	*štḳ*	**sht[è]q[o]** **['t' accentuated]**	prison	V. 272 - (Demotic) = ⲯⲧⲉⲕⲟ ⲯⲧⲉⲕⲁ	HAB *t* = ⲧⲉ
1;3;4	*stš* Wb 4, 345.3-5 = *stš st* (Demotic) = *šwty* = *swti* 	**S[ô]tsh[è?] /** **S{[ô]w}tï /** **S{[ô]w}{tè}**	Seth	V. 198 - OK (Pyr) = ⲥⲏⲧ ⲥⲉⲑ	GOD accent. *š* = [] [*è*?] ⇔ y ⇔ {t*è*}

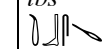
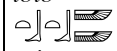
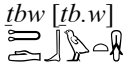
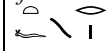
1;3;4	*štt*	**sht[a]t[*è*]** **['t' accentuated]**	hem; edge (of clothe)	V. 273 - (Demotic) = ⲯⲧⲁϯ	TOOL accent.
1;4;5	*sttr*	**st[a]tr**	stater	Vieira: 235 = V. 199 - (Demotic) = ⲥⲁⲁⲧⲉⲣⲉ ⲥⲁⲑⲉⲣⲓ [metathesis from Greek]	TRADE foreign?
1;2;3	*štw* [*st.w*] Wb 4, 557.1-5	**sh[é]t**	turtle	V. 273 & 331 - MK = ⲯⲏⲧⲥ ϫⲓⲧ	ZOO
1;2;3	*sty* [*st.w*] = *sty* [*sty.w*] Wb 4 328.1 = *sty.t* (Demotic)	**s[ô]t[è] /** **s[ô]tï** **['t' accentuated]**	arrow, dart	V. 198 - Ptol. = ⲥⲟⲧⲉ ⲥⲟⲟⲧⲉ ⲥⲁⲧ	TOOL accent.
1;2;3	*sw*	**s[è]w**	star	V. 200 - (Demotic) = *ⲥⲉⲟⲩ ⲥⲟⲩ ⲥⲓⲟⲩ	ASTR *w* = ⲟⲩ
1;2;3	*sw* Wb 4, 57.8-58.1 = *ssw*	**s[é]w /** s[é]{oo}?	time	V. 200 - NK = ⲥⲛⲟⲩ ⲥⲏⲩ ⲥⲟⲩ	TIME
1;2;3	*sw*	**s[é]w[*è*]** **['w' accentuated]**	bandage	V. 200 - (Demotic) = ⲥⲛⲟⲩⲉ	TOOL MED accent.
1;2;3	*šw* Wb 4, 429.5-9 = *sw* (Demotic)	**sh{[ô]w[è]}** **['w' accentuated] /** **s[o]w[è]**	dry (v. & adj.) [IE = French: 'sécher']	V: 274 - [.Med] = ⲯⲱⲟⲩⲓ ⲯⲟⲟⲩⲉ Also extrapolated from V: 9 - Med = ⲁⲁⲯⲱⲟⲩ 'dry grape". Also: ⲧⲯⲟⲩⲓⲟ 'cause to dry' (V. 225)	(v.) accent. *s* = ⲯ *w* = ⲟⲩ *w* = ⲱⲟⲩ
1;2;3	*šw* Wb 4, 426.6-427.19 = Wb 4, 428.1-21 = *sšw* Wb 4, 282.1-4 = *sšw* (Ptolemaic) 	**shw[ô]**	empty (be); empty	V. 255 & 273 - OK = ⲯⲟⲩⲱ ⲯⲟⲩⲉ ⲯⲟⲩⲟ ⲯⲟⲩ	(v.) *w* = ⲟⲩ
1;1;2	*sw.t* [*s.w.t*] Wb 4, 58.7-59.2	**s[ô]**	reed, rush (of Upper Egypt)	V. 183 - MK = ⲥⲱ	BOT
1;3;4	*šwb* 	**sh{[ô]w}[é]b[*è*] /**	Persea tree [*Mimusops laurifolia*]	V. 274 - NK (Dyn. XVIII) = ⲯⲟⲩⲏⲃⲉ	BOT accent.

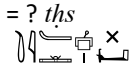
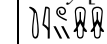
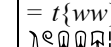
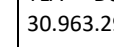
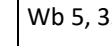
	= *š3w3b.w*  Faulkner, 263	**shAwAb[*è*] ['b' accentuated]**		ⲱⲟⲩⲏⲃ ⲱⲟⲩⲏⲧⲉ ⲱⲃⲉ	[*è*] ⇔ *3* *b* = ⲧ
1;3;4	*swḥ.t* Wb 4, 73.1-74.1 = *swḥ*	**s{[ô]w}H[*è*] ['H' accentuated]**	egg [IE = Armenian ‘ձու’ 'dzou']	V. 202 - OK (Pyr.) = ⲥⲟⲟⲩⲉⲉ [TLA] ⲥⲱⲟⲩⲧⲉⲛ ⲥⲟⲟⲩⲧⲛ ⲥⲟⲩⲧⲛ ⲥⲟⲩⲧⲉⲛ	FOOD accent. *w* = ⲱⲟⲩ
1;3;4	*swn*  Wb 4, 69.1 = *swn*	**s{[ô]w}n or s[ô]w[*è*]n /** **s[o]wn** **['w' accentuated]**	know of something (to) [be aware (to)?]	V. 201 - Late = ⲥⲟⲟⲩⲛ ⲥⲱⲟⲩⲉⲛ	(v.) accent. *w* = ⲟⲩ
1;3;4	*swn*  Wb 4, 68.1-2	sw[ô]n?	sell, trade, buy (to) [exchange, or swap?]	V. 200 - MK = Related to '[traded] price; trade' ⲥⲟⲩⲉⲛ ⲥⲟⲩⲛⲧ	(v.)
0;3;3	*swn.t*  Wb 4, 68.3-13 = *swn* (Demotic)	**sw[*è*]n /** sw[è]nt? / **sw[è]n** **['w' accentuated or elongated?]**	price [traded]	V. 200 - MK = ⲥⲟⲩⲉⲛ ⲥⲟⲩⲛⲧ	ABS accent. *w* = ⲟⲩ glide t non silent?
1.3.4.	*šwnw* [*swn.w*]  Wb 4, 69.4	**Sw[a]n**	Aswan [Lit. 'The trade city? = *swn.t* 'trade']	V. 200 - Neo E.?= ⲥⲟⲩⲁⲁⲛ ⲥⲟⲩⲁⲛ ⲥⲟⲩⲏⲛ	LOC *w* = w glide *w* = ⲟⲩ
2;4;6	*swsw*	**s{[ô]w}s{[ô]w}** [or s{[ô]w} accentuation by duplication?]	bring (verb employed while speaking of the god's food)	V. 196 - (Demotic) = ⲥⲟⲩⲥⲟⲩ	(v.) *w* = ⲟⲩ [ô]w = ⲟⲩ
1;4;5	*šwy.ty* [*šwyty*] Wb 4, 434.5-6 = *šwty swt* (Demotic)	**[*e*]sh{*ō*}tï /** **[*e*]sh{*ō*}tï /** **[*e*]sh{*ō*}t**	trader, merchant, shopkeeper [IE = French: ‘échoppier’?]	V: 49 - NK (Dyn. XVIII-XIX only) = ⲉⲱϩⲱⲧ ⲉⲱⲟⲧ ⲱⲟⲧ [close to ⲉⲱⲟⲧⲉ ⲉⲱϩⲟⲧ ⲱϩⲟⲧ ‘trade’ or ‘merchandise’]	PRO {DIA} schwa *wy* = ⲱ *wy* = ⲟ
1;2;3	*sḫ.t*  Wb 4, 229.8-231.7 = *sḫ.t* (Demotic)	**s[ô]kh[*è*]** **['kh' accentuated]**	field, marshland, country	V. 203 - MK (earlier?) = ⲥⲱⲭⲉ ⲥⲱϩⲉ ⲥⲱⲯⲉ	ENV AGR accent. *ḫ* = ⲭ *ḫ* = ϩ *ḫ* = ⲯ
1;3;4	*sḫb*  = *sḫp*  = *sḫb* (Ptol.) 	**s[ô]ƕb /** **s[ô]ƕp /** **s[ô]khb**	swallow	V. 206 - NK (Dyn. XVIII) = ⲥⲱϩⲡ ⲥⲱϩⲡ	(v.) *ḫ* = ϩ *ḫ* = ϩ *b* = ⲡ

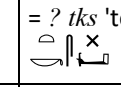
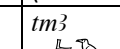
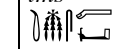
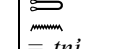
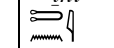
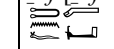
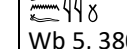
	Wb 4, 268.13-269.5				
1;3;4	*sḫm* Wb 4, 243.5-245.2	**s[i]khm[*è*]** **['m' accentuated]**	image (divine); power (divine)	V. 271 - MK (OK?) = ⲯⲓⲥⲙⲉ 'statue, idol'	TOOL accent. *s* = ⲯ *ḫ* = ⲥ
1;3;4	*sḫm.t* Wb 4, 250.7 = *sḫm.t* (Demotic)	**S[a]khm[*è*]** **['m' accentuated]**	Sekhmet	V. 203 - OK = [*ⲥⲁⲭⲙⲉ] ⲥⲁⲭⲙⲓ	GOD accent.
1;3;4	*sḫr* [*sḫr.w*] Wb 4, 258.10-260.16 [see *ỉry sḫr*]	**s[*è*]kh[i]r**	plans, thoughts, counsels, projects	V: 46 - OK (Pyr) = ⲉⲣⲯⲓⲯⲓ	ABS *ḫ* = ⲯ
1;2;3	*sḫt* [*sḫ.t*] Wb 4, 263.6-16	**s[ô]kh[*è*] ['kh' accentuated]**	weave; erect (a hut in woven branches); form, build; form (bricks)	V. 204 - OK (Pyr) = ⲥⲱϩⲉ ⲥⲱⲯⲉ ⲥⲱϩⲧ ⲥⲱⲫⲓ [see also *sḫt nḏ*]	(v.) accent. *ḫ* = ϩ *ḫ* = ⲯ *ḫ* = ⲫ
-	*sḫt nḏ*  Wb 2, 376.19	skht n[a]dj / sꞤt n[è]dj	weave [lit. 'X' thread]	V. 145 - MK = ⲛⲁⲧ ⲛⲉⲧ	PRO *ḏ* = ⲧ
1;3;4	*sḫt-y* [*sḫty*] Wb 4, 264.2	**s[a]kht / s[a]khtï**	weaver (French: 'tisserand') [IE = Latin 'sartor' 'tailor']	V. 204 & 273 - OK = ⲥⲁϩⲧ ⲥⲁⲯⲧ ⲯϯⲧ	PRO *y* = []
1;3;4	*sḫy*	**s[i]khï**	bitter (to be, to become)	V. 203 - (Demotic) = ⲥⲓⲯⲉ	(v.) *ḫ* = ⲯ *y* = ⲉ
0;2;2	*sy* = *sỉ* Wb 4, 28.13	**sï [pronounced 'sey']** **/** **sæ**	she [IE? = English 'she'? (prefix. pronoun)	V. 180 - OK? = ⲥ−	PRON *y* ⇔ *i*
1;3;4	*syt*	**s[ô]ït**	glory	V. 186 & V. 198 - (Demotic) = ⲥⲱⲓⲧ ⲥⲟⲉⲓⲧ	ABS [ô] = ⲟⲉ
1;3;4	*šzp* = *šp* Wb 4, 530.1-533.18 = *šp* (Demotic)	**sh[ō]p /** **sh[o]p**	take possession of, seizing (enemies) [IE = French 'chopper'?]	V. 268 - OK = ⲯⲟⲟⲡ ⲯⲟⲡ	(v.) *z* = []
0;2;2	*t3* Wb 5, 214.11-215.1; 216.7= *t3* (Demotic)	**tA**	land, earth, ground	V. 209 - OK (Pyr) = ⲧⲟ ⲑⲟ	LAND *3* = ⲟ *t* = ⲑ
0;2;2	*t3* 	**tA /**	the (fem. = French: 'la'); these (fem.)	V. 208 - MK = ⲧⲁⲓ ⲧⲉⲓ	PRON accent

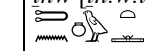
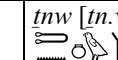
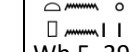
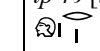
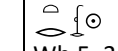
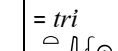
	= *ḏȝ* = *ṯi* [Late] Wb 5, 211.5-11	**dA /** **{tè}**		ⲧⲉ ⲧ ϯ ⲑ	*ȝ* = ⲁⲓ *ȝ* = ⲉ *ȝ* = [è] *t* ⇔ *d*
-	*tȝ ꜥb.t* 	**tA *a*b[è]** **['b' accentuated]**	Tybi (lit. 'the offering', the fifth month of the year)	V. 210 - ? = ⲧⲱⲃⲉ ⲧⲱⲃⲓ	CAL accent. *ȝ* = ⲱ [è] = ⲉ [è] = ⲓ
-	*tȝ rd* [*tȝ-rd*]  = *tȝ rd-w*  Wb 5, 226.2-4	**tA-r[a]d**	stairway, staircase; ramp [lit. 'earth of foot' ; IE = English '**stair**'?]	V. 220 - OK = ⲧⲱⲣⲧ ⲧⲱⲣⲧⲣ ⲧⲱⲧⲉⲣ [metathesis]	TOOL *ȝ* = ⲱ *d* = ⲧ
-	*tȝ wr.t*  Wb 1, 330.5	tA-Wr[*è*]	Thoueris [lit. 'The Great [One]]	V. 236 - NK (OK?) = *ⲧⲟⲩⲣⲉ?	(GOD accent
0;2;2	*ṯȝ.t* = Meeks, AL 77.4887 (TLA)	**[*e*]tchA**	tweezer [lit. the taker?]	V: 50 - ? = ⲉϫⲱ ⲁϫⲱ [from *ṯȝy* take]	TOOL schwa *ȝ* = ⲱ
1;3;4	*ṯȝm* = *ḏȝmꜥ* (NK - XXth)  = *ḏmȝ* (Demotic)	**tchAm[*è*] /** **djAm*a* /** **dj[*è*]mA** **[‹tch› or ‹dj› accentuated]**	Djamé (locality between Medinet Abu and Deir el Medina)	V. 327 - NK? = ϫⲏⲙⲉ	LOC accent. *ṯ* = *ḏ* *ȝ* = ⲏ
0;3;3	*ṯȝš* [*ṯ*{*ȝw*}*š*] Wb 5, 234.15-236.14 = *tš* (Demotic)	**t{Au}sh /** **t[o]sh**	frontier; nome; region	V. 224 - NK (earlier?) = ⲧⲱϣ ⲧⲟϣ ⲑⲱϣ ⲑⲟϣ	ABS {DIA} *ȝ* = ⲟ {*ȝw*} = ⲱ *ȝ* = ⲱ
0;3;3	*ṯȝš* = *ṯȝs* [rare] Wb 5, 236.15-237.8	**tAsh /** **tchAsh**	delimit (French: 'délimiter'), fix the limits; share; divide	V. 225 - OK = ⲧⲱϣ ⲑⲱϣ 'limit; fix, assign; decide' [semantic shift]	(v.) *ṯ* = ⲑ *ȝ*= ⲱ
0;4;4	*ṯꜥw* [*ṯ*{*ȝw*}] = Wb 5, 350.12-352.29	**tch{Au}**	wind, breath, air	V: 14 - ? = ϯϩγ from ⲁⲛϣ−ϯϩγ 'breathe" (v.) derived from	ENV ONO {DIA} *ṯ* = ⲧ

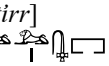
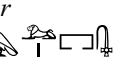
				 *t*{ʒw} *n ꜥnḫ* 'breath of life' ; also  *ꜥnḫ m t*ʒw 'to live from the air". Also in ⲧⲟⲩⲣⲏⲥ 'southern wind [lit. wind [of] south] (V. 178)	*ʒw* = ϩⲩ
0;3;3	*t*ꜥw [*t*{ʒw}] Wb 5, 350.2-10 = *d*wy [*d*{wy}] (Demotic)	**tch{Au}[é]** **dj{ō}ï**	fly	V. 332 - MK = ϫⲓⲟⲩⲉ ⲥⲓⲟⲩⲉ	(v.) {DIA?} *ʒw* =ⲓⲟ
0;2;2	*t*ꜥy [*t*{ʒy}]  = *t*{ʒw} = *t*{ʒ[y]} = *it*{ʒ[y]} Wb 5, 346.1-347.20	**[*e*]tch{o} /** **[*e*]tch{Au} /** **[*e*]tch{o}** **ætch{o}**	take; pluck resin; remove; seize, don [IE = English 'take'?]	V: 50 & 323 - MK = ⲉϫⲱ ⲁϫⲱ ϫⲓ ⲥⲓ. Also extrapolated from ⲥⲁϒ–ⲙⲱⲓⲧ '[the] taker [of] path' where ⲥⲁϒ = *t*ʒy/ tch{o}.	(v.) schwa {DIA} [*e*] = ⲉ [*e*] = ⲁ *t* = [] *t* = ⲥ ʒy = ⲱ ʒy = {o} [*e*] ⇔ *i*
0;3;3	*t*ʒy = *t*{ʒw} Wb 5, 212.3-5	**t{o} /** **t{Au}**	this one (fem. = French: 'celle-ci')	V. 212 - OK = ⲧⲁⲓ ⲑⲁⲓ ⲧⲉⲓ	DEM {DIA} *t* = ⲑ ʒy = ⲁⲓ {ʒw} = ⲁⲓ ʒy = ⲉⲓ ʒy = ⲉⲓ
-	*t*ʒy-*i* [*t*ʒy-*i*] Wb 5, 212.2 = *t*{ʒy} (Demotic)	**t{o}-æ**	mine (fem. = French: 'la mienne')	V. 210 - MK = ⲧⲱ ⲑⲱ V. 209 ⲧⲁ	PRON ʒy = {o} {o} = ⲱ {ô} = ⲁ *t* = ⲑ
0;3;3	*t*ʒz  Wb 5, 396.13-399.3 = *t*s (Demotic)	**tchAz**	tie	V. 332 - OK = ϫⲱⲥ ⲥⲱⲥ	(v.) *t* = ⲥ ʒ = ⲱ *z* = ⲥ
0;3;3	*t*b = *t*ʒb [*t*{ʒw}*b*] Wb 5, 354.1-9;	**tch[ô]b /** **tch{Au}b /**	recipient in ⲟ shape	V. 330 - NK (XVIII) = ϫⲟⲡ 'bowl; plate' [semantic shift?]	TOOL {DIA} *t* = ϫ ʒw = ⲟ

	= *ḏp* (Demotic)	**dj[o]p**			
0;3;3	*tb(t).w* Wb 5, 261.5 = *tbt* (Demotic)	**t[è]bt** **['t' accentuated]**	fish	V. 211 - Ptolemaic = ⲧⲉⲃⲧ ⲧⲃⲧ	ZOO accent.
1;3;4	*tbs* Wb 5, 262.9 = *tbs* (Demotic)	**t[é]bs** **['t' accentuated]**	heel	V. 211 - NK = ϯⲃⲥ ⲑⲓⲃⲥ	BOD accent. *t* =ϯ *t* = ⲑ
1;3;4	*tbs*  = *dbs* Wb 5, 262.10	**t[ô]b[è]s /** **d[ô]b[è]s ['b' accentuated]**	sting, prick, pierce (to)	V. 211 - Ptolemaic = ⲧⲱⲃⲥ	(v.) accent. *d* = ⲧ *s* = ⲥ
1;4;5	*tbtb*  Wb 5, 262.14 = *dbdb* Wb 5, 442.5-15	**t[a]bt[è]b** / **d[a]bd[è]b?**	tongue moving (in mouth) [chewˀ]; move	V. 219 - Late = ⲧⲁⲡⲧ	(v.) ONO? *b* = []
*	*tbw* [*tb.w*]  = *tbw.t* Wb 5, 361.5-8 = *tw* [*t.w*] (Demotic)	tch[è]bˀ / t[è]bˀ	sandal	V. 224 - OK = ? See also *ti-wy* 'pair of sandals'	TOOL
1;2;3	*tf*  = *df* = *tf* Wb 5, 297.9	**t[a]f /** **d[a]f /** **tch[a]f**	saliva	V: 41 = Crum: 55 - OK (Pyr) = ⲧⲁϥ	BOD ONO? *t* ⇔ *d* ⇔ *ṯ*
0;2;2	*tf* = *tf* Wb 5, 297.6-8	**t[ô]f**	spit (to) [similar to the popular Armenian interjection of disgust and/or spit '*toof*']	V: 59 - OK = ⲑⲟϥⲧⲉϥ 'fall drop by drop' = ? *dfḏf* 'to leak' or *tftf* name of protective deity of Osiris.	(v.) ONO *t* = ⲑ
0;2;2?	*tfy* = *tf* Wb 5, 297.11-298.10	t[ô]fïˀ / t[a?]f	take by force, remove forcefully; repulse (to)	V: 58 - OK = ⲑⲓⲫⲓ ⲑⲁϥ	(v.) *t* = ⲑ *y* = ⲓ
0;3;3	*th3* Wb 5, 388.10	tchHA	lame?	V. 333 - Neo Eg. = Related to ϫⲟⲩⲉⲉ ⲥⲟⲩⲓ 'to limp'	MED

1;2;3	*ṯḥr*	**tH[o]r**	bad (to be, [IE? = Armenian 'tchar'?]	V: 57 - (Demotic) = ⲑⲟ	ABS *r* = []
1;3;4	*ṯḥs* = ? *ṯḥs*  'crush' Wb 5, 323.5-6	**t[ô]Hs**	anoint	V. 226 - (Demotic) = Extrapolated from ⲧⲱϩⲥ ⲑⲱϩⲥ also 'coat' [plaster; French: 'enduire']	(v.) *t* = ⲑ *ḥ* =ϩ
0;2;2	*ti* Wb 5, 239.1-240.11 = *ty* (Demotic)	**tæ /** **tï**	sign, figure, form, image	V. 210 - NK = ⲧⲟⲓ ⲑⲟⲓ [the original semi-vowel *i* seems to have shifted in a Coptic diphtongue ⲟⲓ]	ABS *t* = ⲑ *i* = ⲟⲓ
1;3;4	*ti-wy* [*ti{wy}*]  Wb 5, 247.5-15 = *t{ww}*  TLA Dokument DZA 30.963.290 = tw.t 	**t[{ō}w][é] /** **t[ô]w][é]**	sandals in pair; two sandals	V. 224 - Neo Eg. = ⲧⲟⲟⲩⲉ ⲑⲟⲟⲩⲉ. See also *ṯbw*'sandal'	TOOL {DIA} accent. *ti* = ⲧ *ti* = ⲑ *w* = ⲟⲩ *y* = ⲉ
*	*tjw* [*tiw*] Wb 5, 242.1-7	t{{ô}w}?	yes	OK (Dyn. IV) to MK	YES
1;2;3	*tk*	**t[a]k**	block; big piece	V. 226 - (Demotic) = ⲧⲁϭ ⲧⲁⲭ	TOOL *k* = ϭ *k* = ⲭ
1;2;3	*tk*	**t[ô]k[è]** **['k' accentuated]**	knife [IE = Armenian: 'tanak'?]	V. 212 - (Demotic) = ⲧⲱⲕⲉ ⲧⲱⲕ	TOOL accent.
1;3;4	*tkꜣ* Wb 5, 331.5-15	**t[ô]kA**	flame, torch, candle, fire	V: 64 - NK = ⲓⲛⲧⲱⲕ 'oven" =  = house of fire.	MAT
1;3;4	*tkꜣ*	**t[ô]kA**	throw	V. 212 - (Demotic) = ⲧⲱⲕⲉ ⲧⲱⲕ [metathesis]	(v.)
1;3;4	*ṯkꜣ*	**tch[é]kA**	dyer	V. 335 - (Demotic) = Related to ϫⲏϭⲉ ϭⲏϫⲓ ϫⲏϫⲓ 'purple [the dye more than the colour]	PRO *ṯ* = ϭ
1;3;4	*tkn*	**t[ô]kn**	quick (to be) = *? tkn* (MK) 'be near; near'	V. 226 - (Demotic) = ⲧⲱϭⲛ ⲧⲟϭⲛ 'press; push; chase'	(v.)
3;4;7	*ṯknš* GDG VI, 84 (TLA)	**Tch[a]k[i]n[a]sh**	Takinash	V. 212 - ? = ⲧⲁⲕⲓⲛⲁϣ	LOC foreign *ṯ* = ⲧ
1;3;4	*tkr*	**tk[ô]r**	quick (be), hasten, hurry	V. 213 - (Demotic) = Related to ⲧⲕⲟⲩⲣ	(v.) [ô] = ⲟⲩ

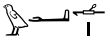
				'speed'	
1;3;4	*tkr tkr*	**tk[ô]r tk[ô]r!**	quick quick! [IE = Armenian 'shoud shoud / shoushoud']	V. 213 - (Demotic) = Related to ⲧⲕⲟⲩⲣ 'speed'	(v.) imp.
1;3;4	*tks* = *? tks* 'torture' 	**t[ô]ks**	pierce [torture?]	V. 213 - (Demotic) = ⲧⲱⲕⲥ ⲑⲱⲕⲥ ⲑⲟⲩⲕⲥ ⲑⲟⲩⲍ	(v.) *t* = ⲑ
1;3;4	*tlg*	**t[ô]lg**	untie	V. 213 - (Demotic) = Related to ⲧⲱⲗⲕ 'pluck; tear off' [semantic shift?]	(v.)
0;4;4	*tltl*	**tltl / t[è]lt[è]l**	drop [French: 'goutte']	V. 214 - (Demotic) = Related to ⲧⲉⲗⲧⲉⲗ ⲧⲗⲧⲗ 'drop; make drop' (v.)	MAT ONO?
0;2;2	*tm*	**t[è]m**	don't [IE = English 'don't' or Armenian 'dem' 'against'?]	V. 213 - (Demotic) = Extrapolated from *tm tkr* 'don't hurry', related to ⲧⲕⲟⲩⲣ 'speed'	NEG
0;2;2	*tm* Wb 5, 302.5-303.11 = *tm* (Demotic)	**tm / t[è]m ['t' accentuated]**	not, does not [negation of verb, French 'ne']	V. 214 - OK = ⲧⲙ–ⲧⲉⲙ negation of the infinitive	NEG accent.
0;3;3	*tmȝ*  Wb 5, 307.2-9 = *tm* (Demotic)	**tmA /** **tm[è]**	mat (made of reed or rush)	V. 214 - MK = Extrapolated from ⲧⲙⲉ ⲟⲙⲉ	TOOL Accent = *ȝ* *ȝ* = ⲉ *ȝ* ⇔ [è]
1;4;5	*tmȝm* Wb 5, 307.15-17	**t[ô]mAm**	sack, wheat bag	V. 215 - OK = ⲧⲱⲙⲉ ⲧⲱⲙⲉⲥ ⲧⲟⲟⲙⲉ	TOOL *m* = [] *ȝ* = ⲉ
1;3;4	*tmm* Wb 5, 308.5-9 = *tm*	**t[o]mm /** **t[o]m**	close (to, the mouth)	V. 215 - OK = ⲧⲟⲙ ⲑⲟⲙ	(v.) *t* = ⲑ
1;3;4	*tms*  Wb 5, 369.6	**t[ô]m[è]s**	bury	V. 215 - NK = ⲧⲱⲙ̄ⲥ ⲑⲱⲙⲥ	(v.) accent. *t* = ⲑ
1;3;4	*tn*  = *tni*  Wb 5, 373.1-14 = *tn* (Demotic)	**tch[ô]n? /** **tch[ô]næ /** **t[ô]n?**	where? From where?	V. 217 - OK = ⲧⲱⲛ ⲑⲱⲛ	ADV *t* = ⲧ *t* = ⲑ
1;3;4	*tnf* [*tnf.ii.t*]  = *tnfy*  Wb 5, 380.12-13	**tchn[ô]f /** **tchn[ô]fï /**	bag; purse	V. 329 - Neo Eg. = ϫⲛⲟⲩ ⲟⲛⲱⲩ 'basket; recipient'	TOOL *t* = ⲟ *d* = ⲟ *y* = []

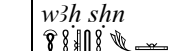
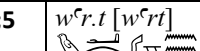
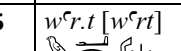
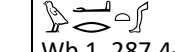
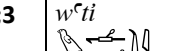
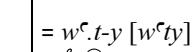
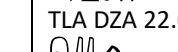
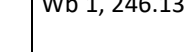
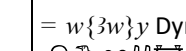
	= *ḏnf* (Demotic)	**djn[ô]f**			
1;3;4	*tnm* *Wb 5, 312.8*	**tn[o]m**	furrow	V. 213 - NK = ⲧⲗⲟⲙ ⲑⲗⲟⲙ	AGR *n* = ⲗ *t* = ⲑ
1;2;3	*tnw* [*tn.w.t*]  Wb 5, 379.5-15	tch[*è*]n or tch[*è*]{n[ô]w}?	count, quantity, census [lit. 'every'] (French: 'recensement')	V. 216 - OK = Related to ⲧⲛ− ⲧⲉ ⲧⲣ− 'every'	ABS
0;3;3	*tnw* [*tn.w*]  = *tnw* [*tn.w*] Wb 5, 377.11-378.27	**tch[*è*]n /** **t[*è*]n** **['t' accentuated]**	every (+ substantive)	V. 216 - OK = ⲧⲛ− ⲧⲉ ⲧⲣ−	ADV accent. *t* = ⲧ
-	*tnw-rnp.t* [V's source is not clear as Wb 385.11-12 does not show the expression as cited]	**tch[*è*]n-r[o]np[*è*)** **['p' accentuated]**	every year	V. 175 - ? = ⲧⲉⲛⲣⲟⲙⲡⲉ ⲧⲉⲛⲣⲟⲙⲡⲓ	CAL accent. [*è*] = ⲉ [*è*] = ⲓ
0;4;4	*tny* Wb 5, 372.11-12	Tchnï ?/ Tch[i]nï?	Thinis	V. 216 - MK = ⲧⲓⲛ	LOC
1;2;3	*tp*	**t[ô]p**	accustom	V. 218 - (Demotic) = ⲧⲱⲡ ⲧⲟⲡ ⲧⲉⲡ	(v.)
1;2;3	*tp.t* Wb 5 293, 3-6 = ʿ*p.t* (Demotic)	**t[a]p[*è*] /** ***a*p[*è*]**	head [IE = English 'top' or 'apex']	V: 14 - ? = Related to ⲁⲡⲉ ⲁⲫⲉ ⲁⲡⲉ	BOD ʿ = ⲁ *p* = ⲫ
1;3;4	*tpi* [*tp*{*i3*}] = *tp* Cerný, CED 191 (TLA) = *tp* (Demotic)	**t[ô]p{ä} /** **t[ô]p**	sow [French: 'coudre'], stitch	V. 219 - ? = ⲧⲱⲡ ⲧⲟⲡ	(v.) *i3* = []
1;3;4	*tpnn*  Wb 5, 296.9-10	**t[*è*]pn[*è*]** **[accentuation by duplication]**	cumin [*Cuminum cyminum* L.]	V. 219 - NK = ⲧⲉⲡⲛ ⲧⲁⲡⲛ [apparently a shift of the accentuation / intonation on 'ⲡ'] ⲑⲁⲡⲉⲛ	BOT accent. duplic.
-	*tp-r3* [*tp-r*]  No Wb?	**t[a]p[*è*]-r[o]**	sentence; speech [French: 'parole']	V. 219 - OK = ⲧⲁⲡⲉⲣⲟ ⲧⲁⲡⲗⲁ	ABS
1;2;3	*tr*  Wb 5, 313.12-316.11 = *tri* 	**tr[*è*] /** **træ**	season, time [the latter probably by extension; IE = Englush '**ti**me'?]]	V. 208 - ? = ⲧⲉ	TIME r = [] [è] = *i*

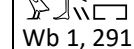
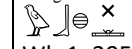
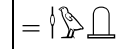
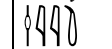
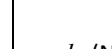
	TLA DZA 25.310.690				
1;3;4	*tr.t* Wb 5, 385.13-386.3 = *tr.t* (Demotic)	**tch[ô]r[è] /** **t[o]r[è]**	willow	V. 220 - OK = ⲧⲱⲣⲉ ⲟⲱⲣⲓ	BOT *t* = ⲧ *t* = ⲟ
1;3;4	*trḥ* [*twrḥ*] Wb 5, 388.4	**tch{[ô]w}rH**	mock; deride; offensive (be)	V. 326 - Neo Eg. = ⲭⲱⲗⲉ	(v.) *r* = ⲉ
0;3;3	*tri* = *tri* = *dr* Wb 5, 318.1-8	træ / tchr[è] / dr[è]	respect; venerate	V. 221 - OK = Related to ⲧⲣⲓⲉ ⲧⲣⲣⲉ 'fear; tremble'?	(v.) *i* = [è]
1;3;4	*trm* Wb 5, 387.12-15	**tch[ô]r[è]m** tch[ô]rm[è]?	wink, blink	V. 331 - MK = ⲭⲱⲣⲙ ⲭⲱⲣⲙⲉ ⳟⲱⲣⲉⲙ 'make a sign' [semantic shift'	(v.) accent. *t* = ⳟ
1;3;4	*trn*	**tr[a]n**	tin [IE? = French 'Etain']	V: 58 - (Demotic) = ⲑⲣⲁⲛ	MAT *t* = ⲑ
1;3;4	*trp* Wb 5, 387.10	**tch[ô]rp**	stagger, stumble [French: tituber]	V. 331 - Neo Eg. = ⲭⲱⲣⲡ 'stumble' (French: 'trébucher'; make a false step; offend) [semantic shift]	(v.)
1;3;4	*trr* [*tirr*]  = *th3r*  Wb 5, 318.18	**{tè}r[i]r /** **{tè}hAr**	oven	V. 221 - Neo Eg. = ⲧⲣⲓⲣ ⲟⲣⲓⲣ	TOOL *ti* = {tè} *ti* = ⲧ *ti* = ⲑ
1;3;4	*trrw* [*trr.w*] Wb 5, 387.4 = *tll* (Demotic)	**tch[è]r[é]r /** **t[è]l[é]l** **[‹tch› or ‹t› accentuated]**	delight in, rejoice of [IE = English: cheer?]	V. 213 - OK (Pyr) = ⲧⲉⲗⲏⲗ ⲑⲉⲗⲏⲗ ⲧⲁⲗⲏⲗ	(v.) accent. *r* = *l*
1;3;4	*tt* Wb 5, 413.14-15 = Plur. = *ḏḏ* (Demotic)	**tch[a]tch / dj[a]dj /** Plur: tch{[ô]w[è]? [plural by reduplication?]	sparrow	V. 333 - MK = ϫⲁϫ ϭⲁϫ	ZOO *t* = *ḏ* *t* = ϭ plur. duplic.
1;3;4	*ttf* Wb 5, 413.4	**tch[é]tf**	jug type to measure beer: Tchétef	V. 223 - Neo Eg. = ⲧⲏⲧϥ	TOOL
0;1;1	*tw* [*t.w*] Wb 5, 244.9-10	**t[è]**	this one (French 'celle-ci')	V. 307 - OK (Pyr) = Extrapolated from ⳕⲏⲏⲧⲉ	INT accent

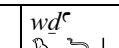
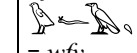
1;1;2	*tw* [*t.w*] No Wb?	**t{[ô]w}**	yourself (in *tw*=*t* 'you yourself' = French 'ta personne', a prefix of accentuation)	V. 208 - ? = ⲧⲉ	PRON PREF accent.
1;4;5	*twfy* Wb 5, 359.6-10 = *twf* (Demotic)	**tch{[ô]w}fï /** **tch{[ô]w}f**	papyrus flowers; papyrus marsh [*Cyperus papyrus* L.] [IE = link with 'tchoufa' used for *Cyperus esculentus* L. in Spain?]	V. 333 - ? = [*ⲭⲱⲟⲩⲫ] ⲭⲟⲟⲩⲫ ⲥⲟⲙⲫ ⲥⲟⲛⲫ	BOT *t* = ⲥ *y* = []
-	*tw-i* m. f. Junge, Näg. Gr., 80 (TLA)	**t{[ô]w}-æ**	I (accentuated = French: 'Moi, je')	V. 209 - ? = ⲧ	PRON
0;3;3	*tw-n* No Wb?	t{[ô]w}n or t{[ô]w-[a]n} ? ['t' accentuated]	you (first, plur.)	V. 216 - N = ⲧⲛ− ⲧⲉⲛ	PRON accent.
1;3;4	*twt* Wb 5, 256-257.18	**t{[ô]w}t** [t{[ô]}t?]	similar (be); correspond (to something); sufficient (to be). correspond (to)	V. 223 - OK (Pyr) = Related to ⲧⲱⲧ ⲑⲱⲧ 'imitate; polish; equalize'	(v.) *t* = ⲑ
1;3;4	*twt* Wb 5, 259.5-260.10 = *twt.w* (Demotic)	**t{[ô]w}t[*è*]** **['t' accentuated]**	assemble; be assembled	V. 224 - OK = ⲑⲱⲟⲩϯ ⲧⲟⲟⲩⲧⲉ also 'reunite'	(v.) accent. *w* = ⲱⲟⲩ
1;3;4	*twt* Wb 5, 255.8-256.20 = *twty* (Neo E.) 	**tw[o]t** **tw[ô]tï**	statue, image, idol	V. 224 - NK = ⲧⲟⲩⲱⲧ ⲑⲟⲩⲱⲧ ⲧⲟⲩⲟⲟⲧⲉ ⲑⲟⲩⲟⲧ NK = ⲑⲟⲩⲟⲧ 'statue' [hence 'Tw[o]tankhÆm{oo}n' and not 'Tutankhamun']	TOOL REL *t* = ⲑ
-	*tw-tn* [*twtn*] Wb 5, 247.2-3	**t{[ô]w}-tch[è]n**	you; your (plur.)	V. 224 - Neo Eg. = ⲧⲏⲩⲧⲛ	PRON accent {oo} *w* = ⲏⲩ
1;2;3	*th* [*th.w*] = *dhi.w* = *th* Wb 5, 325.10-14	**t[è]kh /** **d[è]khï /** **{tè}kh**	flower of Hathor unidentified; pleasant smelling plant	V. 224 - NK (Dyn. XIX) = ⲧⲉϫ ⲧⲁϫ	BOT MED *h* = ϫ *t* ⇔ *d*
1;3;4	*thb* Wb 5, 326.1-11 = *th thb* (Demotic)	**t[ô]kh[*è*]b /** **t[ô]Ħ[*è*]b**	dip; wet, moisten; irrigate	V. 226 - OK = ⲧⲱϩ̄ⲃ	(v.) *h* = ϩ
1;3;4	*thth* Wb 5, 328.8-13 =*thy*	**t[ô]kh** **[accentuation by reduplication] /** **tkhï**	disturb; be disturbed; confuse	V. 226 - MK = ⲧⲱϩ ⲧϩ̄ ⲑⲱϩ also 'mix'	(v.) accent. duplic. ONO? accent?

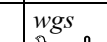
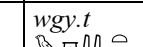
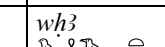
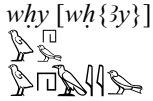
	(Demotic)				*t* = ⲑ
1;2;3	*ṯḥy* [*ṯḥ*] = *ṯḥy* = *ṯḥ*{*iw*} Wb 5, 323.13-324.17 = *ṯḥy* (Demotic)	**t[ô]kh[*è*] /** **t[ô]khï /** **t[ô]kh{è} /** **t[ô]khï**	drunk (be or get); drink well [IE = English: '**dr**unk']	V. 225 - OK = ϯⲍϵ ⲟⲓⲍⲓ	(v.) {DIA} accent. *t* = ϯ *ḥ* = ⲍ [*è*] ⇔ *y* ⇔ {*iw*}
-	*ty ꜥl*	**tï *a*l[o]**	climb; lift; find [lit. cause to climb]	V. 213 - (Demotic) = ⲧⲁⲗⲟ	(v.)
-	*ty mꜣꜥ* [*ty m*{*ꜣꜥ*}]	**t{o}-m{Ã}[o]**	justified	V. 214 - (Demotic) = ⲧⲙⲁⲉⲓⲟ ⲑⲙⲁⲉⲓⲟ ⲧⲙⲁⲉⲓⲉ ⲑⲙⲁⲉⲓⲉ	ABS {DIA} *ꜣꜥ* = ⲁⲉⲓ
0;3;3	*tyk*	**tïk**	Spark = *tkꜣ?* 'flame'	V. 212 - (Demotic) = ⲧⲓⲕ ⲑⲓⲕ	MAT *t* = ⲑ ï = ⲓ
1;3;4	*tym*	**t[a]ïm[*è*] ['m' accentuated]**	protect; protection (n.)	V. 212 - (Demotic) = ⲧⲁⲓⲙⲉ 'help, reinforce' [semantic shift]	(v.) accent.
1;3;4	*tyt*	**t[ô]ït**	lament	V. 212 - (Demotic) = ⲧⲟⲉⲓⲧ ⲧⲱⲓⲧ	(v.) {DIA?} *y* = ⲉⲓ ï = ⲉⲓ
1;2;3	*ṯz* Wb 5, 400.2-7	**tch[i]z[*è*]**	vertebra [lit. 'elevation'?]	V. 332 - OK = ϫⲓⲥⲉ ⲟⲓⲥⲓ 'vertebral column; back' [semantic shift]	BOD *ṯ* = ⲟ *z* = ⲥ [*è*] = ⲉ [*è*] = ⲓ
1;2;3	*ṯzw* [*ṯz.w*] Wb 5, 402.9-19 = *ṯs* (Demotic)	**tch[ô]z /** **tch[o]s**	commander	V. 324 - OK = Related to ϫⲟⲉⲓⲥ 'master; lord'	TIT
1;3;4	*ṯzy* [*ṯz*] Wb 5, 405.1-406.14 = *ṯs* (Demotic)	**tch[ô]z /** **tch[o]s**	lift, erect, rise; raise, levy (troops)	V. 331 - OK = ϫⲁⲥⲧ ϫⲉⲥⲧ ⲟⲉⲥⲧ ϫⲓⲥⲉ ⲟⲓⲥⲓ also 'be lifted; be honoured'	(v.) *ṯ* = ⲟ *z* = ⲥ
1;1;2	*w* Wb 1, 243.1-7	**{ô}w} **	region; district	V. 227 - MK = Extrapolated from	LAND *w* = ⲟⲩ

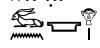
		Later probably also {oo}		ⲟⲩⲡⲟⲕⲉⲣ 'Region of the Tree'.	
1;1;2	*w* / Wb 1, 243.12-14	**w[*e*]** [a schwa?]	they; them (French: 'ils' or 'eux')	V. 228 - Neo E. = ⲟⲩ. Replaces *sn* in Neo Egyptian.	PRON *w* = ⲟⲩ
0;2;2	*wˁ* [masc.]  TLA DZA 22.151.650 *wˁ.t* [fem.] Wb 1, 273.3-276.9	**w*a***	one [French: 'un' or 'une']; sole	V. 228 - Pyr = ⲟⲩ	ART *w* = ⲟⲩ
0;2;2	*w3.t* Wb 1, 246.17-248.13	**wA**	path, road, side [IE? = Latin 'via', French 'voie', English '**wa**y']	V. 179 - NK? = Extrapolated from ⲣⲁⲟⲩⲉ 'street, district' = *r3-w3.t*	HAB
0;3;3	*wˁb* Wb 1, 280.12-282.5 = *wˁb* (Demotic)	w*a*b	purify	V. 230 - OK = Related to ⲟⲩⲟⲡ 'be pure; innocent; saint'	(v.)
0;3;3	*wˁb* Wb 1, 282.13-283.12 = *wˁb* (Demotic)	**w*a*b**	priest (lit. 'the pure')	V. 230 - OK = ⲟⲩⲏⲏⲃ ⲟⲩⲏⲃ	PRO ˁ = ⲏⲏ ˁ = ⲏ
0;4;4	*w3d̲* Wb 1, 264.12-266.9 = *wt* (Demotic)	**wAdj /** **w[a]t**	green (be); prosper, flourish, cause to flourish	V. 238 - OK (Pyr) = ⲟⲩⲟⲧ ['be green' and similar]	(v.) *w* = ⲟⲩ *3* = ⲟ *d̲* = ⲧ
0;3;3	*W3d̲.t* = *W3d̲-yy.t* [*W3d̲y.t*] Wb 1, 268.17	**WAdj[ô] /** **WAdj[oo]**	Wadjo, Snake Goddess of Lower Egypt	V. 165 - OK (Pyr) = Extrapolated from ⲡⲧⲉⲛⲉⲧⲱ 'Kom ad-Danatu' = *P3 t3 n W3d̲-yy.t*. Also extrapolated from *pr-W3d̲.t* 'Buto' = ⲃⲟⲩⲧⲟ ⲡⲟⲩⲧⲟ betraying the 'o' at the end of the name	GOD
0;4;4	*w3d̲.t* [*w3d̲t.w*] Wb 1, 266.13	**wAdjt[*è*] ['t' accentuated]**	vegetables; herbs (lit. 'greens'; IE = English '**veg**etable'?]	V. 238 - Neo Eg. = ⲟⲩⲟⲟⲧⲉ ⲟⲩⲟϯ	BOT accent. *3* = ⲟⲟ *t* = ⲧⲉ *t* = ϯ
1;5;6	*w3d̲w3d̲* Wb 1, 270.4-5 (Demotic)	w[ô]djwAdj? wAdjwAdj?	green (make; French: 'verdir'); green (be); herbs; vegetables (n.)	V. 239 - NK (Dyn. XVIII) = ⲟⲩⲟⲧⲟⲩⲉⲧ ⲟⲩⲉⲧⲟⲩⲱⲧ	(v.) BOT
0;3;3	*w3h* 	**wAH**	finish [the latter by extension]; deposit, put;	V: 22 - ? = ⲁϩ ⲁϩⲁ ϩⲁ ⲁϩ 'finish, terminate'	(v.) *3* = ⲁ

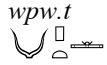
	Wb 1, 253-257 = *w3ḥ* (Demotic)				
0;3;3	*w3ḥ* Wb 1, 257.17	**wAH**	stick?	V. 241 - Neo Eg. = ⲟⲩⲁϩ	TOOL *3* = ⲁ
0;3;3	*w3ḥ* Wb 1, 253.1-257.6 = *w3ḥ wḥ* (Demotic)	**wAH**	deposit, lay down, offer; put; let; sojourn, live; endure	V: 18 & 241 - OK (Pyr) = ⲟⲩⲟϩ ⲟⲩⲟϩ ⲟⲩⲉϩ ⲁⲩⲱ ⲁⲟⲩ	(v.) *w* = ⲟⲩ *3* = ⲟ
-	*w3ḥ shn*  Wb 4, 217.15	**wAH s[ô]Hn[*è*]**	command, prescribe	V. 206 - MK = ⲟⲩⲁϩ ⲥⲁϩⲛⲉ	(v.)
1;4;5	*wˁr.t [wˁrt]*  Wb 1, 288.6-7	**war[é]{tè}** **['t' accentuated]**	Leg Branch [of the Nile]; water spread (in Netherworld)	V. 237 - OK (Pyr) = Related to ⲟⲩⲉⲣⲏⲧⲉ ⲟⲩⲣⲏⲧⲉ ⲟⲩⲣⲏϯ ⲟⲩⲣⲓⲧⲉ 'leg'	ENV REL accent. *w* = ⲟⲩ ˁ = ⲉ
1;4;5	*wˁr.t [wˁrt]*  Wb 1, 288.8	**war[é]{tè}** **['t' accentuated]**	Decan [of the] Leg / Leg Decan	V. 237 - MK = Related to ⲟⲩⲉⲣⲏⲧⲉ ⲟⲩⲣⲏⲧⲉ ⲟⲩⲣⲏϯ ⲟⲩⲣⲓⲧⲉ 'leg'	ASTR accent. *w* = ⲟⲩ
1;4;5	*wˁr.t [wˁrt]*  Wb 1, 287.4-8	**war[é]{tè}** **['t' accentuated]**	leg	V. 237 - MK = ⲟⲩⲉⲣⲏⲧⲉ ⲟⲩⲣⲏⲧⲉ ⲟⲩⲣⲏϯ ⲟⲩⲣⲓⲧⲉ	BOD accent. *w* = ⲟⲩ ˁ = ⲉ t = ⲧⲉ t = ϯ
0;4;4	*wˁrt*	**wart**	wool [IE = English 'wool']	Vieira: 246 - (Demotic)	MAT foreign?
0;3;3	*wˁti*  = *wˁ.t-y [wˁty]*  Wb 1, 278.9-279.5	**wa{tè} /** **wat[è]ï ['t' accentuated]**	alone; unique; isolated, separated	V. 239 - OK (Pyr) = ⲟⲩⲁⲧⲉ ⲟⲩⲱⲧⲉ ⲟⲩⲟⲧ	ABS accent. *w* = ⲟⲩ ˁ = ⲱ ˁ = ⲟ *ti* = ⲧⲉ
-	*w3y [w{3y}]* Wb 1, 245.3-13 = *ty wy [ty{wy}]* (Demotic)	**w{o}/** **tw{ō}**	far (to be), take afar (French: 'éloigner')	V. 229 - ? = ⲟⲩⲉ ⲟⲩⲉⲓ. Also ⲧⲟⲩⲉⲓⲟ ⲧⲟⲩⲓⲟ (V. 212)	(v.) {DIA} *3y* = ⲉ *3y* = ⲉⲓ
0;3;3	*w3y [w{3y}]* Dyn 19 TLA DZA 22.045.270  Wb 1, 246.13 = *w{3w}y* Dyn 21   TLA DZA 22.045.270	**w{o}[*é*]** **w{Au}ï /**	pass; come; [reach]	V. 231 - MK = ⲟⲩⲁⲉⲓⲉ ⲟⲩⲁⲉⲓ ⲟⲩⲟⲉⲓ ⲟⲩⲟⲓ Note: The Coptic writings reflect particularly well the second 21st dynasty variant writing of	(v.) {DIA} *3y/3w* = ⲟⲩⲁ *3y/3w* = ⲟⲩⲟ *3y/3w* = ⲟⲩ

	= [*w{ȝw}*] Dyn 19 TLA DZA 22.045.280 = [*w{ȝw}*] NK TLA DZA 22.045.260 Wb 1, 246.10-12 = *w{ȝw}* Dyn 21 TLA DZA 22.045.270	**w{Au}[*é*]** **[accentuation by duplication of *w*]**		{ȝw}.	
0;3;3	*wbȝ* Cerný, CED 210 (TLA) = *wbȝ* (Demotic)	**w[*e*]bA /** **w[*e*]ba [a schwa?]**	against; opposite	V. 230 - Ptolemaic = ⲟⲩⲃⲏ ⲟⲩⲃⲉ	ADV *w* = ⲟⲩ *ȝ* = ⲏ *ȝ* = ⲉ
1;3;4	*wbȝ* = [*wb{wy}*] Ptol.  Wb 1, 291.10-14 = *wbȝ* (Demotic)	**w[ô]bA /** **w[ô]b{*ō*} /** **w[ô]bA**	parvis, open court (of temple)	V. 235 - NK (Dyn. XVIII) = ⲟⲩⲱⲡⲉ	HAB {DIA} *ȝ* = ⲉ
1;3;4	*wbḥ*  Wb 1, 295.12-20	**wb[ô]kh**	shine; clear, bright (be); brighten (to)	V. 230 - NK = ⲟⲩⲃⲁ*ⲯ* ⲟⲩⲁ*ⲯ* also ' white (be); brilliant (be)'	(v.) [ô] = ⲁ *ḥ* = *ⲯ*
1;3;4	*wḏ* TLA DZA 22.704.110  = *wḏy* (NK) = *wdyti*  Wb 1, 398 15 = *wty* (Demotic)	**w[ô]djï /** w[o]d{ō}? **/** **w[o]ï{*tè*}**	stelae; tomb stone; boundary or commemorative stone or stelae Derived from  *wḏ* 'order'.	V. 231 - MK = ⲟⲩⲟⲉⲓⲧ [metathesis for *ⲟⲩⲟⲧⲉⲓ? ⲟⲩⲟⲉⲓⲧ is also mentioned by TLA (DZA 22.704.110).	TOOL {DIA?} *y* = ⲉⲓ
1;3;4	*wḏȝ* Wb 1, 399.14-401.2	**w[ô]djA**	safe (be); saved (be), healed; healthy (be); whole, intact (to be)	V. 226 & 242 - AE (Pyr) = ⲟⲩⲟⲭ ⲟⲩⲭⲁⲓ. Also extrapolated from ⲧⲟⲩⲭⲟ ⲧⲟⲩⲭⲉ 'healed' or 'safe' (lit. cause to be healed/safe')	(v.) *ȝ* = ⲟ *ȝ* = ⲉ

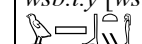
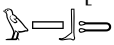
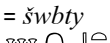
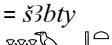
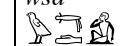
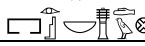
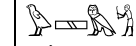
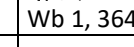
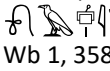
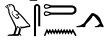
1;3;4	*wḏꜥ*  Wb 1, 404.3-406.12	**w[ô]dj*a* ['ô' or 'dj' accentuated]**	divide, separate; cut; judge [IE = English 'judge']; appoint	V. 242 - OK = ⲟⲩⲱⲱϫⲉ ⲟⲩⲱϫ ⲟⲩⲉⲉϫⲉ ⲟⲩⲉϫ ⲟⲩⲟⲟϫ ⲟⲩⲟϫ + V. 239: ⲟⲩⲱⲱⲧⲉ ⲟⲩⲱϯ ⲟⲩⲗⲗⲧⲉ ⲟⲩⲉⲧ ⲟⲩⲟⲟⲧ ⲟⲩⲟⲧ also 'send'	(v.) accent. ꜥ = ⲉ ꜥ = [] *ḏ* = ⲧ *ḏ* = ϯ
1;3;4	*wdb* Wb 1, 408.3.15 = *wtb* (also: 'pass; deplace')	**w[ô]db /** **w[ô]d[è]b ['d' accentuated]**	return; direct [task]	V. 239 - Neo Eg. = ⲟⲩⲱⲧⲛ ⲟⲩⲱⲧⲉⲃ ⲟⲩⲱⲧⲉⲃ also 'transfer, displace, turn, pass; die'	(v.) accent.
1;3;4	*wḏḥ* Wb 1, 393.6-10 = *wtḥ* (Demotic)	**w[ô]dH /** **w[ô]tH**	pour out (liquid)	V. 239 - OK (Pyr) = ⲟⲩⲱⲧϩ	(v.) *d* = ⲧ
1;3;4	*wḏḥ* Wb 1, 410.4 = *wtḥ* (Demotic)	**wdj[a]H / wt[a]H**	fruit	V. 239 - Neo Eg. = ⲟⲩⲧⲁϩ ⲟⲩⲧⲉϩ ⲉⲧⲁϩ	AGR *ḏ* = ⲧ
1;3;4	*wḏḥ* Wb 1, 410.5	**wdj[ô]H / wt[ô]H**	fruit; bear fruit [IE = English 'fruit'?] = *wtḥ* also 'mature [i.e. fruiting] (Demotic)	V. 239 - Neo Eg = ⲟⲩⲧⲱⲱϩ ⲟⲩⲧⲉⲩϩ	(v.) *ḏ* = ⲧ
1;3;4	*wdn* Wb 1, 391.1-16	**w[ô]dn / w[ô]d[è]n ['d' accentuated]**	offering making, make an offering; offer (to)	V. 239 - OK = ⲟⲩⲱⲧⲉⲛ ⲟⲩⲱⲧⲛ	(v.) accent *d* = ⲧ
1;3;4	*wf3*  = *wfy* Wb 1, 306.3 = *wf* (Demotic)	**w[o]fA / w[o]f ï / w[o]f[è] ['f' accentuated]**	lung	V. 241 - NK = ⲟⲩⲟϥ ⲟⲩⲟⲃ	BOD ONO? accent. [è] = *ȝ* *ȝ* = [] *ȝ* ⇔ *y* ⇔ [è]
1;3;4	*wft*	**w[a]tf[è] ['f' accentuated]**	hole	V. 239 - (Demotic) = ⲟⲩⲁⲧϥⲉ	ABS accent.
1;3;4	*wft* Wb 1, 306.7	**w[ô]ft**	bore through, pierce	V. 239 - NK (Dyn. XIX) = ⲟⲩⲱⲧϥ [metathesis]	(v.)
1;3;4	*wgȝ* Wb 1, 376.9	w[a]gA	wheat (compared to beaten enemies) (threshed or beaten wheat?)	V. 242 - NK = Related to ⲟⲩⲁⲅⲉ 'hit'?	BOT
1;3;4	*wgi* Wb 1, 376.1-2	w[ô]gæ ['g' accentuated?]	chew	V. 242 - OK (Pyr) = Related to ⲟⲩⲟⲟⲅⲉ ⲟⲩⲟⲓⲅⲉ ⲟⲩⲟⲭⲓ 'jaw'	(v.) accent. [ô] = ⲟⲟ [ô] = ⲟⲓ *g* =ⲅ *g* = ⲭ
1;3;4	*wgp* Wb 1, 377.5-8	**w[ô]gp ['g' accentuated]**	destroy, crush; pound	V. 242 - MK (or later) = ⲟⲩⲱⲅⲡ ⲟⲩⲱⲭⲡ also 'brake; miss'	(v.) accent. *g* =ⲅ

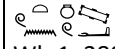
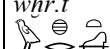
	= *wgp* (Demotic)				*g* = **ϫ**
1;3;4	*wgs*  Wb 1, 377.12-15	**w[ô]gs**	disembowel, cut open, gut	V. 243 - OK = Related to **ⲟⲩⲱⲥⲥ** 'destroy; make enter'?	(v.)
1;3;4	*wgy.t*  Wb 1, 376.3-5 = *wgy.t* (Demotic)	**w[ô]gï** **['g' accentuated]**	jaw (lower), lower jaw [lit. '[the one] of chewing]	V. 242 - NK (Dyn. XVIII) = **ⲟⲩⲟⲟⲥⲉ ⲟⲩⲟⲓⲥⲉ ⲟⲩⲟϫⲓ**	BOD accent. *g* =**ⲥ** *g* = **ϫ** *y* = **ⲉ**
1;3;4	*wḥ3*  Wb 1, 347.18-23 = *wḥi* (Demotic)	**w[a]HA**	oasis [IE = English 'oasis' - borrowing from AE]	V. 241 - MK = **ⲟⲩⲁϩⲉ ⲟⲩⲁϩ ⲟⲩⲉϩⲓ**	ENV *3* = **ⲉ**
1;3;4	*wḥ*ˁ Wb 1, 348.3-349.15	**w[ô]H*a***	interpret, explain (dream); untie, loosen	V. 241 - OK (Pyr) = **ⲟⲩⲉϩ**	(v.) ˁ = []
1;3;4	*wḥ*ˁ Wb 1, 350.1-6 = *wḥ*ˁ (Demotic)	**w[ô]H*a***	fisherman; bird breeder, fowler (French: 'oiseleur')	V. 242 - OK (Pyr) = **ⲟⲩⲱϩⲉ ⲟⲩⲟⲟϩⲉ ⲟⲩⲟϩⲓ**	PRO
1;3;4	*wḥ*ˁ [*wḥ*ˁ.*t*] Wb 1, 351.1-2 = *wḥ.t* (Demotic)	**w[ô]H*a***	scorpion	V. 242 - NK = **ⲟⲩⲟⲟϩⲉ ⲟⲩⲟϩⲓ ⲟⲩⲁⲁϩⲓ**	ZOO ˁ = **ⲉ** ˁ = **ⲓ**
1;3;4	*wḥm* Wb 1, 340-343.15	**w[ô]Hm /** **w[o]Hm**	repeat	V. 242 - OK (Pyr) = **ⲟⲩⲱϩⲙ ⲟⲩⲟϩⲙ** also 'answer; explain, interpret'.	(v.)
-	*wḥm-ms* [*wḥm-ms.w.t*] Wb 2, 141.2-6	**w[ô]Hm-m[è]s**	reborn (be) [lit. repeating [of being] born]	V. 242 - ? = **ⲟⲩⲁϩⲙⲉⲙⲙⲓⲥⲓ**	(v.)
1;3;4	*wḥr* Wb 1, 346.6 = *wḥ3r*[.*t*] = *wḥr* (Demotic)	**wH[ô]r[è] /** **['r' accentuated]** **wHAr[è]** **wH[o]r**	bitch (female; French 'chienne')	V. 242 - ? = **ⲟⲩϩⲱⲣⲉ ⲟⲩϩⲟⲟⲣⲉ ⲟⲩϩⲟⲣ**. Extrapolated from *P- Wḥr* 'The Dog' or 'The [She-] Dog'	ZOO ONO? accent for fem.
2;4;6	*whwḥ* Wb 1, 351.10	**w[a]Hw[a]H**	bark (of a dog)	V: 34 & 242 - N = **ⲟⲩⲁϩⲃⲉϥ ⲃⲉϩⲃⲉϩ**; V. also gives equivalents in Arabic	ONO
1;3;4	*wḥy* [*wḥ*{*3y*}]  TLA DZA 22.545.610	**w[a]H{o} /**	lack; miss; escape	V. 241 - MK = Extrapolated from **ⲟⲩⲁϩⲓϩⲉⲧ** 'cruel', lit.	(v.)

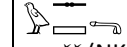
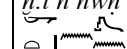
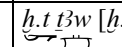
	& Wb 1, 339.1-15 = *why* (Demotic)			'lack heart'.	
1;3;4	*wmt* Wb 1, 306.9-14	**wm[ô]t**	thick (to be; said of beer, etc..)	V. 233 - OK (Pyr) = ⲟⲩⲙⲟⲧ	(v.) *w* = ⲟⲩ
1;3;4	*wmt.t* Wb 1, 307.6-7	**wm[o]t**	wall fortified; fortification [lit. thick [building, wall, etc..]	V. 233 - NK (Dyn. XVIII) = ⲟⲩⲙⲟⲧ 'tower of fortification [semantic shift]'	HAB *w* = ⲟⲩ
1;2;3	*wn* = Wb 1, 311.2-312.11 = *wn* (Demotic)	**w[ô]n**	open	V: 234 - ? = ⲟⲩⲱⲛ ⲟⲩⲉⲛ. See also ⲗⲟⲩⲱⲛ open!	(v.) *w* = ⲟⲩ [ô] = ⲉ
1;2;3	*wn*	**w[ô]n**	part (of number)	V. 232 - (Demotic) = ⲟⲩⲱⲛ ⲟⲩⲉⲛ	MATH [ô] = ⲉ
1;2;3	*wn* No Wb? = *wn* (Demotic)	**w[ô]n**	someone [IE = English 'some**one**']	V. 233 - ? = ⲟⲩⲟⲛ	(v.) *w* = ⲟⲩ
1;2;3	*wn* Wb 1, 309.7-11 = *wnn* Wb 1, 309.7-11 = *wn* (Demotic)	**w[ô]n / w[ô]n[*è*]** **['n' accentuated by duplication]**	there is; be	V. 233 - ? = ⲟⲩⲟⲛ ⲟⲩⲛ̄	AUX accent. duplic. *nn* = ⲛ̄
-	*wn ḥr*  Wb 1, 312.15.-313.5 = *wn ḥr* (Demotic)	**w[ô]n-Hr[a]**	reveal, lit. 'open the face, open the sight (of) which it also means according to TLA	V. 235 - OK (Pyr)? = ⲟⲩⲱⲛ̄ⲣ ⲟⲩⲉⲛⲣ ⲟⲩⲟⲛⲣ	(v.) r = []
-	*wn mdy* [*wn-m-d*[*ȝ*]*y*] Wb 1, 309.5	**w[ô]n-m[*è*]-d{o}**	have [lit. 'there is/be in giving/possessing [to x]]	V. 233 - ? = ⲟⲩⲟⲛⲧⲉ ⲟⲩⲛⲧⲉ ⲟⲩⲟⲛⲧⲁ ⲟⲩⲛⲧⲁ	(v.)
1;3;4	*wnḏw* [*wnḏ.w*] Wb 1, 326.1	**w[ô]ndj**	hold (of a boat)	V. 235 - OK (Pyr) = ⲟⲩⲟⲛⲧ ⲟⲩⲉⲛⲧ	NAV *w* = ⲟⲩ *ḏ* = ⲧ
1;3;4	*wnf* Wb 1, 319.11-20 = *wnf* (Demotic)	**wn[ô]f /** **wn[o]f**	rejoice; glad (be)	V. 235 - MK = ⲟⲩⲛⲟϥ	(v.) *w* = ⲟⲩ
1;3;4	*wnm* Wb 1, 320.1-321.12 = *wnm wm* (Demotic)	**w[ô]nm /** **w[o]m**	eat [IE = Armenian: ուտել 'oudel'?]	V. 232 - OK = ⲟⲩⲱⲙ ⲟⲩⲟⲙ ⲟⲩⲉⲙ	(v.) n = []
3;3;6	*wnnm*	w[a]n[ô]m[*è*]	gangrene? (product of the	V. 233 - ? [Med] =	MED

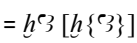
	 Wb 1, 323.3	['n' accentuated?]	decomposition of a swollen body part)	Perhaps equal to ⲟⲩⲁⲙⲟⲙⲉ 'gangrene'	accent. foreign? *n* = m
-	*Wnn-Nfr* = Wb 1, 311, 1 = *Wn-Nfr* (Demotic)	**W[ô]n-N[ô]fr[è]**	Oun-Nefer [lit. 'The Good One' or similar] = Onouphris	V. 235 - ? = ⲟⲩⲉⲛⲟⲫⲣⲉ ⲟⲩⲉⲛⲁⲃⲣⲉ	GOD accent
1;3;4	*wnš* Wb 1, 324.16-18 = *wnšt* 'she-wolf fem. Wb 1, 325.3	**w[ô]nsh /** **w[ô]nsht[è] [with probable accentuation to indicate feminine]**	wolf; jackal-wolf [IE = English 'wolf']	V. 235 - ? = ⲟⲩⲱⲛϣ ⲟⲩⲁⲛϣ	ZOO *w* = ⲟⲩ
1;4;5	*wnšʿ*	w[o?]nsh*a*	wolf [IE = English 'wolf'?]	Vieira: 246 - (Demotic)	ZOO
1;4;5	*wnši* [*wnš*{*iw*}] Wb 1, 325.1	w[ô]nsh{è}	wolf-dog	V. 235 - ? = Related to ⲟⲩⲱⲛϣ ⲟⲩⲁⲛϣ 'wolf'.	ZOO {DIA} {*iw*} = []
1;3;4	*wnw.t* Wb 1, 316.1-317.2 = *wnw.t* (Demotic)	**wn{[ô]w}**	hour [IE = English 'hour]	V. 233 - OK (Pyr) = ⲟⲩⲛⲟⲩ	TIME *w* = ⲟⲩ
1;3;4	*Wny* [*wn*] = *wni* Wb 313,.10-314.6	**w[ô]n[è]** **w[ô]næ /**	pass; hurry	V. 233 - ? = ⲟⲩⲉⲓⲛⲉ [metathesis?]	(v.) *w* = ⲟⲩ *y* ⇔ *i*
1;2;3	*wpw.t*  Wb 1, 303.8-304.5	[*e*?]w[o]p[*è*]	work; affair; task; message	V: 65 - NK (earlier?) = ⲉⲓⲟⲡⲉ ⲓⲟⲡⲓ	(v.) schwa?
1;4;5	*wpw.t.y* [*wpwt*] = *iwpwti* [{*iw*}*pwti*] = *ipwti* [*ipwti*] (Ptol.) Wb 1, 304.6-11	[*e*]wp{[ô]w]}{tè} / {è}p{[ô]w}{tè} / [*e*]p{[ô]w}{tè}	messenger, commissar, mission bearer	V: 65 - OK (Pyr) = Related to ⲉⲓⲟⲡⲉ ⲓⲟⲡⲓ 'work, profession, art'	PRO {DIA} schwa [*e*] ⇔ *i*
1;2;3	*wr*	**w[ō]r[è]** **[long 'o' & 'r' accentuated]**	plentiful (be; or similar)	V. 232 - (Demotic) = Related to if not equal to ⲟⲩⲱⲱⲁⲉ ⲟⲩⲟⲟⲁⲉ 'prosper'	(v.) accent. [ō] = ⲱⲱ [ō] = ⲟⲟ *r* = ⲁ
-	*wr ʿ3* [*wr* {*ʿ3*}]	**wr-{*â*}**	prince [lit. 'grandee']; ruler (of	V. 236 - MK (earlier?)	TIT

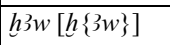
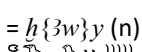
	Wb 1, 329.19-20		a foreign land)	= ⲟⲩⲣⲱ	{DIA} ꜥꜣ = ⲱ
1;3;4	*wrḥ*	**wr[é]H**	ground to build	V. 232 - (Demotic) = ⲟⲩⲣⲏϩ ⲟⲩⲣⲉϩ 'free land' [semantic shift]	HAB
1;3;4	*wrš* Wb 1, 335.10-18 = *wrš wš* (Demotic)	**w[ô]rsh /** **w[o]sh *w{ô}rsh?**	time spend; pass time; watch (over someone) [IE = English 'watch']	V. 231 - MK = ⲟⲩⲟⲉⲓϣ ⲟⲩⲱⲓϣ [Interesting shift which seems to indicate that an Ancient Egyptian *w{ꜣy}rš / ***w{o}rsh** with a digraph *ꜣy* / {o} must have existed]	TIME
1;3;4	*wrs* Wb 1, 335.9	wr[a]s	head rest	V. 236 - OK = Related to ⲟⲩⲣⲁⲥ 'crutch; stick', particulaly as *wrs* mast-crutch (Meeks, AL 78.1041)?	TOOL
0;3;3	*wrš.t* [*wršy.t*] Wb 1, 336.15	**wrshï ['sh' accentuated]**	tower of guard, watch tower; guard	V: 12 & 237 - NK (XXI) = ⲟⲩⲣϣⲉ ⲟⲩⲉⲣϣⲓ. Also extrapolated from ⲁⲛ-ⲟⲩⲣϣⲉ 'guard post'	HAB accent. *w* = ⲟⲩ
1;4;5	*wrš-yy* [*wršy*] Wb 1, 336.7-12	**w[è]rshï**	guard (lit. 'the one who is on watch') [IE = English 'watcher']; keeper of the daily watch (TLA)	V. 237 - MK = Extrapolated from ⲟⲩⲉⲣϣⲉⲛⲟⲩϥⲉ 'good guard'. See *wrš* 'spend the day'.	PRO *y* = ⲉ
1;3;4	*wrt* = *wrt* (Demotic) No Wb?	**w[é]r{tè} ['t' accentuated]**	rose [IE = Armenian վարդ 'vart' - also found in Arabic and other Semitic languages]	Vieira: 229 - V. 236 - OK = Related to ⲟⲩⲉⲣⲧ ⲟⲩⲣⲧ ⲟⲩⲏⲗⲧ	BOT accent. = *tỉ* *w* = ⲟⲩ *r* = ⲗ *t* = []
1;2;3	*wš* Wb 1, 368.5-14	**w[ô]sh**	missing; dry; be bold empty (be); fall; destroyed (to or be)	V. 240 - MK = ⲟⲩⲱϣ 'space; pause; interval' [semantic shift]	(v.)
1;2;3	*wš.t* Wb 1, 368.17 (Demotic)	w[*e?*]sh[*è*]	bone fragments	V. 239 - ? = Related to ⲟⲩⲉϣⲉ 'dust' and something else of similar kind unidentified	MAT
1;3;4	*wšꜥ* Wb 1, 370.6-13 = *wš* (Demotic)	**w[ô]sh*a* /** **w[o]sh**	consume, devour; chew; utter	V. 240 - MK = ⲟⲩⲱⲱϣⲉ	(v.) ꜥ = ⲉ
1;3;4	*wšb* Wb 1, 371.6-372.1 = *wšb* (Demotic)	**w[ô]shb**	answer; defend; be responsible for, [in charge]; answer (n.)	V. 240 - MK = ⲟⲩⲱϣⲃ	(v.)

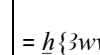
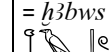
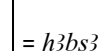
1;4;5	*wšb.t.y* [*wšbty*]  = *wšbti* [*wšbṯi*]  Wb 1, 373 = *šwbty*  = *š3bty*  Wb 4, 435.15-16	w[ô]sh[*è*]btï / w[ô]sh[*è*]btchæ / sh{[o]w}[*è*]btï / shAbtï	woshebti, ushabti, shabti [lit. '[the one] of answering / responsible / in charge]	V. 240 - NK = Related to ⲟⲩⲱϣϫⲃ 'answer; defend; be responsible for, [in charge]; answer (n.)'.	REL
1;3;4	*wšd*  Wb 1, 375.7-15 = *wšt* (Demotic)	**w[ô]shd /** **w[ô]sht**	worship, venerate, adore [IE = English 'worship']; address, greet; question	V. 240 - MK = ⲟⲩⲱϣϯ	(v.) REL *d* = ⲧ
1;4;5	*Wsir* = *Ws* Wb 1, 359.5	{[Oo]}s[i]r[i]? / **{[Ô]w}sAr[*è*]**	Osiris	V: 238 & 32 - NK = ⲟⲩⲥⲓⲣⲉ ⲟⲩⲥⲓⲣⲓ. Also extrapolated from ⲡⲟⲩⲥⲓⲣⲉ ⲡⲟⲩⲥⲓⲣⲓ ⲃⲟⲩⲥⲓⲣⲉ = *Pr Wsir nb ḏdw* 	GOD accent. *w* = ⲟⲩ
0;3;3	*wšiw* [*š{wy}?*] No Wb? Aesthetic disposition = Cerný, CED 40; Meeks, AL 77.1054	[e]sh{*ō*}?	bran [of wheat] [IE = French: 'son'?]	V: 49 - ? = ⲉⲱⲟ ⲱⲟ	AGR {DIA} *y* = ⲟ
1;3;4	*wšm*  Wb 1, 373.9-10	**w[ô]sh[*è*]m**	porridge making or similar; stir	V. 240 - ? = ⲟⲩⲱϣ̄ⲙ ⲟⲩⲱϣⲉⲙ 'knead' [semantic shift]	(v.) accent
1;3;4	*wsr*  Wb 1, 364.1-4	**w[ô]s[*è*]r** **['s' accentuated]**	oar [IE = English 'oar']	V. 238 - MK = ⲟⲩⲟⲥⲉⲣ ⲟⲩⲟⲥ̄ⲣ	TOOL accent
1;3;4	*wsr* = *ws3.t* (NK) = *w3si* (NK)  Wb 1, 358.10-14 = *ws* (Demotic)	**w[ô]sr /** **w[ô]sA /** **wAsæ /** **w[ô]s[*è*]** **['s' accentuated]**	saw [IE = French 'scier'?]	V. 237 - NK = ⲟⲩⲓⲥⲉ (TLA) ⲟⲩⲓⲥⲓ ⲟⲩⲉⲓⲥⲉ	(v.) ONO accent. [ô] = ⲓ [ô] = ⲉⲓ *3* = ⲉⲓ *3* = ⲉ *3* = ⲓ
1;4;5	*wstn*  = *wstn* = *wsdn*	**w[ô]stch[*è*]n /** **w[ô]st[*è*]n /** **w[ô]sd[*è*]n**	walk freely, stride unhindered	V. 238 - MK = ⲟⲩⲟⲥⲧⲉⲛ ⲟⲩⲟⲥⲧⲛ 'enlarge, enlarge oneself' [semantic shift]	(v.) accent. *ṯ* ⇔ *t* ⇔ *d*

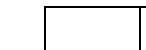
	 Wb 1, 367.9-368.4	**['tch', 't' or 'd' accentuated]**			
1;4;5	*wšwš* Wb 1, 370.17-371.2	**w[ô]shw[*è*]sh [‘w’ accentuated]**	brake, beat (harvest), strike; destroy,	V. 241 - Neo Eg. = ⲟⲩⲟⲩⲱⲟⲩⲉⲩ ⲟⲩⲉⲩⲱⲟⲩⲱⲩ [metathesis]	(v.) accent. AGR
1;3;4	*wsḫ* Wb 1, 364.11-365.3 = *wsḫ* (Demotic)	**w[ô]skh**	large, wide, broad (be)	V. 240 - OK (Pyr) = ⲟⲩⲱⲥϩ ⲟⲩⲱⲩⲥ	(v.) *ḫ* = ϩ *ḫ* = ⲩ
1;3;4	*wsḫ.t* Wb 1, 365.13-15 = *wsḫ wšš* (Demotic)	**w[a]skh /** **w[a]sh[*è*] ['sh' accentuated]**	large [as width], width, breadth	V. 240- NK (Dyn. XVIII) = ⲟⲩⲁⲩⲥⲉ ⲟⲩⲁⲩⲥⲓ	ADJ accent.
1;3;4	*wt*	**w[é]t[*è*] ['t' accentuated]**	lightning; fire	V. 238 - (Demotic) = ⲟⲩⲏⲧⲉ 'tempest' [semantic shift]	ENV accent.
1;2;3	*wt*	**w[ô]t**	different (be) = *rw*[*i3*]*ty* 'other'	V. 238 - (Demotic) = ⲟⲩⲱⲧ ⲟⲩⲟⲧ ⲟⲩⲉⲧ	(v.)
1;3;4	*wtn*  Wb 1, 380.10-11	**w[ô]tn / w[ô]t[*è*]n ['t' accentuated]**	pierce [French: 'transpercer'], break through	V. 239 - Neo Eg. = ⲟⲩⲱⲧⲉⲛ	(v.) accent.
1;3;4	*wḫ3* Wb 1, 353.14-354.7 = *wḫ3 wḥ* (Demotic)	**w[ô]khA /** **w[o]khA / w[o]kh[*è*]**	wish, want; find, seek [IE = English: 'wish']	V. 240 - MK = ⲟⲩⲱⲩⲉ ⲟⲩⲟⲩ ⲟⲩⲱϩ ⲟⲩⲟϩ ⲟⲩⲁⲩ ⲟⲩⲁϩ	(v.) accent. [è] = *3*
0;3;3	*wḫ3* = *wḫ* Wb 1, 354 = Wb 1, 352.5-10	**wkhA /** **wkh[é]**	night	V. 239 - ? = ⲟⲩⲩⲏ ⲟⲩϩⲓ Pl. ⲟⲩⲁⲩⲁⲩⲉ ⲟⲩⲁⲩⲟⲩⲉ. Related to *rwh3* Wb 2, 409.1-6 'evening' = ⲣⲟⲩϩⲉ ⲣⲟⲩϩⲓ ⲗⲟⲩϩⲓ? Related to *ḫ*{*3w*} [metathesis?] 'evening'?	TIME *ḫ* = ⲩ *3* = ⲏ *w* = ⲁⲩⲉ *w* = ⲟⲩⲉ *3* ⇔ [*è*]
1;3;4	*wḫr.t*  Wb 1, 355.10-12	**w[a]khr / w[a]kh[*è*]r**	carpenter's work shop	V. 240 - NK (Dyn. XXII) = ⲟⲩⲁⲩⲉⲣ 'carpentry' [semantic shift?]	PRO ONO? *ḫ* = ⲩ
1;2;3	*wy* Wb 1, 272.11	**w[o]ï!**	woe, alas! (French: 'malheur') [IE = Armenian վայ! 'vaï'?' 'misfortune!' & English 'woe'!]	V. 230 - MK (OK?) = ⲟⲩⲟⲉⲓ ⲟⲩⲟⲓ = [V. rightly states that in Arabic, there is a note of admiration. This can be the case in Armenian 'vaï', or also a dimension of surprise.]	INTER *w* = ⲟⲩ *y* = ï *y* = ⲉⲓ *y* = ⲓ
1;3;4	*wyˁ*	**w[o]ï*a* [pronounced**	peasant [lit. harvester?]	V. 231 - (Demotic) =	PRO

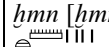
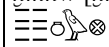
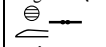
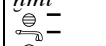
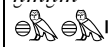
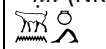
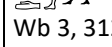
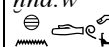
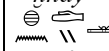
		'wo{ey}*a*']		ⲟⲩⲟⲉⲓⲉ ⲟⲩⲟⲓ. May come from *ꜥw3* 'reap' (V. 231)	AGR
1;3;4	*wyn* Wb 1, 315.4-5 = *wny* = *wyn* (Demotic)	**w[ô]ïn /** **w[o]nï [metathesis] /** **w[o]ïn**	light	V. 231 - MK = ⲟⲩⲟⲉⲓⲛ ⲟⲩⲱⲓⲛⲓ	MAT *y* = ⲉⲓ *y* = ⲓ
3;4;7	*Wynn* = [**W3ynn*]	**W[a]ï[a]n[i]n**	Greek [IE = Armenian 'հույն' 'Houyn']	V. 231 - (Demotic) = Extrapolated from *t3 Wynn* (Demotic) = ⲟⲩⲉⲉⲓⲉⲛⲓⲛ ⲟⲩⲉⲓⲛⲓⲛ ⲟⲩⲁⲉⲓⲁⲛⲓⲛ ⲟⲩⲁⲓⲁⲛⲓⲛ	NAT foreign
1;3;4	*wzf* Wb 1, 357.2-9 = *wzf* (Demotic)	**w[ô]zf**	lazy (be); late (be); neglect; idle (be)	V. 238 - MK = ⲟⲩⲱⲥϥ	(v.) *z* = ⲥ
1;3;4	*wzš*  = *wšš* (NK) Wb 1, 357.16-20	**wz[i]sh / wsh** [accentuation by duplication, in this case possibly to elongate 'sh' to emulate the sound of urination]	urinate	V. 68 - OK (Pyr) = ⲓⲱ	MED ONO accent. duplic *w* = [] *z* = []
1;3;4	*ḥ(y)tw* [*ḥt.w*] Wb 3, 349.10	**kh[i]t**	beating area (for cereals; French: 'aire a battre')	V. 321 - MK = ϩⲓⲧ ϩⲓⲉⲓⲧ	TOOL
1;1;2	*ḥ.t* Wb 3, 356.3-357.17	**ϧ[è]**	body; belly; part of a building	V. 285 - OK (Pyr) = ϩⲉ ϸⲉ; ϩⲏ ϩⲉ 'floor'	BODY *ḥ* = ϩ *ḥ* = ϸ *ḥ* = ϩ
1;1;2	*ḥ.t* Wb 3, 356.3-357.17 = *ḥ.(t)* (Demotic)	**ϧ[é] / ϧ[é]t?**	body	V. 152 - OK (Pyr) = ϩⲏ (TLA); Also extrapolated from ⲛϩⲏⲧ ⲛϸⲉⲧ ⲛϩⲉⲧ 'in' (lit. 'in body' =)	BOD *ḥ* = ϩ *ḥ* = ϸ *ḥ* = ϩ t non silent?
0;1;1	*ḥ.t* Wb 3, 339.10-341.11 = *ḥ.t* (Demotic)	**kh[è]** **['è' accentuated]**	wood [piece]; stick; tree	V. 254 - OK = ⳉⲉ	TOOL accent. *ḥ* = ⳉ
-	*ḥ.t n nwḥ*  Wb 2, 223.13 = *ḥ.t n nwḥ* (Demotic)	**kh[è] n[è?] n{[ô]w}H**	hundred-cubit long measure/ measure of a hundred cubit long [lit. 'wood of rope?']	V. 254 - ? = ⳉⲉ ⲛⲛⲟϩ	NUM
-	*ḥ.t ṯ3w* [*ḥ.t ṯ{3w}*] 	**kh[è]**-tch{Au?**}**	mast (of boat; lit. 'wood [for] wind')	V. 271 - MK = ⳉⲧⲉ ⳉⲑⲉϩ ⳉⲑⲉ	NAV TOOL

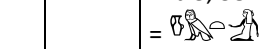
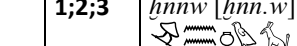
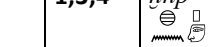
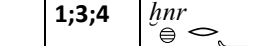
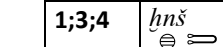
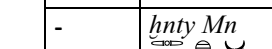
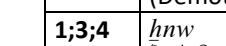
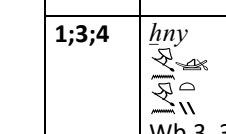
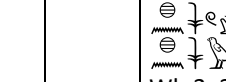
	Wb 3, 342.7 = *ḫ.t ṯw* (Demotic)				*ṯ* = ⲧ *ṯ* = ⲑ *ȝ* = ⲉ
0;2;2	*ḫȝ* Cerný, CED 267 (TLA)	**khA**	path	V. 321 - ? = ⲍⲟ	HAB *ȝ* = ⲟ
0;2;2	*ḫȝ* Wb 3, 219.3-220.2 = *ḫȝ* [as sign] (Demotic)	**khA**	thousand (represents the rhizome, stem and leaf of the lotus)	V. 255 - OK (Pyr) = ⳟⲁ ⳟⲟ ϧⲟ (= ϧ خاي *ḫāy*)	NUM BOT *ḫ* = ⳟ *ȝ* = ⲁ *ȝ* = ⲟ
0;2;2	*ḫȝʿ* [*ḫ*{*ȝʿ*}] Wb 3, 227.3-228.25 = *ḫʿȝ* [*ḫ*{*ʿȝ*}] (Demotic)	**kh{Ã} /** **kh{*â*}**	throw; deposit, leave, abandon; dispatch	V: 71 - OK (Pyr) = ⲭⲟ ⲕⲱ ⲭⲁ ⲕⲁⲁ ⲕⲁ	(v.) {DIA} *ȝʿ* = ⲱ *ȝʿ* = ⲟ *ȝʿ* = ⲁⲁ *ȝʿ* = ⲁ *ḫ* = ⲭ *ḫ* = ⲕ
0;2;2	*ḫȝʿ* [*ḫ*{*ȝʿ*}]  Wb 3, 229.4	**kh{Ã}**	catapult; ballista	V: 71 - ? = ⲭⲁ; see *khȝʿ* 'throw'	TOOL {DIA} *ȝʿ* = ⲁ
1;3;4	*ḫȝb* Wb 3, 361.14	**khAb[*è*]** **['b' accentuated]**	sickle	V. 246 - MK = [*ⲭⲣⲟⲃⲉ] ⲭⲣⲟⲃⲓ	TOOL AGR accent. *ḫ* = ⲭⲣ?
0;3;3	*ḫȝd* Wb 3, 236.11	**khAd[*è*]** **['d' accentuated]**	pluck [feather?]	V. 321 - OK = ⲍⲁⲧⲉ	(v.) accent. *d* = ⲧ
-	*ḫȝn-r* Np Wb?	**khAn-r[o]**	hoarse (make) (French: 'enrouer') [IE = French 'enrouer']	V. 296 - Neo Eg.= ⲍⲱⲱⲗⲉ ⲍⲱⲗ	(v.) *ȝ* = ⲱⲱ *r* = ⲗ
0;3;3	*ḫʿḳ* Wb 3, 365.1-2 = *ḫ̲ʿḳ* (Demotic) = *šʿḳ* (OK court language)	**ħ*a*q[*è*]** **['q' accentuated] /** **sh*a*q[*è*]**	shave	V. 294 - OK (Pyr) = ⲍⲱⲱⲕⲉ ⲍⲱⲱⲕ ϧⲱⲕⲓ ⲍⲱⲕ ⲍⲉⲕⲉ ⲍⲉⲕ ⲍⲟⲟⲕ ⲍⲟⲕ	(v.) accent *ḫ* = *š* *ḫ* = ⲍ *ḫ* = ϧ *ʿ* = ⲱⲱ *ʿ* = ⲟⲟ *ʿ* = ⲟ *ʿ* = ⲉ
0;3;3	*ḫʿr* Wb 3, 244.9 = *ḫʿr* (Demotic)	**kh*a*r[*è*]** **['r' accentuated] / kh[a]r[*è*]**	leather [; skin?]	V. 269 - Ptolemaic = ⲍⲁⲁⲣⲉ ⳟⲁⲁⲣ ⳟⲁⲣ ⳟⲉⲉⲗ also 'skin; purse; parchment; cover'	MAT accent. *ḫ* = ⳟ
1;3;4	*ḫʿr* = ? (NK) 'be in anger' 	**kh*a*r[*è*]** **['r' accentuated] / kh[a]r[*è*]**	defeat (enemy); rage	V. 269 - Ptolemaic = ⳟⲁⲁⲣⲉ ⳟⲁⲣⲉ ⳟⲁⲣⲓ ⳟⲏⲏⲗⲓ	(v.) accent.

	Wb 3, 244.2-7				
0;3;3	*ḫ3rw* [*ḫ3r*] Wb 3, 232.5-6 = *ḫr ḫyr ḫry* (Demotic)	**khAr**	street	V. 307 - Neo Eg. = **ϧⲓⲣ ϩⲓⲣ ϩⲓⲣ** Plur. **ϩⲁⲓⲣ**	HAB *ḫ* = **ϧ** *ḫ* = **ϩ** *ḫ* = **ϩ** *3* = **ⲓ**
0;3;3	*ḫ3w* [*ḫ{3w}*]  = *ḫ{3w}y* (n)  = *ḫ3y* [*ḫ{3y}*] (NK) = *ḫwy* [*ḫ{wy}*] (Ptolemaic) Wb 3, 226.11-19 = *ḫwy* [*ḫ{wy}?*] (Demotic)	**Kh{Au}[è] ['w' accentuated] /** **Kh{Au}ï /** **kh{o}[è] /** **kh[ō][è] /** kh{*ō*}[*è*]?	altar, offering table, tray on pod, table on a single foot	V. 274 - OK (Pyr) = **ϩⲏⲩϵ ⲱⲏⲩϵ ⲱⲏⲟⲩⲓ**	TOOL {DIA} accent. *ḫ* = **ϩ** *ḫ* = **ⲱ** *3w/3y/wy* = **ⲏⲩ** *3w/3y/wy* = **ⲏⲟⲩ** *3* *w* = **ⲩ** *w* = **ⲟⲩ**
1;3;4	*ḫ3w* [*ḫ{3w}*] = [TLA] *ḫ3y* [*ḫ{3y}*] Wb 3, 14.1-3	**[a]ϯ{Au} /** **[a]ϯ{o}**	naked man	V: 23 - OK = **ⲁϩⲏⲟⲩ ⲁϩⲏⲩ**	MAN {DIA} *3w/3y* = **ⲏⲟⲩ** *3w/3y* = **ⲏⲩ**
0;2;2	*ḫ^ʿw* [*ḫ^ʿ.w*] Wb 3, 242.18	**kh*a***	thread bowl? (French: pelote?); conditioning or measure for thread	V. 253 - ? = **ⲱⲁ**	TOOL *ḫ* = **ⲱ**
1;3;4	*ḫ3w.t* [*ḫ{3w}t*] Wb 3, 226.9-10	**kh{Au}t**	trance (be in); extasy oneself = *ḫyt* 'trance' (n.), but also 'anger; malediction' (Demotic)	V. 259 - Neo Eg. = **ⲱⲟⲉⲓⲧ** [metathesis]	(v.) {DIA} *{3w}* = **ⲟⲉⲓ** t pronounced
0;4;4	*ḫ3ḫ3* = *ḫyḫy* Wb 3, 233.17 = *šš* (Demotic)	**khAkhA /** **khïkhï /** **sh[ô]sh or more probably sh[o]sh**	winnow	V. 275 - OK = **ϩⲱϩ ⲱⲱⲱ ⲱⲉⲱ**	(v.) ONO *3* = **ⲱ** *3* = **ⲉ** *3* = [] *3* ⇔ *y*
1;2;3	*ḫ3y* [*ḫ{3y}*] Wb 3, 224.13-14	**kh{o}**	pot (of milk in metal)	V. 258 - Late = **ⲱⲓⲟ** [metathesis?]	TOOL {DIA} *ḫ* = **ⲱ** *3y* = **ⲓⲟ**
0;2;2	*ḫ^ʿy* [*ḫ{3y}*] TLA DZA 26.487.640 Wb 3, 13.13-18	**ϯ{o} /**	undress [bare]; naked (to be)	V: 23 & 317 - OK = **ⲁϩⲏⲟⲩ ⲁϩⲏⲩ**	(v.) {DIA} *3y/3w* = **ⲏⲟⲩ** = **ⲏⲩ**

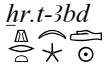
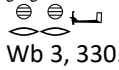
	= *ḥ{ȝw}* = *ḫ{ȝww}*  (Late Period)	**Ḥ{Au}/** [*e*]HAw?			
0;2;2	*ḥȝy* [*ḥ{ȝy}*] Dyn 18 TLA DZA 27.601.130 Wb 3.223.4-16 = *ḫȝy ḥꜥ ḫy* (Demotic)	**Kh{o} /** **Kh{o} kha**	measure; weigh	V. 255 - OK = ϩⲉⲓ ⲱⲓ ϩⲓ	(v.) {DIA} accent = *ḥ* = ⲱ *ȝy* = ⲉⲓ ⲓ *ȝ* ⇔ *ꜥ* ⇔ *y*
0;2;2	*ḥꜥy* [*ḥ{ꜥy{*] 	**kh{õ}** /	rise; appear in glory; shining (to be), show; feast (n.) [lit. 'raise' of the divinity; IE = English '**rai**se'?]	V. 253 - OK = ϩⲁⲉ ⲱⲁⲓ (TLA) ⲱⲁ also 'shine'	(v.) {DIA} *ḥ* = ⲱ *ꜥy* = ⲁⲉ *ꜥy* = ⲁⲓ
0;4;4	*ḫȝy.t-y* [*ḫ{ȝy}ti*] = *ḫȝy.t* [*ḫ{ȝy}.t*] Wb 2, 476.4-11 = *ḫy.t* (Demotic)	**kh{o}{tè} /** **kh{o}t**	entrance, portico, portal	V. 293 - Neo Eg. = ϩⲁⲓⲉⲓⲧ ϩⲁⲉⲓⲧ ϩⲁⲓⲧ ϩⲉⲉⲓⲧ ϩⲏⲉⲓⲧ	HAB {DIA} accent *ȝy* = ⲁⲓ *ti* = ⲧ
0;3;3	*ḫȝyb.t* [*ḫ{ȝy}b.t*] Wb 3, 225.1-7 = *ḫyb.t* (Demotic) = *ḫȝbws* 	**kh{o}b[è] /** **khAb{[ô]w}s**	shadow	V. 291 - NK (XIX) = ϩⲟⲓⲃⲉⲥ ϩⲁⲉⲓⲃⲉⲥ ϩⲁⲉⲓⲃⲉ ϸⲉⲓⲃⲓ ϸⲉⲃⲓ	MAT {DIA} accent. *ḥ* = ϩ *ȝy* = ⲟⲓ *ȝy* = ⲁⲉⲓ *ȝy* = ⲉⲓ *ȝy* = ⲉ *s* = []
0;4;4	*ḫbȝyr* [*ḫb{ȝy}r*] Wb 3, 254.9-10 = *ḫbr* 'friend; comrade' (Demotic)	**khb{o}r**	comrade? commercial relation	V. 257 - Neo Eg. = *ϩⲃⲱⲣ ⲱⲃⲉⲣ ⲱⲫⲉⲣ ϩⲃⲉⲣ ⲱⲃⲏⲁ	TIT foreign {DIA} *ȝy* = ⲱ *ȝy* = ⲉ *b* = ⲫ
1;3;4	*ḫbs* = *ḫȝbsȝ*  Wb 3, 230.3 = *ḫbs* (Demotic)	**kh[é]bs /** **khAbsA**	lamp	V. 290 - Neo Eg. = ϩⲏⲃⲥ ϸⲏⲃⲥ ϩⲏⲃⲥ	TOOL accent = t *ḥ* = ϩ *ḫ* = ϩ [é] ⇔ *ȝ*
1;4;5	*ḫbḫb*	**kh[ô]bkh[è]b**	cut or derivate meanings]: kill;	V. 258 - NK =	(v.)

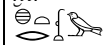
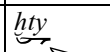
	 Wb 3, 255.7-8 = *ḫbḫb* (Demotic)	**['b' accentuated]**	crush, slay (an enemy); enter (a door - semantic shift?)	ⲯⲟⲃⲯⲉⲃ ⲯⲟⲡⲯⲉⲡ. Duplication of 'cut; erase'	accent. *ḫ* = **ⲯ** *b* = **ⲡ**
1;2;3	*ḫby* [*ḫb*] Wb 3, 251.3-19 = *ḫb* (Demotic)	**kh[ô]b**	diminish	V. 256 - OK (Pyr) = ⲯⲱⲃ ⲯⲟⲃ ⲯⲉⲡ ⲯⲃ	(v.) *ḫ* = **ⲯ**
1;3;4	*ḫḏw* [*ḫḏ.w*] Wb 3, 355.19	**kh[è]dj[è]** **['dj' accentuated]**	eel? kind of fish	V. 320 - OK = ⲉⲭⲉ	ZOO accent. *ḫ* = **ⲉ**
1;3;4	*ḫfȝ* Wb 3, 272.16-273.6	**kh[ô]fA**	fist	V. 320 - OK = ⲉⲱⲉⲫ ⲉⲱⲉⲃ 'hand' (as measuring unit)	BOD *ḫ* = **ⲉ**
1;3;4	*ḫfȝ* [*ḫfꜥ*] Wb 3, 272.1-15	**kh[ô]f*a***	grab	V. 320 - OK (Pyr) = Related to ⲉⲱⲉⲫ ⲉⲱⲉⲃ 'hand' (as measuring unit)	(v.)
1;4;5	*ḫfti* = *ḫft* = *ḫfti* = *ḫftȝ* = *ḫft-y* [*ḫft.y*] Wb 3, 276.12-277.5 = *ḫft*(Demotic)	**kh[a]ftæ /** **kh[a]ft[*è*?] /** **kh[a]ft{è} /** **kh[a]ftA /** **kh[a]ftï**	enemy, opponent	V. 277 - OK (Pyr) = ⲉⲉⲫⲧ ⲯⲗⲫⲧ 'criminal; sinner' [semantic shift?]	ABS accent *ḫ* = **ⲯ** *i* ⇔ [*è*?] ⇔*ti* ⇔ *ȝ* ⇔ *y*
1;3;4	*ḫkr* Wb 3, 401.2-5 = *ḫk ḫꜥk* (Demotic)	**Ħ[ô]kr /** **Ħ[ô]k Ħ*a*k**	ornated (be; French: 'être paré')	V. 294 - OK (Pyr) = ⲉⲱⲟⲕ ⲫⲟⲕ ⲉⲉⲕ ⲫⲉⲕ	(v.) *ḫ* = **ⲉ** *ḫ* = **ⲫ** [ô] = **ⲱⲱ** *r* = [] [ô] ⇔ *a*
1;3;4	*ḫl*	**kh[ô]l**	rob, pillage [IE = English: 'rob']	V. 260 - (Demotic) = ⲉⲱⲗ ⲯⲱⲗ ⲯⲉⲗ ⲯⲗ ⲯⲟⲗ	(v.) *ḫ* = **ⲯ** *ḫ* = **ⲉ** *l* = []
1;3;4	*ḫlꜥȝ* [*ḫl*{ꜥȝ}]	**Ħ[è]l{*â*}**	old boy [in the sense of 'old man']	V. 297 - (Demotic) = ⲉⲗⲗⲟ ⲫⲉⲗⲗⲟ 'old man' (French: vieillard'	MAN {DIA} ꜥȝ = **ⲟ** *ḫ* = **ⲫ**
0;4;4	*ḫlt* [*ḫȝrt / ḫȝlt*] Wb 3, 232.17 = *ḫlt* (Demotic)	**khArtch /** **kh[*è*]l[o]t** **['è' accentuated]**	canal? (water area of some kind)	V. 282 - Ptolemaic = ⲫⲉⲗⲗⲟⲧ	LAND foreign? **[*è*]** = *ȝ* *t* = **ⲧ**
1;5;6	*ḫlybš*	**Ħ[a]libsh[*è*]** **['sh' accentuated]**	armour	V. 293 - (Demotic) = ⲉⲗⲗⲃⲯⲉ ⲫⲉⲗⲓⲃⲯ ⲫⲉⲗⲗⲓⲃⲯ ⲫⲉⲗⲉⲃⲯ	TOOL accent. foreign? *ḫ* = **ⲫ**

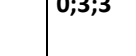
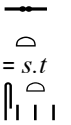
1;3;4	*ḥm* = MK Wb 3, 280.15	**Kh[é]m**	Letopolis	V: 33 - OK (Pyr) = ⲯⲙⲙ in ⲃⲟⲩⲯⲙⲙ	LOC *ḫ* = ⲯ
1;3;4	*ḫmn* [*ḫmn.t*]  = Wb 3, 282.10-11	**khm[ô]n /** **khm[ô]n[*è*]** **['n' accentuated]**	eight	V. 264 - OK (Pyr) = ⲉⲙⲟⲩⲛ ⲯⲙⲟⲩⲛ ⲯⲙⲟⲩⲛⲉ ⲯⲙⲙⲙ	NUM8 accent. *ḫ* = ⲉ *ḫ* = ⲯ
-	*ḫmnw* [*ḫmn-nw*]  Wb 3, 283.3 = *ḫmny* 	**Khm[ô]n-{n[ô]} /** **Khm[ô]nï**	Hermopolis [lit. 'Hermo + polis' = El Achmounein, i.e. 'Achmou + ein', i.e '[The] Eight's town']	V. 264 - NK = [*ⲉⲙⲟⲩⲛ] ⲯⲙⲟⲩⲛ	LOC *ḫ* = ⲯ *y* = []
1;3;4	*ḫms* = *ḫms* (Ptol.)  Wb 3, 367.5-6 = *ḥms* (Demotic)	**Ħ[é]ms /** **Ħ[*é*]ms /** **kh[*è*]ms**	spikelet of wheat	V. 302 - Neo Eg. = ⲉⲏⲙⲥ ⲉⲙⲥ ϧⲉⲙⲥ	BOT *ḫ* = ϧ *ḫ* ⇔ *ḥ*
1;3;4	*ḫmt*  Wb 3, 283.8-12	**kh[ô]mt kh[ô]mt[*è*]** **['t' accentuated]**	three	V. 264 - OK (Pyr) = ⲉⲁⲙⲛⲧ ⲉⲁⲙⲛⲧⲉ ⲯⲟⲙⲧ ⲯⲟⲙⲧⲉ ⲯⲟⲙϯ	NUM3 accent. *ḫ* = ⲉ *ḫ* = ⲯ [ô] = ⲟ [ô] = ⲁ
1;4;5	*ḫmḫm*  Wb 3 283.7	kh[ô]mkh[*è*]m ['*è*' accentuated]	crush? [in the preparation of the fruits of Christ's Thorn (*Ziziphus spina-Christi* = *nbs*)]	V. 283 - OK = ϧⲟⲙϧⲉⲙ ϧⲉⲙϧⲟⲙ	(v.) accent.
1;2;3	*ḫn* = *ḫn* (NK)  Wb 3, 373.9-18	**Ħ[ô]n /** **H{n[ô]}**	come close, near, approach	V. 226 - MK = ⲉⲟⲛ. Extrapolated also from ⲧⲉⲛⲟ ⲧⲉⲛⲟ 'cause to come close'.	(v.)
1;3;4	*ḫnd*  Wb 3, 312.16-313.20	**kh[ô]nd**	enter; walk in	V. 306 - OK = ⲉⲱⲛⲧ ϧⲱⲛⲧ ⲉⲛⲧ ⲉⲉⲛⲧ 'approach, near' [semantic shift]	(v.) *d* = ⲧ *ḫ* = ϧ
1;3;4	*ḫnd.w*  = *ḫndy*  Cerný, CED 246 (TLA)	**sh[ô]nd /** **sh[ô]ndï**	weave; plait, twine, entwine	V. 267 - Neo Eg.? = ⲯⲱⲛⲧ	(v.) *ḫ* = ⲯ *y* = []
2;3;5	*ḫnfy*	**kh[a]n[oo]fï**	Nile carp? (*Barbus bynni*) Arab: 'bunni'.	V: 84 - (Demotic) = ⲕⲁⲛⲟⲩⲫⲓ	ZOO foreign? [oo] *y* = ⲓ
1;3;4	*ḫnm* 	**kh[ô]n[*è*]m**	smell, inhale, breath (a pleasant smell); 'smell' (n.)	V. 260 - MK = ⲯⲱⲙ̄ ⲯⲟⲗⲉⲙ	(v.) accent

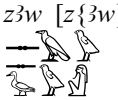
	Wb 3, 292.4-9	**['n' accentuated]?**	[French: 'odorat']		*n* = ⲗ
1;3;4	*ḫnm.t* Wb 3, 382.10-15	**kh[a]nm[*è*]** **['m' accentuated]**	source (of spring)]; well	V. 298 - MK = ϩⲗⲙⲉ	ENV accent. *ḫ* = ϩ *n* = ⲗ
1;3;4	*ḫnm.t* (Ptol.) Wb 3, 381.8-11 = 	khnm[*è*] ['m' accentuated]	nurse [French 'nourrice']; Isis/Hathor [lit. '[the] Nursing/Suckling One]	V. 246 - NK = [*ϫⲉⲛⲙⲉ *ϫⲉⲗⲙⲉ]. Related to ϫⲉⲗⲙⲓ 'nipple'	PRO accent fem. *ḫ* = ϫ
1;2;3	*ḫnnw* [*ḫnn.w*]  Wb 3, 383.4-9 = *ḫnn* = *ḫnn* (Demotic)	**kh[ô]n[*è*]** **['n' accentuated]**	disturb [; quarrel?]	V. 283 & 303 - OK = ϸⲉⲛⲓ 'also: argue; fight' [semantic shift/]	(v.) [ô] = ⲉ accent. duplic.
1;3;4	*ḫnp*  Wb 3, 290.18-291.1	**khn[ô]p**	breath [life into]; breath (air)	V. 321 - NK = ϩⲛⲟⲟⲫ 'conceive'	(v.) [ô] = ⲟⲟ *p* = ⲫ
1;3;4	*ḫnr*  Wb 3, 298.7 = *ḫl* 'canine'(Demotic)	**kh[a]nr / kh[a]l**	tooth (of lion) [; canine?] [IE = French: 'canine']	V. 260 - Neo Eg. = ϩⲗⲗ ⲱⲟⲗ 'defence (of animal); 'molar / canine?'	ZOOP *ḫ* = ⲱ *r* = ⲗ
1;3;4	*ḫnš*  Wb 3, 301.1-3 = *ḫnš* (Demotic)	**kh[ô]nsh**	stink	V. 267 - NK (Dyn. XVIII) = ⲱⲟⲛⲱ ϩⲛⲁⲱ ⲱⲛⲁⲱ ⲱⲁⲛⲱ ⲱⲛⲉⲱⲧ	(v.) *ḫ* = ⲱ
-	*ḫnty Mn*  No Wb? = *ḫnty Mn* (Demotic)	**Khntï-M[i]n**	Akhmin	V. 264 - ? = ϫⲙⲓⲛ ⲱⲙⲓⲛ	LOC *ḫ* = ⲱ
1;3;4	*ḫnw*  Wb 3, 368.17-369.15	**Ḥ{n[ô]}**	interior, inside (of temple, palace, body, etc...; French: 'intérieur') [IE = English: 'inside'?]	V. 303 - OK (Pyr) = ϩⲟⲩⲛ ϸⲟⲩⲛ ϩⲟⲩⲛ [metathesis]	PREP *ḫ* = ϩ *ḫ* = ϸ *ḫ* = ϩ [ô] = ⲟⲩ
1;3;4	*ḫny*  Wb 3, 374.1 - 375.4 = *ḫn* (Demotic)	**Ḥ[i]n[*è*] ['n' accentuated] / Ḥ[i]nï**	row; navigate	V. 304 - OK = ϩⲓⲛⲉ	(v.) NAV accent.
1;3;4	*ḫnzw* [*ḫnz.w*] Wb 1, 299.22 = *ḫnsw*[*ḫns.w*]  Wb 3, 300.13	**Kh[ô]nz /** **Kh[ô]ns**	Khons	V. 167 - OK = Extrapolated from ⲡⲁϫⲟⲛⲥ ⲡⲁⲱⲟⲛⲥ 'Pakhon' = *P3 n ḫnsw* The [one] of Khonsu	GOD *ḫ* = ⲱ *z* = ⲥ

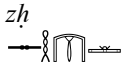
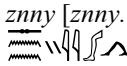
0;3;3	*ḥp3* Wb 3, 365.14-16 = *ḥlpy* (Demotic)	**Ⱨ[è]pA / Ⱨlpï**	navel, belly button, (French: 'nombril')	V. 298 - OK = ⲉⲗⲡⲉ ⲫⲉⲗⲡⲓ	BOD *3* = ⲉ
1;3;4	*ḥpr* Wb 3, 260.7-264.15	**kh[ô]p[è]r ['p' accentuated]**	happen, become, come into being, take birth, occur [IE = English 'happen']	V. 268 - OK? = ⲉⲱⲡⲉ ⲱⲱⲡⲉ	(v.) accent *ḥ* = ⲱ r = []
1;3;4	*ḥpr.t* Wb 3, 263.2 = *ḥpry* (Demotic)	**khp[é]r[è] ['r' accentuated] /** **khp[é]rï**	event [;astonishing thing; miracle [lit. 'happening']	V. 268 - OK (Pyr) = ⲉⲡⲏⲣⲉ ⲱⲡⲏⲣⲉ ⲱⲫⲏⲣⲓ	ABS accent. *ḥ* = ⲉ *ḥ* = ⲱ
1;3;4	*ḥpš* Wb 3, 268.4-8 = *ḥpš* (MK) 'arm' [semantic shift?] = *ḥpš* 'foreleg, arm' (Demotic)	**kh[ô]psh**	leg (front), foreleg [; arm?; member [French: 'membre'?]]; 'The Great Bear' [constellation]	V. 269 - OK = ⲉⲱⲡⲱ ⲱⲱⲡⲱ ⲱⲱⲃⲱ	BOD ASTR *ḥ* = ⲱ
1;2;3	*ḥr* Wb 3, 386.1-388	**Ⱨ[a]r**	under	V. 282 - ? = Extrapolated from ϧⲁⲣⲟⲩ 'under him' =	PREP *ḥ* = ϧ
1;2;3	*ḥr* = *ḥri* = *irḥ* [metathesis?] = *rḥ* Wb 3, 315.9-12	**kh[a]r /** **kh[a]ræ /** **ær[a]kh [metathesis] /** **r[a]kh [metathesis]**	at; from; to; under (the reign of)	V. 284 - OK (Pyr) = ⲉⲁⲣⲟ ⲉⲁ	PREP *r* = []
1;3;4	*ḥr* Wb 3, 319-321.5	**kh[ô]r**	fall	V. 246 - OK (Pyr) = ⲭⲱⲣ ⲭⲉⲣ	(v.)
1;2;3	*ḥr* Wb 3, 319-321.5	**kh[ô]r**	fall, make = make to fall [; destroy?]	V. 283 - OK (Pyr) = ϧⲱⲣ ϧⲉⲣ ⲉⲉⲣ	(v.)
0;4;4	*ḥr n* [*ḥrn3*] Cerný, CED 245 = *ḥr-jn* (*tL3*)	**khrnA**	or (German: oder)	V. 265 - ? = ⲉⲛ ⲱⲁⲛ [metathesis?]	ADV *ḥ* = ⲉ *r* = ⲛ
0;4;4	*ḥr ʿ3* [*ḥr*[*w*]{*ʿ3*}]	**kh[è]rw{*â*}**	big voice; boastfulness	V. 311 - (Demotic) = ϧⲉⲣⲟⲩⲱ ⲉⲣⲟⲩⲟ ⲉⲣⲟⲩⲟ	ABS {DIA} foreign? *ḥ* = ϧ *ḥ* = ⲉ *ḥ* =ⲉ *ʿ3* = ⲟ *ʿ3* = ⲱ
0;2;2	*ḥr.t* Wb 3, 390.5-391.20	**Ⱨr[è]** **['r' accentuated]**	need; food	V. 307 - OK = ⲉⲣⲉ ϧⲣⲉ Plur. ⲉⲣⲏⲩⲉ ϧⲣⲏⲟⲩⲓ	ABS accent *ḥ* = ⲉ

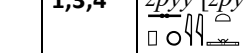
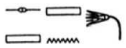
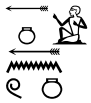
	= *ḫr.t* (Demotic)				*ḫ* = ϧ
-	*ḫr.t-ȝbd*  Wb 3, 391.17	**Ḥr-Ab[ô]d**	monthly need [lit. need [of] month]	V. 307 - OK = ⲉⲣⲉⲃⲟⲧ ⲉⲁⲣⲁⲁⲃⲟⲧ 'every month' [slight semantic shift]	ABS *ḫ* = ⲉ *ȝ* = ⲁⲁ *ȝ* = ⲉ *d* = ⲧ
0;3;3	*ḫrb* Wb 3, 396.8 = *ḫpr.w* Wb 3, 265.20-266.17 [TLA]	**Ḥ[è]r[è]b ['Ḥ' and 'r' accentuated]**	transformation	V. 308 - Ptol. = ϧⲉⲣⲉⲃ ⲭⲉⲣⲉⲃ ⲉⲣⲃ	ABS *ḫ* = ϧ *ḫ* = ⲭ *ḫ* = ⲉ
1;3;4	*ḫrp* Wb 3, 328.2-19	**kh[a]rp**	director, master	V. 270 - OK (Pyr) = ⲉⲁⲣⲡ	TIT
1;3;4	*ḫrp* Wb 3, 328.1 = *ḫrp* (Demotic)	**kh[ô]rp**	wake up (the morning)	V. 270 - Late P. = ⲉⲱⲣⲡ ⲱⲱⲣⲡ ⲱⲱⲗⲡ	(v.) *ḫ* = ⲉ *ḫ* =ⲱ *r* = ⲗ
1;3;4	*ḫrš* [*ḫrš.t*] Wb 3, 330.10-11 = *ḫrš* 'pack' [, bundle] (Demotic)	**khr[a]sh**	bundle (of arrows) [; pack]	V. 270 - MK = ⲱⲣⲁⲱ 'sheaf' [French: 'gerbe']	TOOL
1;3;4	*ḫrw* Wb 3, 324.7-325.11 = *ḫrw* (Demotic)	**Ḥr{[ô]w} /** **khr{[ô]w}**	voice; noise	V. 310 - OK (Pyr) = ϧⲣⲱⲟⲩ ⲉⲣⲁⲩ ⲉⲣⲟⲟⲩ	ABS *w* = ⲱⲟⲩ *w* = ⲁⲩ *w* = ⲟⲟⲩ
1;3;4	*ḫrḫr*  Wb 3, 330.7 = *ḫrḫr* (Demotic)	**kh[ô]khr[è] ['r' accentuated]**	overturn, upset	V. 270 - Neo Eg. = ⲱⲱⲣⲱⲣ ⲱⲟⲣⲱⲣ ⲉⲁⲣⲉⲣⲉ	(v.) accent. *ḫ* = ⲉ *ḫ* = ⲱ
1;3;4	*ḫry* Wb 3, 388.16-390.4 = *ḫry* (Demotic)	**Ḥr[a]ï**	inferior	V. 309 - Neo Eg. = ⲉⲣⲁⲓ ϧⲣⲏⲓ ⲉⲁⲏⲓ 'inferior (part)'	ADJ {DIA?} *ḫ* = ⲉ *ḫ* = ϧ *r* = ⲗ
1;3;4	*ḫryy* [*ḫry*] Wb 3, 323.21 = *ḫl* (Demotic)	**kh[æ]rï / kh[a]l**	myrrh of some kind	V. 260 - Late P. = ϧⲉⲗ ⲱⲁⲗ ⲉⲉⲗ (TLA)	BOT *ḫ* = ϧ *r* = ⲗ
1;3;4	*ḫšb* [*ḫšb.w*] Wb 3, 339.6	**kh[ô]shb**	mutilate, cut (nose)	V. 319 - Neo Eg. = ⲉⲟⲱⲫ ⲉⲟⲱⲫ	(v.) *ḫ* = ⲉ *b* = ⲫ
1;3;4	*ḫtm* Wb 3, 350-352.3 = *ḫtm* (Demotic)	**kh[ô]tm[è] /** **kh[ô]t[è]m ['t' accentuated]**	close; seal [; shut] [IE = English 'shut']	V. 272 - OK (Pyr) = ⲉⲱⲧⲙⲉ ⲱⲱⲧⲉⲙ ⲱⲱⲧⲙ	(v.) accent. *ḫ* = ⲱ
1;3;4	*ḫtm*	**kht[ô]m**	lock; key hole [lit. 'shutter']	V. 272 - MK = ⲱⲧⲟⲙ	TOOL

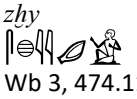
	Wb 3, 352.6-8 = ? *ḫtm* 'wall enclosure' [semantic shift?] (Demotic)			ϫⲑⲟⲙ	*ḫ* = **ϫ** *t* = **ⲑ**
0;6;6	*ḫtn* [*ḫytn*ȝ] Wb 3, 354.7	**khïtchAnA**	Vegetable indet.	V. 278	BOT foreign?
1;3;4	*ḫtr*  Wb 3, 353.11	**kht[ô]r**	trouble? (meaning unknown)	V. 273 - MK = Related or equal to ⲭⲧⲁⲣⲧⲣⲉ ϫⲧⲁⲗⲧⲉⲗ ϫⲧⲟⲣⲧⲣ ϫⲑⲟⲣⲧⲉⲣ 'trouble, derange, press, be excited'	(v.) *ḫ* = **ϫ**
1;3;4	*ḫty*  Wb 3, 347.16-348.12 = *štšt* (Demotic)	**kh[ô]tï / sh[o]tsh[è]t ['sh' accentuated]**	carve, engrave; incise	V. 273 - MK = ϫⲟⲧϫⲧ ϫⲟⲧϫⲉⲧ ϫⲉⲧϫⲱⲧ [latter metathesis]	(v.) accent.
1;2;3	*ḫw* Wb 3, 221.1-7	kh[ô]w	fragrant flowers or herbs [rather: 'plants']	V. 274 - NK (Dyn. XVIII) = Related to fragrant substances (for the preparation of Kyphi) and ⲭⲁϒ ϫⲟⲟϒ 'perfume, incense'.	BOT
1;2;3	*ḫw* Wb 3, 221.8-9 = *ḫwy* 'incense' [rather 'scented material'] (Demotic)	**kh[ô]w /** **kh[o]wï**	fragrant substances (for the preparation of Kyphi) [; scented material]	V. 274 - Ptolemaic = ϫⲟⲟϒ ⲭⲁϒ 'perfume, incense'. Related to *ḫw*	MAT *ḫ* = **ϫ** *w* = **ⲟⲟϒ**
1;2;3	*ḫḥ* Wb 3, 331.3-10 = *ḫḥ ḫḥi* (Demotic)	**kh[a]kh /** **kh[a]khæ**	neck, throat [IE = Armenian կոկորդ '**go**g**g**ort, French: '**g**or**g**e']	V. 283 & 320 - OK (Pyr) = ϧⲁϧ	BODY
1;2;3	*ḫy* Wb 3, 237.7-19 = *ḫy ḫʿiy* (Demotic) = *šy*	**kh[a]ï** / kh{o}ï? / **sh[a]ï**	high; high (be); go up	V. 259 - NK = ϫⲓⲁⲓ	(v.) *ḫ* = **ϫ**
0;2;2	*ḫy*	**kh[è]ï**	Sunlight = *? ḫ.t* 'fire; flamme'	V. 282 - (Demotic) = ϧⲉⲓ	ASTR
0;2;2	*ḫy* Wb 3, 238.14	khï	how?	V. 259 - Neo Eg. = ?	ADV
0;3;3	*ḫy.t* Wb 3, 238.3-5	**khï**	sky; roof; temple?	V. 258 - Ptol. = ϫⲏⲓ	HAB *ḫ* = **ϫ**
0;3;3	*ḫyḫ*	**khïkh**	dust	V. 321 - (Demotic) =	MAT

				extrapolated from ⲍⲍⲧⲱⲣⲯ 'rust' [lit. dust of red']	
1;4;5	*ḫyḫy* Wb 3, 331.12	**kh[ô]ïkhï**	equalize; make equal; make correspond	V. 275 - NK = ⲍⲱⲍ ⲯⲱⲯ	(v.) *ḫ* = ⲍ *ḫ* = ⲯ *y* = []
1;2;3	*y'.t yt.t* = *i3d.t* Wb 1, 36, 1-7	**y[ô]t[*è*] /** **{ä][ô]d[*è*] ['t' and 'd' accentuated]**	dew; divine dew; divine force	V: 68 - (Demotic) = ⲓⲱϯ ⲉⲓⲱⲧⲉ	ENV accent. {DIA} *i3* = ⲉⲓ
-	*y3 iḫ* Wb 1, 25.9	**yA-ækh?** [yAkh if contracted?]	what?	See each two words separately	PRON
0;3;3	*yꜥm*  = *ywmꜥ* Wb 1, 78.11	**ï{*a*m} [pronounced 'ey*a*m']/** ï{[ô]w}{mæ}?	sea	V: 63 - NK = ⲓⲁⲙ ⲓⲟⲙ ⲉⲓⲟⲙ	ENV schwa? *y* = ⲓ
1;2;3	*yr y'r* = *irw* [*ir.w*] = *itrw* [*itr.w*] Wb 1, 146, 10	**y[ô]r[*è*] /** **y*a*r[*è*] /** **æt[ô]r[*è*]** **['r' accentuated]**	river [IE = English 'river']	V: 66 - (Demotic) = ⲓⲱⲱⲣⲉ ⲓⲟⲟⲣⲉ ⲓⲟⲣ ⲓⲁⲁⲣ ⲉⲓⲟⲟⲣ	ENV accent. *t* = []
1;3;4	*yrr* [*irr*] Cerný, CED 46	**æ[*e*]r[*è*]r**	shine	V: 62 - ? = ⲉⲓⲉⲗⲉⲗ ⲓⲉⲗⲉⲗ ⲉⲓⲉⲗⲉⲓⲉⲗ [ⲓⲉⲗⲗⲉ ⲓⲉⲗⲗⲓ ⲓⲏⲗⲗⲓ = 'light' French 'clarté']	(v.) schwa *i* = ⲉⲓ *r* = ⲗ
0;1;1	*z* [*zi*] Wb 3, 404.6-406.10	**z[è] /** **zæ**	man	V. 180 - OK = ⲥⲁ 'man [excercising a trade], as found in many compound words (see V. 180).	MAN *z* = ⲥ
0;1;1	*z.t*  = *s.t* Wb 4, 325.4-10	**z[*è*] /** **s[*è*] ['s' accentuated]**	They, them (Prefix Pron. fem. and masc. = French: 'ils', 'elles') [IE = English '**the**y']	V. 182 - MK = ⲥⲉ–	PRON accent
0;3;3	*z.t* [*zt*] Wb 3, 406.13-407.8	**zæt**	woman	V. 180 - OK (Pyr) = Related to ⲥⲁ 'man [exercising a trade], as found in many compound words (see V. 180).	MAN t = not silent
1;2;3	*z3* Wb 3, 414.9-415	**[a]zA**	protection	V: 16 - Pyr = ⲁⲥⲟ [metathesis?]	ABS *z* = ⲥ *3* = ⲟ
0;2;2	*z3* Wb 3, 408.1-409.14 = *s3* (Demotic)	**zA /** **sA**	son	V. 182 - OK (Pyr) = [*ⲥⲉ] ⲥⲓ. Also shifted as ⲯⲉ as in ⲯⲉⲛⲟⲩⲧⲉ 'son of God' = Shenouda or	FAM

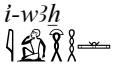
				ⲱⲉⲛⲉⲧⲟⲙ 'son of Atum' = Chenetom (V. 267). See also *šr*.	
0;3;3	*z3.t* [*z3t*] Wb 3, 411.9-412.7 = *s3.t* [*s3t*] (Demotic)	**zAt /** **sAt**	daughter	V. 182 - OK (Pyr) = Related to ⲥⲓ 'son'	FAM
1;3;4	*z3t* [*z3t.w*] = *s3t3* (NK - Dyn. XX) Wb 3, 423.7-424.12 = *3st* (Demotic)	**[è]zAtch /** **[è]zAtA/** **Ast**	land, soil, ground, floor, earth	V: 47 - MK = ϵⲭⲏ	LAND schwa *z* = ⲥ *3* = ⲏ *t* = ⲧ
1;2;3	*z3w* [*z{3w}*]  (Pyr.) Wb 3, 416.12-417.	**[a]s{Au}**	protect, guard	V: 16 -OK (Pyr) = ⲁⲥⲟ	(v.) {DIA} *{3w}* = ⲟ
1;3;4	*z3w* [*z{3w}*] = *s{3w}* [*s3.w*] = *s3yy* (*s{3y}*) (XIX) Wb 3, 419.14-17	**z{Au} /** **s{Au} /** **s{ô}**	beam, baulk	V. 185 - MK = *ⲥⲁⲩ ⲥⲟⲓ	TOOL {DIA} *3y* = ⲟⲓ
0;2;2	*z{3w}* [*z3.w*] = *s{3w* Wb 3, 420.1	**z{Au} /** **s{Au}**	Sais	V. 182 - Late? = ⲥⲁⲓ ⲥⲁ	LOC {DIA} *{3w}* = ⲁⲓ
1;2;3	*zb* Wb 3, 432.14-16 = *sb* (Demotic)	**z[i]b /** **s[i]b**	lice; flee	V. 183 - MK = ⲥⲓⲃ ⲥⲓⲡ	ZOO *b* = ⲡ
0;3;3	*zbn* = *sbn* MK TLA DZA 28.595.380 & Wb 3, 433.7-16	**zbn /** **sbn**	fall (to make), slide; steer (a ship) of course;	V. 184 - OK = [*ⲥⲃⲛⲧⲉ] ⲥⲃⲗⲧⲉ ⲥⲗⲃⲧⲉ [metast.]	(v.) *n* = ⲗ
1;2;3	*zf* Wb 3, 442.11-12	z[ô]f	cut up, slaughter, throat cut	V. 204 - OK = Related to ⲥⲏⲫⲉ ⲥⲏⲫⲓ 'knife, sword'	(v.)
1;3;4	*zft* Wb 3, 443.15-24	z[ô]ftch	cut throat, throat cut, slaughter, make a scrifice	V. 204 - OK = Related to ⲥⲏⲫⲉ ⲥⲏⲫⲓ 'knife, sword'	(v.)
1;2;3	*zft* [*zf.t*] Wb 3, 442.7-10	**z[é]f[è]**	knife, sword [lit. 'cutter'?]	V. 204 - MK = ⲥⲏⲫⲉ ⲥⲏⲫⲓ	TOOL *z* = ⲥ

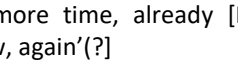
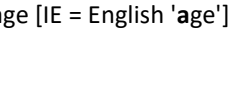
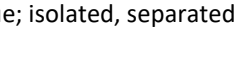
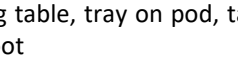
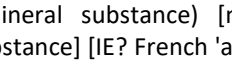
	= *sfy* (Demotic)				
1;2;3	*zḥ*  = *sḥ* Wb 3, 464.3-21	**z[ô]H /** **s[ô]H**	room, tent (where counsellors meet), booth	V. 204 - OK (Pyr) = ⲍⲱϩ	HAB
1;3;4	*zḥm* = *sḥm* Wb 4, 215.9-20	**z[ô]hm /** **s[ô]hm**	pound	V. 206 - OK = ⲥⲱϩⲙ ⲥⲁϩⲙ	(v.)
1;2;3	*zn.t* Wb 3, 458.3	**z[i]n[*è*] ['n' accentuated]**	blade of plough (French: 'soc')	V. 190 - Ptolemaic = ⲥⲓⲛⲉ ⲥⲏⲛⲓ	TOOL AGR accent. *z* = ⲍ
1;3;4	*znf* *Wb 3, 459.2-14* = *snf* (Demotic)	**zn[ô]f /** **sn[ô]f**	blood [IE = English 'bl**oo**d'?]	V. 193 - OK = ⲥⲛⲱⲱⲫ ⲥⲛⲱⲫ ⲥⲛⲟⲫ	BOD [ō] = ⲱⲱ [ô] = ⲟ
1;4;5	*znḥm* Wb 3, 461.6-8 = *znḥm.w* = *s3nḥm* (N.E) 	**z[a]n[*è*]Hm /** **sAn[è]Hm** **['n' accentuated]**	locust, grasshopper	V. 191 - OK = ⲥⲁⲛⲛⲉϩ [V. points out that the double ⲛ is unexplained, but this is in fact another case of accentuation by duplication]	ZOO accent. *z* = ⲍ [a] = *ȝ* *ḥ* = ϩ *m* = []
0;3;3	*znny* [*znny.ii*]  = *zny*{*iw*} (NK - Dyn. 19) Wb 3, 454.14-456.13	**zn[*è*]ï** **['n' accentuated by duplication] /** zn[*è*]ï{è}?	Jump	V. 191 - OK (Pyr.) = ⲥⲛϩⲉⲓⲛⲓ ⲥⲓⲛⲉ ⲥⲛⲁⲉⲓⲛ	(v.) {DIA} accent. duplic. *z* = ⲍ [æi]
1;2;3	*zny* [*zn?*] = *zny* Wb 3, 454.14-456.13 = *sny* (Demotic)	**z[i]n[*è*]** **['n' accentuated] /** **z[i]nï /** **s[i]nï**	pass (by), go (by)	V. 190 - OK (Pyr) = ⲥⲓⲛⲉ ⲥⲓⲛⲓ ⲥⲉⲛ [latter metathesis]	(v.) accent. *y* = ⲓ
1;2;3	*zp* Wb 3, 436.2-438.12 = *sp* (Demotic)	**z[o]p**	times, occasions, instances; cases; affairs	V. 194 - OK = ⲥⲟⲡ	ABS *z* = ⲍ
1;2;3	*zp*(*y*) [*zp*] Wb 3, 439.7-15	**z[ô]p[*è*]** **['p' accentuated]**	remain over (to); left abandoned (to be), left out, excluded	V. 194 - OK (Pyr) = ⲥⲉⲉⲡⲉ ⲥⲉⲡⲓ	(v.) accent. [ô] = ⲉⲉ [ô] = ⲉ

1;3;4	*zpyy* [*zpy*]  Wb 3, 440.8-15 = *sp* (Demotic)	**z[ē]pï/** **s[è]p[*è*]** **['p' accentuated]**	Remainder	V. 194 - MK (OK?) = ⲥⲉⲉⲡⲉ ⲥⲉⲡⲓ (when the verb is used as substantive)	ABS accent.
1;2;3?	*zr* = *zrỉ* Wb 3, 462.7-13	[*e*]z[ô]r?/ [e]z[ô]ræ?	Ram	V. 195 - NK (Dyn. XVIII) = ⲉⲥⲟⲟⲩ (TLA). Related to ⲥⲣⲟ 'sheep'?	ZOO
1;3;4	*zš3* Wb 3, 475.6-476.15 = *sḫ* (Demotic) = *zḫ3* [according to TLA]	**z[ô]shA /** **s[ô]h /** **z[ô]hA**	Write	V. 204 - OK = ⲥⲉϩⲁⲓ? [TLA] ⲉϧ ⲥⲉϩ ⲥⲁϩ ⲥⲁϧ	(v.) *z* = ⲥ *š* = ϩ
1;3;4	*zšn* Faulkner, 248 *zššn*  Wb 3, 487.9 = *sšn* (Demotic)	**z[o]sh[è]n /** **z[o]sh[*è*]n** **['sh' accentuated by duplication]** **/ s[o]sh[*è*]n**	lotus flower	V. 275 - OK = ⲯⲟⲱⲉⲛ	BOT *z* = ⲯ *s* = ⲯ accent. double
1;2;3	*zw.t* Wb 3, 426.12-17	**zw[o]**	Wheat	V. 199 - 2nd Inter. Per. = ⲥⲟⲩⲟ 'spelt' [seemingly a semantic shift]	BOT *w* = ⲟⲩ
1;2;3	*zwnw*  Wb 3, 427.7-15 = *synw* (Demotic)	**z{n[ôw]} /** **s{n[ô]w]}**	doctor, medic, physician	V. 185 - OK = ⲥⲁⲉⲓⲛ ⲥⲏⲓⲛⲓ [metathesis?]	PRO MED [ô] = ⲁⲉⲓ [ô] = ⲏⲓ
1;3;4	*zwr* *Wb 3, 428.5-17* = *swry* [*swrỉ*] (MK) = *swr*	**z{[ô]w}r /** **z{[ô]w}ræ /** **s{[ô]w}r**	drink	V. 183 - MK = ⲥⲱ ⲥⲟⲟ ⲥⲟ ⲥⲉ. Also in ⲧⲥⲟ 'give to drink' (V. 222)	(v.) accent = *i* *w* = [ô]w *w* = ⲱ *w* = ⲟⲟ *w* = ⲟ *w* = ⲉ
1;2;3	*zḫ* *sḫ.t* Wb 3, 473.16-474.7,9,10	**z[ô]ħ /** **s[ô]ħ**	Deaf	V. 204 - MK = ⲥⲱϩ ⲥⲱϩ	(v.) *ḫ* = ϩ *ḫ* = ϩ
0;3;3	*zḫ3* Wb 3, 479.14-481.4 = *zḫ*	**zkhA / z[a]sh? /** **z[a]kh**	scribe [lit. 'writer']	V. 204 - OK = ⲥⲁϩ ⲥⲁϧ ⲥⲁϩ [metathesis]	PRO *ḫ* = ϩ *ḫ* = ϩ

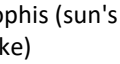
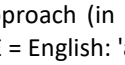
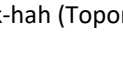
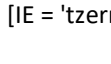
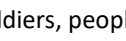
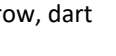
	(Demotic)				
0;3;3	*zḫꜣ* [*zḫꜣ.w*] = *zs* Wb 3, 476.16-479.9 = *zs* (Demotic)	**zkhA**	writing, document, record, depiction	V. 204 - OK = ⲥϧⲓ	TOOL *ꜣ* = ⲓ
1;3;4	*zḫn* Wb 3, 469.19 = *sḫn* (Demotic)	z[ô]khn[*è*] ['n' accentuated]	occur, happen (by chance); fall on; find; retrieve [clear semantic derivation]	V. 271 - Ptol. = Related to ⲥϩⲛⲉ ⲯⲥⲛⲉ 'event'	(v.) accent. *z* = ⲥ *z* = ⲯ
1;3;4	*zḫy*  Wb 3, 474.11-12	**z[ô]khï**	deaf [man or woman]	V. 204 - OK = Related to ⲥⲱϩ ⲥⲱϩ 'deaf'	MED *ḫ* = ϩ *y* = []

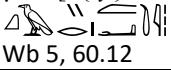
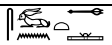
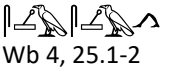
Part II: ENGLISH - VOCALISATION - ANCIENT EGYPTIAN (SIMPLIFIED)

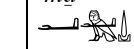
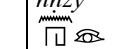
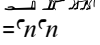
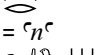
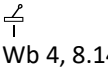
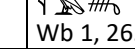
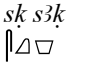
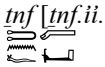
English	Vocalisation	Hieroglyphs
[Auxiliary for past = the one/he who has done this = past prefix]	**ær**	*i-ir* [*i*[*i*]-*ir*]
[possessive article followed by pronominal suffixes]	**p{o} + suffix**	*pꜣyi* [*p*{*ꜣy*}]
Aam (unidentified plant producing seeds used for medicinal purposes)	**{ā}m /** **{*â*}m**	*ꜥm* [{*ꜥ*}*m*] = *ꜥꜣm* [{*ꜥꜣ*}*m*] = *ꜥꜥꜣm* [{*ꜥꜥꜣ*}*m*] Wb 1, 169.15
Abydos	**Ab[ô]d**	*ꜣbḏw*[*ꜣbd*] Wb 1, 9.1
acacia of the Nile, Nile acacia (*Acacia nilotica* L.)	**sh[o]ndj[è] / sh[o]ntï ['dj' or 't' accentuated]**	*šnḏ.t* = *šnt.t* Wb 4, 520.9-13 = *šnt.t* (Demotic)
accuse; report; complaint	**smæ /** **smï /** **sm{è} ['m' accentuated or elongated?]**	*smi* [*smi*[*i*]] = *smy* = *sm*{*iw*} Wb 4, 127.7-128.13
accustom	**t[ô]p**	*tp*
add, deposit	**æ-wAH**	*i-wꜣḥ*  Wb 1, 254.13-15
afraid (be); fear (n.)	**H[ô]t[è]ï ['t' accentuated]**	*ḥty*
afraid (to be), fear (to)	**sn[ô]dj /** **sn[ô]d**	*snḏ* = *snd* Wb 4, 182.2-183.3 = *snt* (Demotic)
after, following after [lit. 'in back'] (prep.)	**m[è]-sA**	*m sꜣ* Wb 4, 10.4-11.5 = *bn m sꜣ* (Demotic)

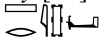
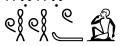
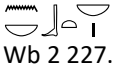
again; one more time, already [IE = English ‘anew, again’(?]	***a*n**	*ꜥn*  Wb 1, 189.8-16
against; opposite	**w[*e*]bA /** **w[*e*]ba [a schwa?]**	*wbȝ* Cerný, CED 210 (TLA) = *wbȝ* (Demotic)
age-old, old age [IE = English '**a**ge']	**{è}{[ô]w} /** **{ä}{[ô]w}**	*{iw} [{iw}.t]*  = *iȝw.t [{iȝ}w.t]* Wb 1, 28.13-14 = *i{iw}* (Demotic)
agree, consent [IE = Armenian ա յն [ayo] 'yes']	**ï[o] [pronounced 'eyo']**	*iy [y]* Wb 1, 36.15
Akhmin	**Khntï-M[i]n**	*ḫnty Mn* No Wb? = *ḫnty Mn* (Demotic)
Alexandria	**R*a*k[ô]dï / ['d' accentuated]**	*rꜥ kdy.t* Wb 2, 403.5
alone [lit. 'in one"]	**m[*è*]-m[ô]at /** m[ô]at?	*m wꜥ.t* No Wb?
alone; unique; isolated, separated	**w*a*{tè} /** **w*a*t[*è*]ï [‘t’ accentuated]**	*wꜥti*  = *wꜥ.t-y [wꜥty]* Wb 1, 278.9-279.5
altar, offering table, tray on pod, table on a single foot	**Kh{Au}[*è*] ['w' accentuated] /** **Kh{Au}ï /** **kh{o}[*è*] /** **kh[*ō*][*è*] /** kh{*ō*}[*è*]?	*ḫȝw [ḫ{ȝw}]*  = *ḫ{ȝw}y* (n) = *ḫȝy [ḫ{ȝy}]* (NK) = *ḫwy [ḫ{wy}]* (Ptolemaic) Wb 3, 226.11-19 = *ḫwy [ḫ{wy}?]* (Demotic)
alum? (a mineral substance) [most likely this substance] [IE? French 'alun',	**æbn /**	*ibnw [ibn.w]* 

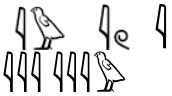
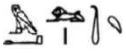
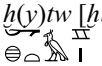
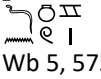
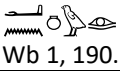
with b=l shift?]; vitriolic salts (TLA)	**Abn**	Wb 1, 63.8 = Faulkner, 15 = *ȝbn* (Demotic)
Amenhotep	**Æm[è]nh[ô]tp**	*Ỉmn-htpw* LÄ I, 219-220 (TLA)
ammoniac	**Am{[o]w}nï*a*k** [Amonï*a*k?]	*ȝmwnyᶜk*
Amon	**Æm[ô]n** Æm[oo]n?	*Ỉmn* Wb 1, 84.15-85
angry, furious (to become)	**q[ô]nd**	*ḳnd* Wb 56.16-57.12
animal	**dbn[é]**	*dbn.t* Wb 5, 438.17 = *dbn.t* (Demotic)
anoint	**t[ô]Hs**	*tḥs* = ? *tḥs* 'crush' Wb 5, 323.5-6
another, other (masc.) ktï? (fem.) **k{[ô]w}ï (plur.)**	**k{o}**	*ky-y* (*k{ȝy}*) TLA DZA 30.562.450 Wb 5, 110.7-112.6 = *ky* (Demotic) = *kty* (fem.) Plural: *kwy*
answer; defend; be responsible for, [in charge]; answer (n.)	**w[ô]shb**	*wšb* Wb 1, 371.6-372.1 = *wšb* (Demotic)
ant	**q[a]pq[i]p**	*ḳpḳp*
antelope, bubalis **z[o]s{Au}**	**sh[o]sA /**	*šsȝw* [*šsȝ.w*] = *zšȝ.w* [*zš{ȝw}*] Wb 4, 543.5-6
Anubis	**Æn{[ô]w}p [stylistic grouping] *Æn[oo]p**	*Ỉnpw* [*Ỉnwp*] Wb 1, 96.7
apicultor, beeherder, beekeeper	**[*e*]bït[*è*] ['t' accentuated; artistic arrangement of ï]**	*byt* Wb 1, 434.13-15
Apis	**H[a]p[*è*] ['p' accentuated]**	*ḥp* Wb 3, 70.1-4

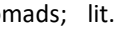
Apophis (sun's enemy represented as a snake)	**{*â*}p[o]p[*è*] /** **{*â*}p[o]pæ /** ***a*p[o]p[*è*]**	*ꜣpp* [*{ꜣ}pp*]  = *ꜣppi* [*{ꜣ}ppi*] = *ꜥpp* Wb 1, 167.14-15
apple [IE = French '**pom**me']	**djp[ô]H /** **djmp[ô]H**	*ḏpḥ* Wb 5, 568.10 = *ḏpḥ ḏmpḥ* (Demotic)
approach (in running); beat (of heart) [IE = English: 'approach'], rush forward	**Ap[ô]d**	*ꜣpd*  Wb 1, 9.12-14
Ark-hah (Toponym - near Abydos)	***a*rq-H[a]H /** ***a*lk-H[a]H**	*ꜥrḳ-ḥḥ*  Wb 1, 213.4-6 =*ꜥlk-ḥḥ* (Demotic)
Arm	**gb{Ã} /** **g{o}b** [metathesis] **/ g[a]b**	*gbꜣ* [*gb{ꜣꜥ}*] WB V 164.1-5 = *gꜣyyb.t* [*g{ꜣy}b.t*] Wb 5, 164.1-5 = gb.t (Demotic)
arm [IE = 'tzerner' Armenian]	**dj[o]r[*è*] ['r' accentuated] / dj[o]ræ**	*ḏr.t*  (NK) = OK (Pyr.) = *ḏrỉ.t* Wb 5, 580.3-585.10
arm; cubit	**m[a]H[*è*] ['H' accentuated]**	*mḥ* *Wb 2, 120.2-7* = *mḥ* (Demotic)
armour	**Ħ[a]libsh[*è*] ['sh' accentuated]**	*ẖlybš*
army; military camps	**m[a]t[*è*]gt[*è*] ['t' accentuated]**	*mtgt*
army; workforce [lit. a multitude? [of soldiers, people]].	**m[é]sh*a***	*mšꜥ*  Faulkner, 119 & Wb 2, 155.2-19 =*msꜥ* [(Demotic): army, people, crowd]
arrow, dart	**s[ô]t[*è*] /** **s[ô]tï ['t' accentuated]**	*sty* [*st.w*]  = *sty* [*sty.w*] Wb 4 328.1 = *sty.t* (Demotic)

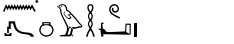
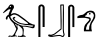
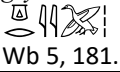
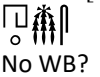
artisan; artiste [lit. 'producer' from the verb *ḥmw* 'produce']	**Hm{ō}**	*ḥmww* [*ḥm{ww}*] Wb 3, 83.5-84.8
arura measure (from *sṯ3.t 3ḥ.t* 'arura" (lit. field measure')	**s[ô]tchA /** **sAt[*è*] ['tch' or 't' accentuated]**	*sṯ3.t* = *s3t.t* Wb 4, 356.1-7
ashes	**k{o}rm*a*{tè}**	*ḳrmt* [*k{3y}rmᶜti*]  Wb 5, 60.12
ask; interrogate	**sh[ô]n /** **sh[ô]n[*è*] ['n' accentuated by duplication] /** **sh[*è*]n**	*šny* [*šn*] = *šny* = *šnn* Wb 4, 495.8-17 = *šn* (Demotic)
ask; need (to be in); requisition	**d[ô]b[*è*]H ['b' accentuated]**	*dbḥ* Wb 5, 439.6-440.1
assemble; be assembled	**t{[ô]w}t[*è*] ['t' accentuated]**	*twt* Wb 5, 259.5-260.10 = *twt.w* (Demotic)
Assyrian	**Æsh{[ô]w}r**	*Ꜣšwr* Faulkner, 31
astonishment	**[*e*]b{ä} /** **[*e*]byA**	*bi3.t* [*b{i3}.t*] = *by3* Wb 1, 440.3
Aswan [Lit. 'The trade city? =  *swn.t* 'trade']	**Sw[a]n**	*šwnw* [*swn.w*] Wb 4, 69.4
at; from; to; under (the reign of)	**kh[a]r /** **kh[a]ræ /** **ær[a]kh [metathesis] /** **r[a]kh [metathesis]**	*ḫr* = *ḫri* = *irḫ* [metathesis?] = *rḫ* Wb 3, 315.9-12
attack (an enemy); assault (a town) [IE = English 'assault'?]; drive back, repel	**sAsA**	*s3s3*  Wb 4, 25.1-2

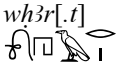
Atum	**æt[ô]m /** **[a*ʔ*]t[ô]m**	*ỉtm* Wb 1, 144.5 = *tm* Wb 5, 301
Avaris [lit. 'House [of the] Leg']	**H[*è*]-w*a*r[*é*]t[*è*] ['t' accentuated]**	*ḥ.t wꜥr.t* [*ḥw- wꜥrt*] Wb 1, 287.8
avert (oneself from; French 'se dètourner')	***a*{mè}dj**	*ꜥmḏ*  Wb 1, 187.10
awake [oneself] up; wake up [someone]; awake (be)	**n[ô]Hzï**	*nḥzy*  Wb 2, 287.3-9
baboon	***ana* / *anan***	*ꜥnꜥ* [*ꜥnꜥ.w*] =*ꜥnꜥn*  Wb 1, 191.10
baboon [IE = English bab**oon**?]	**{Ã}n /** ***a*nr /** ***ana* /** **{ā}n [long 'a'] /** **{õ}n**	*ʒꜥn* [*{ʒꜥ}n*] = *ꜥnr* (OK)  = *ꜥnꜥ* = *ꜥꜥn* (Demotic) = *ỉn* Wb 1, 41, 5-6
back	**sA**	*sʒ*  Wb 4, 8.14-10.3 = *sʒ* (Demotic)
back, vertebral column	{ä} / {ä}t?	*ỉʒ.t* [*{ỉʒ}.t*] [also *ỉʒ*t?]  Wb 1, 26.3-6
bad (to be, [IE? = Armenian 'tchar'?]	**tH[o]r**	*ṯḥr*
bad, evil (adj. the)	**bæn[*è*] ['n' accentuated]**	*bin* Wb 1, 442.15-443.17 = *bin* (Demotic)
bag [lit. '[a] collector?'; IE? = French 'sac'; Armenian պայուսակ 'bayousaq']	**s[õ]q**	*sḳ sʒḳ*  No Wb?
bag [of some kind, perhaps coloured and very probably imported], haversack	**gAwAnA** g{Au}AnA?	*gwn* [*gʒwʒnʒ*] Wb 5, 160.10
bag; purse	**tchn[ô]f /**	*tnf* [*tnf.ii.t*] 

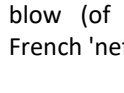
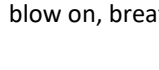
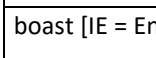
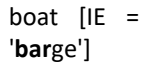
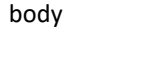
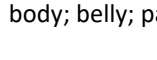
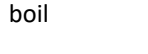
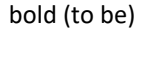
	tchn[ô]fï / **djn[ô]f**	= *ṯnfy* Wb 5, 380.12-13 = *ḏnf* (Demotic)
bake (to)	**q[ô]n[*è*]f /** **q[ô]f[*è*]n [metathesis]**	*ḳnf* = *ḳfn* Wb 5, 32.11-15
baker	q[*è*]f[*è*]nï **['q' and 'f' accentuated]**	*ḳfn-yy* [*ḳfny*] Wb 5, 33.1-2
balance	**m*a*khA /** **m[a]khA /** **m[a]khï**	*mᶜḫ3.t* = *mḫ3.t* Wb 2, 130.8-13 = *mḫy.t* [(Demotic)]
band	**qlm[*è*] ['m' accentuated]**	*ḳlm*
bandage	**s[é]w[*è*] ['w' accentuated]**	*sw*
bandage, wrappings (of mummy)	**s[*è*]b[*è*]n ['b' accentuated]**	*sbn* Wb 4, 89.12-13
bar, stop, block [French: 'barrer'] [IE = English 'b**ar**'?]	**sh[ô]ræ /** **sh[ô]r{è}**	*šry* [*šri*]  = *šr{iw}* Wb 4, 527.12-17 = *šri* (Demotic)
bark (of a dog)	**w[a]Hw[a]H**	*wḥwḥ*  Wb 1, 351.10
barley (*Hordeum sativum*)	**æ[ô]t /** **i[ô]t**	*it* Wb 1, 142.10-20 = *it* (Demotic)
base, support, pedestal [in wood or stone]	**p[o]ï**	*pj* Wb 1, 489.5-7
basket	**Bïr**	*byr*
basket	n[é]b?	*nb.t*  Wb 2 227.1

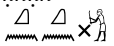
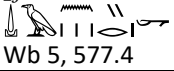
basket (as a measure for fruit and plants)	**Ht[o]p**	*ḥtp* Wb 3, 195.12-16
basket [or similar]. Related to 'Meshir'?	{*mè*}khïr	*mḫyr* [TLA = *mtrḫ.t* but this seems unlikely] Cerný, CED 97
basket for fruits, herbs or fishes. See *msd.t.*	m[*è*]s{t*é*} / m[*è*]st[*è*]	*msty* [*msti*] = *mst* Wb 2, 151.5-8
bat	**gnglA ['g' accentuated]**	*gngl3*
bathe; wash	**dj[ô]q[è]m ['q' accentuated]**	*ḏḳm*
be [= 'is; auxiliary form but not verb]	**{è} [close to æ].** **An ancestral 'èw' form may have existed.**	*{iw}*  Wb 1, 42.12-43.10
beam, baulk	**z{Au} /** **s{Au} /** **s{ô}**	*z3w* [*z{3w}*] = *s{3w}* [*s3.w*] = *s3yy* (*s{3y}*) (XIX) Wb 3, 419.14-17
beans (similar to lentils) unidentified?	**Andj[i]r[i]** Andj[i]r[*è*]?	*3nḏr*
beans = Lobya (*Dolichos lubia* Forskk.) [IE = French: 'haricot'?]?	**{è}r[ô]ï**	*{iw}ryy* [*{iw}ry.t*] Wb 1, 56.14-15
beard; chin [IE? = Armenian 'մորուք' 'morouq'?]	**{mè}rt**	*mrt* [*mʿrt*]  Wb 2, 113.6
beat; knock (at the door)	**q[ô]lH**	*ḳlḥ*
beating area (for cereals; French: 'aire a battre')	**kh[i]t**	*ḥ(y)tw* [*ḥt.w*]  Wb 3, 349.10
beating area [for cereals]	**dj{n[ô]}w**	*ḏnw*  Wb 5, 575.6 = *ḏnw* (Demotic)
beautiful (to be)	*a*n[ô] / *a*{n[ô]}	*ʿny* [*ʿn*] = *ʿnw*  Wb 1, 190.1-18
beautiful [etymology of 'Anna'? = חנה (“Hannah”) of Old Testament, meaning "grace, gracious? As well of Armenian 'Nane' = ⲛⲁⲛⲉ?]	***a*n[a]**	*ʿn* Wb 1, 190.13-18

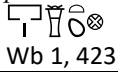
bedouins [nomads; lit. 'those who range']	**ShAsh{[ô]w} =** **Sh{o}s**	*š3s-w* [*š3s.w*]  = *š3is* [*š{3y}s*] (Ptol.) Wb 4, 412.10-11
bee [IE = 'abeille' French] = honeybee [lit. bee of honey. IE = French: 'abeille']	**afï / afï n[a?] [è]bi[ô]**	*ꜥfy* = *ꜥfy n bi.t* Wb 1, 182.11
beer, Egyptian beer	**Hnq[*è*] / Hq[*è*] ['q' accentuated]**	*ḥnḳ.t* Wb 3, 169.11-20 = *ḥḳ.t* = *ḥnḳ.t* (Demotic)
beeswax; wax [IE? = Armenian ‘մեղրամոմ’ 'mèghа**mom**'?]	**m[ô]nH [m[oo]nH?] /** **m[ô]nHï**	*mnḥ* Wb 2, 83.4-7 = *mnḥy* = *mnḥ* [(Demotic)] 'wax'
beetroot? [*Beta vulgaris*?] (red plant forbidden in Philae)	**Ht[è]tch[*è*]s ['t'and 'tch' accentuated]**	*ḥtt ṯs* [*ḥtt ṯs*] Wb 3, 203.14
begin; beginning (n.)	**sh{Ã} /** **sa**	*š3ꜥ* [*š{3ꜥ}*] Wb 4, 406-407.6 = *sꜥ* (Demotic)
believe, trust	**n[a]htï**	*nḥty* Wb 2, 303.14 = *nḥty* (Demotic)
bell-little, tinkle bell (French: 'clochette') [IE = English: 'tinkle'?]	**shq[*è*]lq[i]l**	*šḳlḳl*
belonging to; pertaining to (prep.)	**ærï**	*ir* [*iry*] Wb 1, 103.18-105.4
belt	**{*â*}gAs**	*ꜥ3g3s* = *ꜥgs* Wb I 36 10
belt, girdle, [band?]	**m[o]djꞩ / m[a]djꞩ**	*mḏḫ*

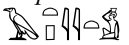
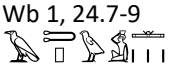
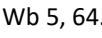
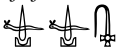
		Wb 2, 189.11 = *mḏḥ* (Demotic)
bend [arc] [IE = English: **arc**, **arc**h]	***a*rq /** **ærq**	*ꜥrḳ* = *irḳ* Wb 1, 211.16-17
bend, fold	**q[ô]ldj**	*ḳld*
Bès	**b[è]s /**	*bs* Wb 1, 476.8
Bewitch	**p[ô]hr[è] ['r' accentuated]**	*pḥr*
big (v. and adj.)	**{*â*}**	*ꜣ* Wb 1, 161.5-162.17 = *ꜣ* (Demotic)
big voice; boastfulness	**kh[è]rw{*â*}**	*ḫr ꜣ [ḥr[w]{ꜣ}]*
bind [IE = French 'nouer'?]	{n[ô]}w}H	*nwḥ*  Wb 2, 223.14-15
bind together	**Ht[ô]r**	*ḥtr* Wb 3, 202.2-3 = *ḥtr* (Demotic)
bind; attach; chain [IE = English 'moor'?]	**m[ô]r**	*mr* Wb 2, 105.1-8
bind; chain	**s[ô]nH /** **z[ô]nH /** **z{n[ô]w}H**	*snḥ* = *znwḥ* (Ptol.) = *znwḥ* (Ptol.) [metathesis of previous] Wb 4, 168.12-24 = *snḥ* (Demotic)
bird (duck or geese; type of bird unidentified (*Oxura leucocepha*?) = *psbs* [*pꜣsbs*] Wb 1, 477.1	**b[a]sbs /** **bAsbs / pAsbs**	*bsbs* = *bꜣsbs* 
bird name - unidentified	**b[a]ng**	*bng* Wb 1, 464.4
birds [as coll. term]	**g[è]r[*é*] ['r' accentuated]**	*gry-w*  Wb 5, 181.1
birthday [lit. '[the] day [of] birth]	**h[ô]r-m[i]s[è] ['s' accentuated]**	*ḥrw ms* [*ḥr.w ms*]  No WB?

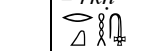
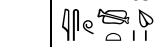
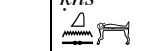
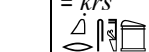
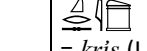
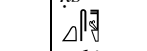
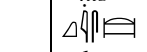
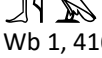
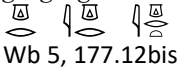
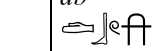
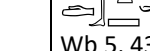
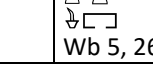
bitch (female; French 'chienne')	**wH[ô]r[è] / wH[o]r / wHAr[è] ['r' accentuated]**	*wḥr* Wb 1, 346.6 *wḥ3r[.t]*  = *wḥr* (Demotic)
bite	**p[ô]z[è]H / p[ô]s[è]H / p[ô]Hs**	*pzḥ* = *pḥs* [metathesis] Wb 1, 550.1-10 = *pḥs* (Demotic)
bitter (to be, to become)	**s[i]khï**	*sḫy*
bitumen, pitch; resin	**mn[o]n[ô]n**	*mnnn* Wb 2, 82.9-14
black (adj.)	**k[a]m[è] ['m' accentuated]**	*km* Wb 5, 122-124.5
black, dark (to be) [see *km.t* 'Egypt' i.e. 'the Black Land']	**km[ô]m /** k[ô]m?	*km kmm* Wb 5, 124.6-8 = *km* (Demotic)
blade of plough (French: 'soc')	**z[i]n[è] ['n' accentuated]**	*zn.t* Wb 3, 458.3
bless	**smA**	*sm3* = *?s-m3ʿ* 'pray'
blind (be or make); obscure (be)	**kAn[è]m / g[ô]n[è]m**	*k3nm* Wb 5, 107.1-4 = *gnm* (Demotic)
blind [IE = English 'blind']	**b[è]l[é] / b[è]l[è] ['b' accentuated]**	*bl*
block; big piece	**t[a]k**	*tk*
blood [IE = English 'bl**oo**d'?]	**zn[ō]f /** **sn[ô]f**	*znf* *Wb 3, 459.2-14* = *snf* (Demotic)
blossom [of flower], unfurl, stretch, open	**p[ô]rkh /** **p[ô]rsh**	*prḥ* = *prš* (Neo E.) DZA 23.430.240 Wb 1, 532.7-11 = *prḥ* (Demotic)

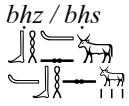
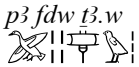
blow (of wind; of breadth) [?IE = French 'nef' (boat)]; wind	**n[è]f /** n[è]f{o}?	*nf*  = *nf*{[*ȝ?*]*y*} Wb 2, 250.15-18
blow on, breath on (to)	**n[ô]fï**	*nfy*  Wb 2, 250.11-13
board, go up	**{õ}r[è] / *a*r[è] / *a*l[è] ['r' or 'l' accentuated]**	*jꜥr* [*iꜥr*] = *ꜥr* Wb 1, 41.14-25 = *ꜥl* (Demotic)
boast [IE = English 'boast']	***a*b*a*b[ō] [long 'o']**	*ꜥbꜥb*  Wb 4, 178, 4-5
boat	**r[a]ms**	*rms*
boat [IE = English: '**boat', French: '**bar**ge']	**b{o}r Plur.** **b{o}r{[è]oo}**	*bȝyr* [*b*{*ȝy*}*r*]  Plur: *b*{*ȝy*}*r.ii* Wb 1, 465.8-9
boat [lit '[the] crossing [one] from 'cross' (v.)]	**dj{o}** / dj[o]i?	*ḏȝyy* [*ḏ*{*ȝy*}] Wb 5, 515.6 = *ḏy* (Demotic)
body	**Ħ[é] / Ħ[é]t?**	*ḥ.t*  Wb 3, 356.3-357.17 = *ḥ.*(*t*) (Demotic)
body; belly; part of a building	**Ħ[*è*]**	*ḥ.t*  Wb 3, 356.3-357.17
boil	**brbr / b[*è*]rb[*è*]r ['b' accentuated]**	*brbr*  Wb 1, 466.1
bold	**m[*è*]h[é]l**	*mhl*
bold (to be)	**{ä}s /** **æs**	*iȝs* [{*iȝ*}*s*]  = *is* Wb 1 33.8
bone [IE = French: 'os']	**kAs**	*kȝs* Wb 5, 14 & Wb 5, 68.2-69.4
bone fragments	w[*e?*]sh[*è*]	*wš.t* Wb 1, 368.17 (Demotic)

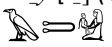
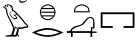
bore through, pierce	**w[ô]ft**	*wft* Wb 1, 306.7
borough (or similar)	**q[o]mï**	*ḳmy*
bow [lit. 'a stretched/expanded one' or something similar']	**p[i]dj[*è*] ['dj' accentuated] / p[i]tï**	*pḏ.t* Wb 1, 569.7-18 = *pty.t* (Demotic)
bowl [to feed] (French: 'écuelle')	**g{o}**	*gʒy* [*g{ʒy}*] Wb 5, 150.5-13
brake [IE = French 'casser']	**q[ô]rsh / q[ô]rsh[*è*]**	*ḳrš*
brake, beat (harvest), strike; destroy,	**w[ô]shw[*è*]sh ['w' accentuated]**	*wšwš* Wb 1, 370.17-371.2
brake; beat [; fight?] [IE = French '**conc**asser'?]	q[ô]nqn	*ḳnḳn*  Wb 5, 55.4-56.9 = *ḳnḳn* 'beat; fight' (Demotic)
bran [of wheat] [IE = French: 'son'?]	[e]sh{*ō*}?	*wšiw* [*š{wy}?*] No Wb? Aesthetic disposition = Cerný, CED 40; Meeks, AL 77.1054
branch	**sm[a]H**	*smḥ* Wb 4, 140.8-9
branch [?]	**DjAnïr[o]**	*djʒnr*  Wb 5, 577.4
branch; shoot	**shlH / shl[è]H ['l' accentuated]**	*šlḥ*
brasero (for fumigations)	***a*kh**	*ꜥḫ* Wb 1, 223
bread (of some kind; lit. 'cause to cook' from 'cook')	sAshr[*è*]	*sʒšr.t* Wb 4, 25.4-5
bread of some sort [IE = English 'cake' as already pointed out by V.]	***a*k[è]k[*è*] ['k' accentuated]**	*ꜥkk* Wb 1, 235.4
bread; provisions [; substance]; revenue	***a*q**	*ꜥḳw* [*ꜥḳ.w*] Wb 1, 232.16-233.1-2 = *ꜥḳ* (Demotic)
break, deteriorate	**n[ō]s[*è*] [long 'o' and 's' accentuated by duplication] / n[ō]sï**	*nss* = *nssy* Wb 2, 336.12-13
breast	**kAb[*è*]**	*kʒb.t* Wb 5, 11.2-8
breath [life into]; breath (air)	**khn[ô]p**	*ḫnp* Wb 3, 290.18-291.1

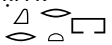
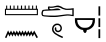
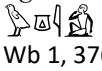
brick making, to make bricks	**pæpæ / ppæ**	*pypy* [*pipi*] Wb 1, 502.6-7 = *ppy* (Demotic)
brick; ingot; sheet	**dj[ô]b[*è*] /** **d[ô]b[*è*] /** **t[ô]b[*è*] [‘b’ accentuated]**	*ḏb.t* = *db.t* = *tb.t* Wb 5, 553.7-554.18
bride	**mtɑt**	*mtˁt*
bring (verb employed while speaking of the god's food)	**s{[ô]w}s{[ô]w}** [or s{[ô]w} accentuation by duplication?]	*swsw*
bring! (imp. of *iny*)	**æ-n[i]n[*è*] [‘n’ accentuated]**	*i-inn* [*i-iny*] Wb 1, 90.2-91.10
bring; get; reach; buy	**æn[*è*] ['n' accentuated]**	*iny* [*in*] Wb 1, 90.2-91.10 = *in* (Demotic)
bronze; copper; ore; money; silver	**H[ô]mt**	*ḥmt* Wb 3, 99
brother	**s[o]n or s[a]n /** **snï** **Plural.:** **sn{[o]w[*è*]}** **sn{[o]w}ï**	*šn* = *sny* (Ptol.) Wb 4, 150.8-151.4 = *sn* (Demotic) Plural.: *snw* = *snwy*
Bubastis (Lit. '[The] House of [the goddess] Bastet' = Tell Basta)	**p[ô]r-BAst or p[oo]r-BAst**	*pr Bꜣst.t*  Wb 1, 423.6-8
Buchis, sacred bull of Hermonthis / Armant [IE = *bos* Latin]	**b[o]Ħ**	*bḥ* Wb 1, 472.14 = *bḥ* (Demotic)

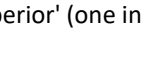
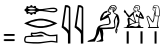
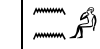
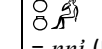
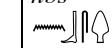
bucket for well = bucket well (in leather)	**bAs[*è*] ['s' accentuated]**	*bꜣs* No Wb?
bull; cow? [IE = English 'cow'?]	**kA**	*kꜣ* Wb 5, 94.7-96.8 = *kꜣ* (Demotic)
bulls which are young, sacred and with a specific colour	**kmA /** **g[a]m**	*ḳmꜣ* Wb 5, 38.1 = *gm* (Demotic)
bump	**dj{o}**	*ḏꜣiw* [*ḏ{ꜣy}.w*] No Wb?
bundle (of arrows) [; pack]	**khr[a]sh**	*ḫrš* [*ḫrš.t*] Wb 3, 330.10-11 = *ḫrš* 'pack' [, bundle] (Demotic)
burden, load	**Atp{[ô]w} /** **Atp{Au}?** **Atchp{[ô]w}**	*ꜣtp-w.t* = *ꜣtp.i̯.t*  Wb 1, 24.7-9  Wb 1, 24
burial [IE? = Armenian 'գերեզմանոց' [qeresmanots] 'cemetery' or 'caisse' French]	q[è]r[è]s / q[è]s	*ḳrs.t*  Wb 5, 64.5-7 = *ḳs.t* (Demotic)
burn (enemies)	**dj[ô]fdj[*è*]f ['dj' accentuated]**	*ḏfdf*  Wb 5, 523.2
burn [IE= English 'burn']	**Abkh**	*ꜣbḫ* TLA (ONB 244, Anm. 1062)
burn up	**djAf [perhaps also *dj[ô]f] /** dj[o?]f]	*ḏꜣf* Wb 5, 522.8-13 = *ḏf* (Demotic)
burn up	**mAH /** **mAkh /** **m*a*khA /** **m*a*kh{o} /** **m[o]kh**	*mꜣḥ* = *mꜣḫ* = *mʿḥ* = *mʿḥ{ꜣy}* Wb 2, 31.8-11 = *mḫ* (Demotic)

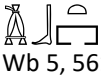
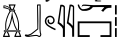
burn, burn up, light [IE = English: '**ro**ast'?]	**r[ô]kH /** **r[ô]qH**	*rkḥ* Wb 2, 458.9-14 = *rkḥ*  = *rkḥ* (Demotic)
burning dish, brasero (for fumigation)	***a*kh**	*ʿḥ* Wb 1, 223.13-16
burse; testicular	**AswA**	*ȝswȝ*
burse; testicular	**æsw[*è*]**	*isw.t* Ptolemaic  Wb 1, 131.12) = *ȝswȝ.t* (Demotic)
bury	**q[ô]ns /** **q[ô]rs /** **q[ô]rsæ /** **q[ô]ræs**	*ḳns*  Wb 5, 55.3 = *ḳrs*  = *ḳrzi* (Late)  = *ḳris* (Late) Wb 5, 63.11-64.4
bury	**t[ô]m[*è*]s**	*tms* Wb 5, 369.6
bury, embalm, envelop (defunct)	**q[ô]s /** **qæs /** **qAs**	*ḳs*  = *ḳis*  = *ḳȝs* Wb 5, 14 = *ḳs* (Demotic) [see also under *ḳrs*]
bush [French 'buisson'; IE = German 'baum', English ''bush']	**bA /** **b{ä}** / b[o?]	*bȝ.t* = *biȝ* [*b{iȝ}*]  Wb 1, 416.5-10 = *b* (Demotic)
but; also; moreover;	**g[è]r / æg[è]r ['g' accentuated]**	*gr igr igr.t*  Wb 5, 177.12bis - 178.1 = *gr* (Demotic)
cage (for birds?); trap [IE = English 'trap']	**d[a]b /** **t[a]b**	*db*  = *db*  Wb 5, 434.10 = *tb.t* (Ptol.)  Wb 5, 261.6

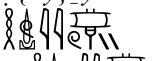
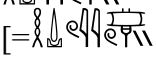
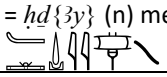
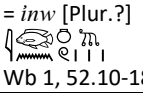
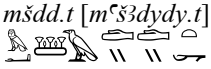
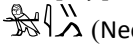
cage (for chicken)	sht[ô]b	*štb* Wb 4, 557.7
Calasiries (lit. 'small child (of Syria)' = Late period class of warriors (with the Hermotybies) [according to Herodotus]	**k{o}r{ä}sh[i]r{è}**	*kry šry* *[k{ȝy}r{iȝ}-šr{iw}]*
calf [lit. born [cow]]	**m[a]s[*è*] ['s' accentuated]**	*ms* Wb 2, 140.8
calf, bull (young)	**b[a]Hz /** **b[a]Hs**	*bhz / bḥs*  Wb 1, 469.4-10
call (n. and v.) [IE = English 'shout'?]; summon	**[ô]*a*sh /** **[ô]{ä}sh**	*ꜥš* = *{iȝ}ꜥš* Wb 1, 227.4-13;
call [IE = English: 'shout'?]	**{ä}sh /** ***a*sh**	*iȝš* [*{iȝ}š*] Wb 1, 227.4-13 = *ꜥš* = *ꜥš* (Demotic)
calm	**sgr[ô]H [g accentuated] / zgr[ô]H**	*s-grḥ* [*sgrḥ*] = *zghḥ* Wb 4, 324.7-12
calm, peaceful (to be)	**{m*è*}d[o]n /** **mt[o]n**	*mdn* = *mꜥdn.w* Wb 2, 182.8 = *mtn* [(Demotic)]
camel	**g[a]m{[ô]w}l**	*gmwl*
canal	**f{o}**	*fȝy*
canal? (water area of some kind)	**khArtch /** **kh[*è*]l[o]t ['è' accentuated]**	*ḫlt* [*ḫȝrt / ḥȝlt*] Wb 3, 232.17 = *ḫlt* (Demotic)
canopy, vault of sky ( ); cave;	**kAp[*è*]**	*kȝp* Wb 5, 104.7 = *ḳp* (Demotic)
capture (birds) by the wings	**d[ô]nH**	*dnḥ* Wb 5, 578.8
cardinal points, four = the four cardinal points [lit. 'the four winds']	**pA fd{[ô]w} tchA{[ô]w}[*è*]**	*pȝ fdw tȝ.w* 

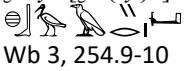
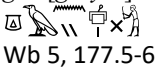
care (take, of someone), rear	**At {o}t?/** **Ad /** **Atch**	*ȝty* = *ȝdy* [*ȝd*] Wb 1, 24.23 = *ȝty* [*ȝt*] (OK - Pyr)  Wb 1, 23.9
care for	**r{[ô]w}shA**	*rwš* [*rwšȝ*] Wb 1, 335.10-18; = *rwš* (Demotic)
Caroube tree? [Lit. 'The sweet tree?]	n[ô]dj[è]m n[oo]djm?	*nḏm-w* [*nḏm*] *nḏm* Wb 2, 378.2-7
carpenter; joiner	f[a]nkh	*fnḫ* Wb 1, 576.15
carpenter's work shop	**w[a]khr / w[a]kh[è]r**	*wḫr.t*  Wb 1, 355.10-12
carrier; gold extractor [IE = English 'carrier']	**q{[ô]w}r[è] ['r' accentuated] /** **q{Au}r[è]** **q{ō}rï /** **q{o}r[è] /** **g{[ô]w}r[è] ['r' accentuated]**	*ḳwr* = *k{ȝw}r* = *ḳ{wy}ry* = *ḳ{ȝy}r* Wb 5, 21.9-11 = *gwr* 'carrier' (Demotic)
carry; lift; bring; take away	**f{o}**	*fꜥy* [*f{ȝy}*] Wb 1, 572.6-573.14 = *fȝy* (Demotic)
carve, engrave; incise	**kh[ô]tï / sh[o]tsh[è]t ['sh' accentuated]**	*ḫty* Wb 3, 347.16-348.12 = *štšt* (Demotic)
castor oil plant (*Ricinus communis* L.)	**dgm[è] ['d' accentuated] / dgAm[è]**	*dgm* = *dgȝm* Wb 5, 500.9-13
castor oil plant (*Ricinus communis* L.)	**kAkA /** **kïkï**	*kȝkȝ* = *kyky* Wb 5, 109.2-7

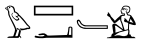
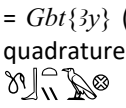
cat (female; 'chatte' in French)	**[è]m{oo}** **Plural. *èm{[ô]w[è]}**	*my.t* [*mii.t*] Wb 2, 42.4.7
catapult; ballista	**kh{Ã}**	*ḫ3ˁ* [*ḫ{3ˁ}*] Wb 3, 229.4
Cauldron	**r[ô]hd[*è*] ['d' accentuated]**	*rhd.t* Wb 2, 441.5-7
cavern, cave	**q[*è*]r[ô]r ['q' accentuated]**	*ḳrr.t*  Wb 5, 62.4-7
cease =*? lg{3y}* 	**l[a]g[*è*]**	*lg*
cease, finish	**q[é]n**	*ḳn* Wb 5, 49.1-14
cease; terminate, complete. satisfied (be)	**g[ô]rH**	*grḥ* Wb 5, 182.4-183.3
centre in the sense of 'seat', or 'central place] from its primary sense 'pillar, column' hence 'Heliopolis' lit. the 'centre / central' cult place of the sun, etc... for other cult places with similar a name: Esna, Armant, Dendara, etc...	**{è}{n[ô]w}**	*{iw}nw* [*{iw}n*] Wb 2, 92.92
chameleon [*reconstructed form proposed by Vycichl]	**ash[i]r[a]***	*ˁšr**
chapel, naos	**qnHæ /** **qnHï**	*knḥ* [*knḥi*] = *ḳnḥy* No Wb?
chariot of war	**m{*õ*}rkAb{[ô]w}{*tè*}/** **ma*r*kAb{[ô]w}{*tè*}**	*mrkbt* [*m{y}rk3bwti*] Wb 2, 113.4 *mˁrk3bwti* Faulkner, 112
chariot, car [IE 'cart' - English?]	***a*gAr{*tè*} ['t' accentuated]**	*ˁg3rti* Wb 1, 236.9
chest (of woman or man)	**mn[o]d / mn[o]dj**	*mnd*  *mnd* Wb 2, 92.11-93.8
chew	w[ô]gæ ('g' accentuated?)	*wgi*  Wb 1, 376.1-2

chew; drink	**s[ô]db[*è*] / s[ô]tb[*è*]**	*sdb* Wb 4, 368.12-369.2
chick	**p[a]p[o]ï**	*ppy*
chief [lit. 'superior' (one in charge)]	**Hr[é]ï**	*ḥry*  Wb 3, 141.14-142.2
chief of the guard post	**{*ô*}n n[a?] wrsh[è]**	*ꜥ3n n wrš.t*
child = plur. 'children'  =	**Ħr[ô]d /** **Ħr[ô]tï /** **Ħr[ô]tch**	*ḥrd* = *ḥrty* = *ḥrṯ* Wb 3, 398.13-17
child (lit. 'small' [one]). [See also **κογι**] [IE = 'child' English?]	**k[oo]tch[*è*]**	*kṯ* No Wb?
child (male), youth	**æd /** **æ{t*è*} ['d' or 't' accentuated]**	*iḏ* = *iṯ* Wb 1, 151.8-11
child, boy	**n[*è*]n[oo] /** **{n[ô]w}{n[ô]w}** **/ n[*è*]næ**	*nn*  = *nn*  = *nni* (Pyr) Wb 2, 215.20-23
chisel	**m[a]djA ['dj' accentuated]**	*mḏ3.t* Faulkner, 123 Wb 2, 188.6-10
choose, pick out	**s[ô]tp**	*stp* *Wb 4, 337.5-338.7*
Christ-thorn, jujuba [*Ziziphys spina-Christi* L.]	**n[ô]bs** n[oo]bs? **/** **n[ô]bæs** n[oo]bæs?	*nbs*  = *nbis* Wb 2, 245.10-246.2
circle a wall (of its rays); surround (enemies), enclose; border	**ænH**	*inḥ*[*w*] Wb 1, 99.3-13
circumcise? (word seen in a circumcision scene)	**s[ô]b[*è*]t or s[ô]b[*è*] ['b' accentuated]**	*sb.t* [*sbt?*] Wb 4, 81.15
City	**b[a]k[*è*] ['k' accentuated]**	*bk.t* = *? b3k3.t* 'temple ground' Wb 1, 430.14

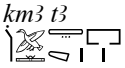
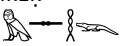
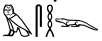
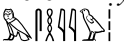
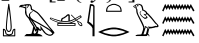
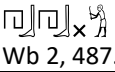
Cleopatra	**Qlæ{[ô]w}pAdrA**	*ḳliwpʒdrʒ.t*
climb; lift; find [lit. cause to climb]	**tï *a*l[o]**	*ty ʿl*
close (to, the mouth)	**t[o]mm / t[o]m**	*tmm* Wb 5, 308.5-9 = *tm*
close; seal [; shut] [IE = English 'shut']	**kh[ô]tm[*è*] /** **kh[ô]t[*è*]m ['t' accentuated]**	*ḫtm* Wb 3, 350-352.3 = *ḫtm* (Demotic)
clothe (French: 'vetir'), veil (French: 'voiler'), cover	**H[ô]bs**	*ḥbs* Wb 3, 64.3-65.17 = *ḥbs* (Demotic)
clothes	**sh[ô]rt / sh[o]rt**	*šr.t* [*šrt*] Wb 4, 524.8-11 = *šr.t* [*šrt*] 'band' [semantic shift?] (Demotic)
clothing [; textile] of some kind	**H[é]n[*è*] ['n' accentuated]** [Hn{[ô]w}?]	*ḥn* Wb 3, 104.6 = ? *ḫn* 'skin; textile'
cloud (filled with water)	**æg[é]p[*é*] /** **g[é]p[*é*] ['p' accentuated]**	*igp* Wb 1, 140.20-21 = *gp* 'rain shower [; cloud?] = *gp.t* (Demotic)
cloud [IE = 'cloud' English]; storm	**qr[oo]r[*è*] ['r' accentuated]**	*ḳrr* Wb 5, 61
clover (English: French: Trefle) [*Trifolium* sp?' related to '*Bersim*' = clover in Arabic?]	**Atr[i]m**	*ʒtrm*
coal	**dj*a*b [very likely ' dj*a*b[*è*] with 'b' accentuated]**	*ḏʿb.t* Wb 5, 536.8-17 = *ḏʿb.t* (Demotic)
coffin	**slA**	*slʒ*
coffin, sarcophagus; crate for idol, shrine	**dj[*é*]bA /** **dj[é]b{*ō*} [accentuated 'dj']** tb{*ō*}?	*ḏbʒ*  Wb 5, 561.8-12 = *ḏby-w* [*ḏb{wy}*]  = *tbẏ.t* (Demotic)

cold (lit. 'cold wind'); cold wind	**H{ō}dj /** **Hdj{o}**	*ḥ{wy}ḏy*  [= ] TLA: Meeks, AL 77.2944 = *ḥḏ{ȝy}* (n) metathesis 
colour	**æn[o]m /** æn[o]m[*è*]? accentuated 'm' by duplication?] / **æ{n[ô]w[*è*]}** [Plural form used as substantive?]	*inm* = *inw* [Plur.?]  Wb 1, 52.10-18
colour; aspect (figur.)	**æw[a]n**	*iwn* Wb 1, 52.10-18
colt, foal (of donkey)	skA	*sk3* Wb 4, 316.15 = *s3k.t* Wb 4, 315.12
comb	**{mè}shAdïdï / {mé}shAdï? Accentuation by duplication?**	*mšdd.t* [*mꜥš3dydy.t*]  Lesko, Dictionary I, 247 [TLA]
come [IE = 'eir' Latin]; return	**æ /** **{è}**	*ii* Wb 1, 37.29-30 = {*iw*} Wb 1, 44.1-45.6 = *iy* (Demotic)
come close, near, approach	**Ħ[ô]n /** **H{n[ô]}**	*ḥn* = *ḥn* (NK) Wb 3, 373.9-18
come out, exit, come forth, go forth	**p[è]r[*è*] ['r' accentuated]** / p[è]rï[*è*]?	*pry* [*pr*] (Ptol.) Wb 1, 518-525.3
come! (Imp. singular) [French: 'viens']	**æm[é]ï /** **[*e*]mæ /** ***a*mæï /** ***a*mæ**	*i-my* = *mi* Wb 2, 35.8-14 = *mi* [*miy*]  (Neo Egyptian) = *ꜥmw.t* [*ꜥmi*] (Neo E.)

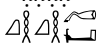
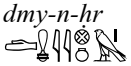
come! [Imp.]	**æ-m[ô]**	*i-m*
come, return	**{è}{[ô]w}**	*{iw}* Wb 1, 44.1-45.6
command, prescribe	**wAH s[ô]Hn[*è*]**	*wꜣḥ sḫn* Wb 4, 217.15
commander	**tch[ô]z /** **tch[o]s**	*ṯzw [ṯz.w]* Wb 5, 402.9-19 = *ṯs* (Demotic)
complete	**dj[ô]q**	*ḏḳ*
complete, come to an end, finish, terminate; reward	**m[ô]nq**	*mnḳ* Wb 2, 89.16-90.2
comrade, friend	**ær[é]ï /** **æræ /** **ær[*è*]** **plural:** **ærï{[ô]w[*é*]}** **ærï{oo[*é*]}**	*iry* Wb 1, 105.6-7 = *ir* (Demotic) = plural *iry.w* *iry.ii* [sic!]
comrade? commercial relation	**khb{o}r**	*ḫbꜣyr [ḫb{ꜣy}r]*  Wb 3, 254.9-10 = *ḫbr* 'friend; comrade' (Demotic)
conceive (child), be conceived; be pregnant	**{è}r /** **[e]ï** **{è}r**	*{iw}r [ir]* = *y* Wb 1, 56.1-7 = *{iw}r* (Demotic)
conciliate; also: be peaceful; be gracious; be pleasant; be happy	**H[ô]tp**	*ḥtp* Wb 3, 188.2-192.10 = *ḥtp* (Demotic)
conjure (something); abjure; swear (an oath)	***a*rk[ô]**	*ꜥrḳ* Wb 1, 212.17-213.3
constraint; outrage, violence	**gAnïshA**	*gns [gꜣnysꜣ]*  Wb 5, 177.5-6

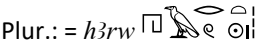
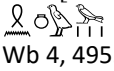
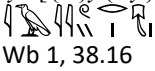
consume, devour; chew; utter	**w[ô]sh*a* / w[o]sh**	*wšʿ*  Wb 1, 370.6-13 = *wš* (Demotic)
contract, draw together, fold, bend	kr[ô]f	*ḳrf* Wb 5, 60.7-8
conyza? (*Erigeron viscosum* L.)	**æn[ô]nk** æn[oo]nk?	*innk* Wb 1, 97.10-11
cook	**f[*è*]s**	*fs(y)* Wb 1, 551.5-552.5
cook	**pf[*è*]s /** **p[è]sï ['f' accentuated]**	*pfs(y)* = *psy* (Demotic) No Wb?
cook [IE = English 'cook']	**k[ô]k**	*kk*
cool [with water?] [IE = English '**co**ol'?]	sq[ô]b[*è*] / sq[ô]b[*è* ['b' elongated by duplication] / zq[ô]b[*è*]	*s-ḳb* [*sḳb*] = *sḳbb* = zqb Wb 4, 304.6-305.8
cool, fresh; cool, refresh (to be)	**qbH[ô]**	*ḳbḥ* Wb 5, 26.5-12
cool; calm (to be); refresh, make fresh [IE? = English 'cool']	**qb[ô] /** **qb[ô]b /**	*ḳb* = *ḳbb* Wb 5, 22.5-23.20
Coptos (Qift) as in ‘Min of Coptos’[36] 	**G[*è*]bt{o}**	*Gbtꜣy* [*Gbt{ꜣy}*] Wb 5, 163.2 = *Gbt{ꜣy}* (with aesthetic arrangement / quadrature) 
cord; string [lit. 'the tying thing = French 'attache']	**H[è]tr[*è*] ['r' accentuated]**	*htr* = *ḥtr.w* Wb 3, 202.1
coriander (*Coriandrum sativum*)	**shA{[ô]w}**	*šꜣw* Wb 4, 400.15-19

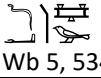
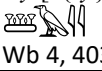
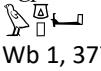
[36]TLA DZA 30.639.470. See the note in the table listing digraphs for this term.

corner [IE = French '**co**in'?]	**qɑH**	*ḳʿḥ* [Wb 5, 19.16-20.8 = *ḳʿḥ* (Demotic)
count	æp? / æp[è?]	*ỉp* Wb 1, 66.1-13
count (to)	**æp**	*ỉp* Wb 1, 66.1-13 = *ỉp* (Demotic)
count, quantity, census [lit. 'every'] (French: 'recensement')	tch[è]n or tch[è]{n[ô]w}?	*ṯnw* [*ṯn.w.t*] Wb 5, 379.5-15
crate (in wood or gold, to put [all sorts of things])	**H[é]n[è]**	*ḥn* Wb 2, 491.10-20
crate for birds	**dj[é]bA /** **tch[é]b[a] /** **t[è]b[a]**	*ḏbꜣ* = *ṯb* Wb 5, 561.14 = *ṯb.t* Wb 5, 261
Creator of earth = Earth Creator	**q[o]mA-tA**	*ḳmꜣ tꜣ*  includes *ḳmꜣ* Wb 5, 36.6-7
crocodile	**mz[a]H /** **ms[a]H /** **Plural: msH{oo}w[è]**	*mzḥ*  = *msḥ*  Wb 2, 136.10-14 137,1 = *msḥ* [(Demotic)] Plural: *msḥyw* 
cross river or a body of water; ferry (to). Close to *ḏ{ꜣy}* 'cross'	**dj{o}r[è]**	*ḏꜣir* [*ḏ{ꜣy}r*]  Wb 5, 511-513.14
crown (of king) [IE? = English 'crown', French 'couronne'?]	**ql[ô]m**	*ḳlm*
crush (with the foot) [; trample], tread; traverse	**h[ô]bh[è]b**	*hbhb*  Wb 2, 487.21-25
crush? [in the preparation of the fruits of Christ's Thorn (*Ziziphus spina-Christi* = *nbs*)]	kh[ô]mkh[è]m ['è' accentuated]	*ḫmḫm* Wb 3 283.7
cry, [shriek] (of the goose or of the falcon [sic])	n[ô]gn[ô]g	*ngng* =

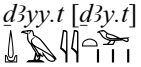
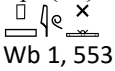
		= (LE) No WB? Van der Molen, Dictionary of Coffin Texts, 252 (TLA)
Cuckoo? (bird) [ZOO] [IE = French 'coucou'?]	**q[oo]q**	*kk* Wb 5, 71.11
cucumber (*Citrullus vulgaris* L.)	**sh[ô]p[*è*] ['s' long by duplication?]**	*sšp.t* Wb 4, 284.11 = *sšp šp* (Demotic)
cucumber garden (TLA)	**b[o]nd[*è*] [accentuated]**	*bnd* Wb 1, 464.13
cumin [*Cuminum cyminum* L.]	**t[*è*]pn[*è*] [accentuation by duplication]**	*tpnn* Wb 5, 296.9-10
cup (n.) (French: bêcher) [IE = 'pot' English?]	**æp[o]t**	*ỉpt* Wb 1, 69.17
cup (of precise dimensions); measure [the 'Hin' = 0.45 of a litre]	**H[i]n** H{n[ô]}w[*è*]? [Plural formas substantive?}	*ḥnw* [*ḥn.w*] Wb 2, 493.2-14 = *ḥn* (Demotic)
cure (lit. cause to cease); cease	**d{o}-lk[è] / dalk[è]**	*dy.t lk* = *lyk ʿlk*
curse, damn, vilify, reproach	**sHw[ô]r**	*s-ḥwr* [*sḥwr*] Wb 4, 213.4-6
Cusae [El *Ḳ*oussiyeh / Qoussiyeh (place of worship of Hathor) – *Ḳ*ū*s Ḳ*am until XIXth cent].	**Q{o}s** / **Q[ô]s** /	*Ḳ3ys* [*K*{*3y*}*s*] = = *Ḳs* TLA DZA 30.416.810
cushion (in leather) [IE = English 'cushion'?]	**sh[ô]d**	*šd* Wb 4, 560.8
cut [lit. put in piece? = (Demotic): *šʿt* 'piece' (n.)]	**sh*a*d /** **sh*a*t / sh[a]t**	*šʿd* Wb 4, 422.3-17 = *šʿt št* (Demotic)
cut or derivate meanings]: kill; crush, slay (an enemy); enter (a door - semantic shift?)	**kh[ô]bkh[*è*]b ['b' accentuated]**	*ḫbḫb* Wb 3, 255.7-8 = *ḫbḫb* (Demotic)
cut throat, throat cut, slaughter, make a sacrifice	z[ô]ftch	*zft* Wb 3, 443.15-24

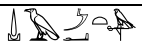
cut up, slaughter, throat cut	z[ô]f	*zf* Wb 3, 442.11-12
cut, mould; hammer	**k[a]HkH / q[a]Hq[a]H**	*khkh* = *ḳḥḳḥ*  Wb 5, 67.6-8
cut; brake], rather than 'hit' (the neck of th ox) [IE = English 'cut']	**k[ô]tk[*è*]t [second 'k' accentuated] /** **k[o]djkd[*è*]j**	*ktkt* Wb 5, 146.13-14 = *ḳḏḳḏ* (Demotic)
daily, everyday	**m[*è*]-m[é]n[*è*] /** **n[è]-m[é]n[*è*]**	*m mn.t* Wb 2, 65.9-11 = *n mn* [(Demotic)]
damage [; cut?] [IE = French 'couper'? English 'chop']	**g[ô]b**	*gb* Wb 5, 161.8-162.5 = *gb* 'cut' (Demotic)
damage; miss	**H[ô]dj**	*ḥḏy* [*ḥḏ*] Wb 3, 213.17-20
Damanhur (lit. Town of Horus)	**dmï-n-H[ô]r ['d' accentuated]**	*dmy-n-ḥr*  No Wb?
dame, noble lady [lit. 'precious or excellent [one] from]	**sh[a]ps[*è*] ['s' accentuated]**	*šps.t* Wb 4, 449.10-450.14 = (Ptolemaic) = *šps.t* (Demotic)
dance; dancer (n.)	**k[o]sk*[è]*s [second 'k' accentuated] /** **g[o]sg*[è]*s**	*ksks* Wb 5, 141.14bis-142.4 *ksks.t* '[female] dancer' = *gsgs* (Demotic)
darkness? [French 'ténèbres?]; fog?	nfï	*nfy* Wb 2, 251.8
date [fruit]	**b[*è*]nï/** **b[è]nræ ['n' accentuated?]** **bn[i] or bn[e]**	*bny* Wb 1, 461.12-16 = *bnry* MK = *bn* (Demotic)
date tree - palm tree	**b[*è*]nï ['b' accentuated]**	*bny.t* Wb 1, 462.1-3

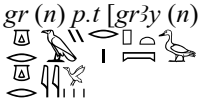
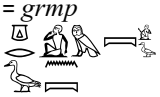
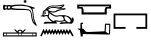
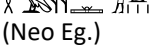
date tree wine, date tree juice	**b[*è*]n{è}**	*bnyw* [*bn{iw}*] Wb 1, 462.4-5
daughter	**zAt /** **sAt**	*z3.t* [*z3t*] Wb 3, 411.9-412.7 = *s3.t* [*s3t*] (Demotic)
day [IE = Armenian օր 'or' 'day]	**hr{[ô]w} hr{[ô]w}[*è*] /** **h{[o]w}[*è*] ['w' accentuated] /** **h{Au}** **Plur. hAr[{[ô]w[*è*]}**	*hrw* Wb 2, 499.1-500.2 = *hw* (Demotic) = *h{3w}* (Neo E.) Plur.: = *h3rw* 
daybook [lit. 'of the day [book]';	**Hr{*ō*}**	*hrw* [*hrwy.t*] Wb 2, 500.26
deaf	**z[ô]Ħ / s[ô]Ħ**	*zẖ* *sẖ.t* Wb 3, 473.16-474.7,9,10
deaf [man or woman]	**z[ô]khï**	*zẖy* Wb 3, 474.11-12
deaf, mute (to be)	**ænbA**	*inb3* Wb 1, 96.2
death [IE = French 'mort']	**m[ô]wt**	*mwt* Wb 2, 166.10-17
Decan [of the] Leg / Leg Decan	**w*a*r[é]{tè}** **['t' accentuated]**	*wꜥr.t* [*wꜥrt*] Wb 1, 288.8
decease (n.); trouble; need	**sh{n[ô]w} /** **sh[o]n[*è*] [metathesis]**	*šn-w* [*šn.w*]  Wb 4, 495.1-7 = *šn* (Demotic)
deep, to be	m[ô]dj	*md* Wb 2, 184.4-7
deer [stag] [IE: Word with a Celtic phonology/origin?]	**{ä}y{*ō*}r**	*iyr* [*{i3}y{wy}r*]  Wb 1, 38.16
defeat (enemy); rage	**kh*a*r[*è*] ['r' accentuated] / kh[a]r[*è*]**	*ḫꜥr* = ? (NK) 'be in anger' Wb 3, 244.2-7

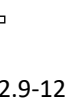
delete, efface [, erase] (an inscription)	**k[ô]rp**	*krp* Wb 5, 135.6
delight in, rejoice of [IE = English: cheer?]	**tch[*è*]r[é]r /** **t[*è*]l[é]l [‹tch› or ‹t› accentuated]**	*ṯrrw* [*ṯrr.w*] Wb 5, 387.4 = *tll* (Demotic)
delimit (French: 'délimiter'), fix the limits; share; divide	**tAsh /** **tchAsh**	*t3š* = *ṯ3s* [rare] Wb 5, 236.15-237.8
Dendara [lit ' [The] Sanctuary [of] the Goddess].	**{È}n[i] tA-[*e*]ntch[o]r[è] /** **{È}{n[ô]} tA-[*e*]nt[o]r[è] /** **{È}n[i]**	*ỉwn.t t3 ntr.t* = *{iw}nw.t t3 ntr.t* = *{iw}n.t* Wb 1, 54.11-12
deposit, lay down, offer; put; let; sojourn, live; endure	**wAH**	*w3ḥ* Wb 1, 253.1-257.6 = *w3ḥ wḥ* (Demotic)
depth (of sea, earth, building, dimension)	**mdj[ô] /** **md[ô]**	*mḏw.t* [*mḏ.w.t*] = *md.t* Wb 2, 184.8-14
Descend	**rah[*è*]tp**	*rꜥ-ḥtp*
desert (be)? mourn?	Dj*a*	*ḏꜥ*  Wb 5, 534.12
despise; laugh at	**s[ô]sh**	*sš*
destiny; hazard	**sh{o}**	*š3y* [*š{3y}*]  Wb 4, 403.11-404.11
destroy, crush; pound	**w[ô]gp ('g' accentuated)**	*wgp*  Wb 1, 377.5-8 = *wgp* (Demotic)
destroy; burn up; shrivels	**n[a]sr / n[oo]sr**	*nsr* Wb 2, 335.4-11
detach, untie, loosen, relase	s[ô]fkh	*sfḫ* Wb 4, 116.2-117.5
devour (n.)	***a*m*a*m**	*ꜥmꜥm* Wb 1, 186.9

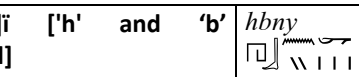
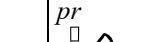
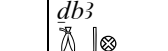
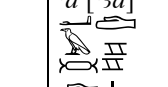
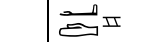
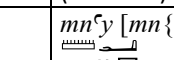
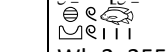
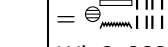
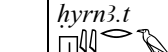
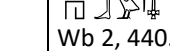
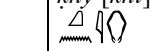
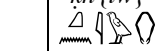
dew; divine dew; divine force	**y[ô]t[è] /** **{ä][ô]d[è] ['t' and 'd' accentuated]**	*y'.t.t yt.t* = *i3d.t* Wb 1, 36, 1-7
dew; divine dew; divine force; scent; rain (pouring)	**æ[ô]d[è] /** **{ä}[ô]d[è] /** **y[ô]d[è] /** **yAt[è] [accentuated 't']**	*id.t* = *i3d.t* [*{i3}d.t*] (NK) Wb 1, 36.1-7 = *yd.t* (Ptol.) = *y'.t.t yt.t* (Demotic)
Diadem	**gr[é]p[è] ['p' accentuated]**	*grp.t*
die [IE = French 'mort'?]	**m[ô]wt**	*mwt* Wb 2, 165.8-166.9 = *mw.t* [*mwt*] [(Demotic)]
different (be) = *rw*[*i3*]*ty* 'other'	**w[ô]t**	*wt*
dig, cave	shAd[é] / sh[a]tï	*šdy* [*š3d*] Wb 4, 563.1 = *šty* (Demotic)
dignify (be); apt, worth, suitable	**sh{Au}**	*š3w* [*š{3w}*] Wb 4, 404.13-18 = *šw* (Neo. E)
dill (*Anethum graveolens*)	**Amïs**	*3ms* = *ims.t* Wb 1, 88
dill (*Anethum graveolens*)	**æm[i]s[è] /** **Amïs[è] ['s' accentuated]**	*ims.t* Wb 1, 88.9 = *3mys* (Demotic)
Diminish	**kh[ô]b**	*ḫby* [*ḫb*] Wb 3, 251.3-19 = *ḫb* (Demotic)
dip; wet, moisten; irrigate	**t[ô]kh[è]b /** **t[ô]Ħ[è]b**	*thb* Wb 5, 326.1-11 = *thb thb* (Demotic)
director, master	**kh[a]rp**	*ḫrp* Wb 3, 328.2-19

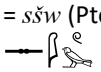
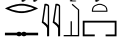
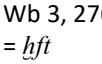
dirt	**djAn{o} -r[o]**	*ḏnir* [*ḏ3n3i-r*] Wb 5, 575.12
dirt	**k[o]rkï**	*krky*
dirty [see also *dnmm*]	**dj[ô]Hm[*è*] ['m' accentuated]**	*ḏḥm*
dirty; be dirty [see also *ḏḥm*]	**d[ô]nm[*è*]** [accentuated 'm' by duplication]	*dnmm* Wb 5, 312.9
disembowel, cut open, gut	**w[ô]gs**	*wgs* Wb 1, 377.12-15
disgust (v. to have)	**f[ô]t[*è*] ['f' accentuated]**	*ft* (Wb I 580)
disgust, abomination; lie, sin; thirst [French 'berk']	**b[é]{[ô]w}**	*bw.t* Wb 1, 453.7-454.7
disobey; unfortunate event (n.)	**dj{o}**	*ḏ3yy.t* [*ḏ3y.t*]  Wb 5, 518.3-18 = *ḏ3* 'be bad' (Demotic)
disturb [; quarrel?]	**kh[ô]n[*è*] ['n' accentuated]**	*ḫnnw* [*ḫnn.w*] Wb 3, 383.4-9 = *ḫnn* = *ḫnn* (Demotic)
disturb; be disturbed; confuse	**t[ô]kh [accentuation by reduplication] / tkhï**	*thth* Wb 5, 328.8-13 =*thy* (Demotic)
divide, separate; cut; judge [IE = English 'judge']; appoint	**w[ō]dj*a* ['ô' or 'dj' accentuated]**	*wḏ*^{c} Wb 1, 404.3-406.12
divide, share [IE = English '**sha**re'?]	**p[ô]s[*è*]sh /** **p[ô]z[*è*]sh /** **p[ô]sh{è} ['s' accentuated]**	*psš* = *pzš* = *pš{iw}*  Wb 1, 553.6-554.1
divide, share, leave	**p[ô]rtch / p[ô]rdj**	*prt* = *prḏ* Cerný, CED 129 (TLA) = *prḏ* (Demotic)
Djamé (locality between Medinet Abu and Deir el Medina)	**tchAm[*è*] /** **djAm*a* /**	*ṯ3m* = *ḏ3m*^{c} (NK - XXth)

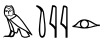
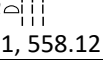
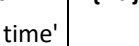
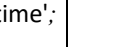
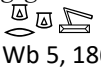
	dj[*è*]mA [‹tch› or ‹dj› accentuated]	 = *ḏm3* (Demotic)
Djed pillar	**dj[a]d**	*ḏd* Wb 5, 626.11
do!	**ærï!**	*i-iry* Wb 1, 108.5-112.11
do!	**ær[i]r[*è*] ['r' accentuated]**	*irr* No Wb?
do, make ; many derivative verbs [IE = Armenian 'ara' in 'mi-ara' do not do = '*m iry*' [m[V] + ærè] 'do not do' = **ⲙⲡⲟⲣ ⲙⲫⲟⲣ**]	**ærï/ ær[*è*] ['r' accentuated] / ær**	*iry* [*ir*] Wb 1, 108.5-112.11 = *ir* (Demotic)
doctor, medic, physician	**z{n[ô*w*]} /** **s{n[ô*w*]}**	*zwnw* Wb 3, 427.7-15 = *synw* (Demotic)
Dom palm fruit / nut (*Hyphaene thebaica* L.)	**q{[ô]w}q**	*ḳwḳw* [*ḳwḳ.w*] Wb 5, 21-14
Donkey	**[*è*]{*â*}**	*ꜥ3* Wb 1, 165.6-11 = *ꜥ3* (Demotic)
don't [IE = English 'don't' or Armenian 'dem' 'against'?]	**t[*è*]m**	*tm*
door, doorway, portal	**sbA /** **sb{o} /** **sb[a]** **Plural: sb{Au}wï**	*sb3* = *sb3y* [*sb{3y}*] TLA DZA 29.088.580 = *sb* [aesthetic disposition] Plural: = *sb3wy* [*sb{3w}wy*] Wb 4, 83.9-17
doorkeeper	**ærï-{*â*}**	*iry ꜥ3* [*iry {ꜥ3}*] Wb 1, 104.3

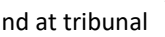
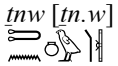
dove [lit. [bird? (of the) sky] [IE = Latin 'colomba' or French 'colombe']	**gr{o}-[n]-p[*é*] /** **gr[o]mp[*é*] ['p' accentuated]**	*gr (n) p.t [gr3y (n) p.t]*  = *grmp*  Wb 5, 181.2 = *grmp* (Demotic)
dovecote; farmyard?	**mHw[a]n**	*mḥwn*  Wb 2, 128.2
dowry [lit. 'equipment' (of marriage)]	**gr[é]g[*è*]**	*grg.t* Cerný, CED 337
draw [water]	**dj[ô]l[*è*]H**	*ḏlḥ*
dream	**r[a]s/ r[*è*]s** **Plur.: r[*è*]s{[ô]w[*è*]}**	*rsw.t [rs.w.t]* Wb 2, 452.1-4 = *rsw.t rsw* (Demotic)
dream [lit. see]	**p[ô]r[*è*] /** p[ô]tr[è]?	*pr* = *pry* (Demotic) = ? *ptr* (Pyr.) Wb 1, 564.1-19
drill [French: foret], awl, borer	**sAH**	*s3ḥ* Cerný, CED 172 (TLA)
drink	**z{[ô]w}r /** **z{[ô]w}ræ /** **s{[ô]w}r**	*zwr* *Wb 3, 428.5-17* = *swry [swri]* (MK) = *swr*
drop [French: 'goutte']	**tltl / t[*è*]lt[*è*]l**	*tltl*
drudgery, corvee, burden, work	H{Au}? / **H{o}**	*ḥ3 [ḥ{3w}?]* = *ḥ{3y}*  (Neo Eg.) Wb 2, 475.7 = *ḥyy.t* 'pain; suffering, worry'
drum, timbale ['tarraboca of some kind made probably of leather in view of the det.]	**kmkm = k[*è*]mk[*è*]m ['k' accentuated]**	*ḳmḳm* Wb 5, 40.5
drunk (be or get); drink well [IE = English: '**dr**unk']	**t[ô]kh[*è*] /** **t[ô]khï /**	*ṯḥy [tḥ]* = *ṯḥy*

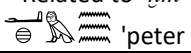
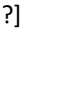
	t[ô]kh{è} / **t[ô]khï**	= *tḫ{iw}* Wb 5, 323.13-324.17 = *tḫy* (Demotic)
dry (v. & adj.) [IE = French: 'sécher']	**sh{[ô]w[*è*]} ['w' accentuated] /** **s[o]w[*è*]**	*šw* Wb 4, 429.5-9 = *sw* (Demotic)
dry; destroy; weaken; perish; wither [of flowers]	**H[ô]bk**	*ḥbḳ*
duck; goose; bird; [IE = Armenian: bad; Spanish: 'pato']	**Apd / Apt / æpd / æpt**	*ꜣpd* = *ꜣpt* = *ỉpd* = *ỉpt* Wb 1, 9.5-8
dust	**khïkh**	*ḫyḫ*
dust? ashes?	s[i]s[*è*]	*ssw* Wb 3, 474.13
dwarf [IE = French 'nain'?]	**nem**	nem
dyer	**tch[é]kA**	*ṯkꜣ*
ear; handle	**m[a]sdjr /** **m[a]sdj**	*msḏr* Wb 2, 154.13-16 = *msḏr msḏ* (Demotic)
earring	**g[a]dj[*è*]**	*gḏ*
earring	**q[a]sh[a]b[*è*]r**	*ḳšbr*
earth, silt, clay for pottery [IE = English: '**clay**']	**qAH**	*ḳꜣḥ*  Wb 5, 12.9-12
eastern; left [IE = English 'Eastern']	**{ä}bt[è]ï /** **{ä}bt /** **{äbt[*è*] ['t' accentuated]**	*ỉꜣb.t-y* [*{ỉꜣ}bty*] = *ỉꜣb.t* [*{ỉꜣ}bt*] = *ỉꜣbti* [*{ỉꜣ}bti*] Wb 1, 30.16-31.1
eat [IE = Armenian: ուտել 'oudel'?]	**w[ô]nm /** **w[o]m**	*wnm* Wb 1, 320.1-321.12 = *wnm wm* (Demotic)

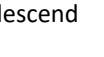
ebony (*Dalbergia melanoxylon*) [if genitive *y/i* than '*ḥbny*' may refer to a geographical area]	**h[è]b[è]n[o]ï ['h' and 'b' accentuated]**	*ḥbny* 
Eczema	**p[è]r[è] ['r' accentuated]**	*pr*  No Wb?
Edfu	**DjbA /** **Tb[a]**	*ḏbꜣ*  Wb 5, 562.1 = *tb* (Demotic)
edge land (near desert); irrigated land (near river) [IE = 'edge' English?]	**{â}d /** ***a*d /** ***a*dj /** ***a*t**	*ꜥd* [*ꜥꜣd*]  = *ꜥd*  Wb 1, 168.12 = *ꜥḏ* Wb 1, 239.6 = *ꜥt* (Demotic)
educator [litt. 'one of nurturing' = 'nurturer']	**m[o]n{õ}**	*mnꜥy* [*mn{ꜥy}*]  Wb 2, 78.11-15
eel? kind of fish	**kh[è]dj[è] ['dj' accentuated]**	*ḫḏw* [*ḫḏ.w*]  Wb 3, 355.19
egg [IE = Armenian 'ձու' 'dzou']	**s{[ô]w}H[è] ['H' accentuated]**	*swḥ.t* Wb 4, 73.1-74.1 = *swḥ*
Egypt [lit. the 'Black Land'; see *km* 'black']	**k[é]m[è] ['m' accentuated]**	*km.t* Wb 5, 127.4-127.17
eight	**khm[ô]n /** **khm[ô]n[è] ['n' accentuated]**	*ḫmn* [*ḫmn.t*] =  Wb 3, 282.10-11
Eirene (i.e. 'Greek: Εἰρήνη, Eirēnē, [e:ré:nɛ:], lit. "Peace")	**Hïr[é]nA**	*ḥyrnꜣ.t* 
Elephantine [IE = English '**el**ephant'?]	**Ab / Ab[é?]**	*ꜣbw* [*ꜣb.w*] Wb 1, 7.18-20
embers (French: 'braise')	[*e*]rh[o]b	*rhb* [*rhb.w*]  Wb 2, 440.3
embers, fire heat, fire ember	**rh[ô]b**	*rhbw* [*rhb.w*] Wb 2, 440.3
embrace (v. and n.); 'giron" [IE = Armenian 'qnkel'?]	**qnæ /** **qn{è}**	*ḳny* [*ḳniw*]  =*ḳn{iw}*  Wb 5, 50.7-12

embrace, surround, enclose	**H[ô]tp**	*htp* Wb 3, 71.16-72.8
emmer	**b[ô]t[*è*] ['t' accentuated] /** **b[ô]d[*è*]**	*bt* = *bd.t* Wb 1, 486
emmer (*Triticum dicoccum*) [IE 'é**peaut**re" French?]	**b[ô]d[*è*] /** **b[ô]t[*è*]ï /** **b[ô]t[*è*]**	*bd.t* = *bti* MK Wb 1, 486.14-487.7 = *bt* (Demotic)
empty (be); empty	**shw[ô]**	*šw* Wb 4, 426.6-427.19 = Wb 4, 428.1-21 = *sšw* Wb 4, 282.1-4 = *sšw* (Ptolemaic) 
empty [water from a boat; French 'puiser', 'écopper']	**p[ô]nq**	*pnḳ* Wb 1, 510.11-15
enclose; surround, wrap in [IE = English 'en**clo**se']	**kn[ô]m / gl[o]ml[*è*]m**	*knm* Wb 5, 132.5 = ? *glmlm* (Demotic)
enclosure [French: 'enclos']	**rs[o]ï / rs[o]**	*rsyy.t* [*rsy.t*]  No Wb? = *rs* (Demotic)
enemy, opponent	**kh[a]ftæ /** **kh[a]ft[*è*?] /** **kh[a]ft{è} /** **kh[a]ftA /** **kh[a]ftï**	*ḥfti* = *ḥft* = *ḥfti* = *ḥftɜ* = *ḥft-y* [*ḥft.y*]  Wb 3, 276.12-277.5 = *ḥft* (Demotic)

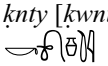
enflamed (be) [be angry?]	**sh[ô]sm /** **s[ô]shm{tè}**	*šsm* = *šsmti*  Wb 4, 546.1 = *šsm sšm* 'be angry'
Ennead [lit. [(The) Nine (Ones)]	ps[i]dj[è] ['dj' accentuated]	*psḏ.t*  Wb 1, 558.12
enter, usher (someone)	***a*q /** **{ä}q**	*ꜥḳ* Wb 1, 230.3-232.9 = *ꜥḳ* (Demotic) = *i3ḳ* [*{i3}ḳ*]
enter; walk in	**kh[ô]nd**	*ḫnd* Wb 3, 312.16-313.20
entrails	**m[a]Ħt / {** **mè}Ħt /** **m[è]Ħt**	*mḫtw* = *mꜥḥ.t* Wb 2, 135.4-6 = *mḫt* (Demotic)
entrance, portico, portal	**kh{o}{tè} /** **kh{o}t**	*ḫ3y.t-y* [*ḫ3yti*] = *ḥ3y.t* [*ḥ{3y}.t*] Wb 2, 476.4-11 = *ḫy.t* (Demotic)
envy, jealousy, calumny	**l*a***	*l'* [AE r'?]
epoch; time period; time; as in:  *h{3w} nfr* 'good time' or  *h{3w} bin* 'bad time'*; lifetime*	**h{Au} / h{o}**	*ḥ3w* [*h{3w}*] Wb 2, 478.1-13 = *ḥ3y* [*h{3y}*] TLA DZA 26.323.360 = *h3* [*h{3y}?*] (Demotic)
equalize; make equal; make correspond	**kh[ô]ïkhï**	*ḫyḫy* Wb 3, 331.12
equip; establish	**g[ô]rg**	*grg*  Wb 5, 186.4-169.2 = *grg* (Demotic)

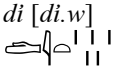
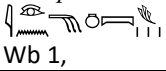
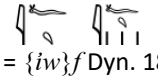
erect, put up [lit. 'cause to stand']; put up someone to stand at tribunal	**s*a*H*a* / saHa**	*s-ᶜḥᶜ [sᶜḥᶜ]*  Wb 4, 53.2-54.8 = *s-ᶜḥᶜ [sᶜḥᶜ]* (Demotic)
Esnah	**[E]snï**	*sny* No WB?
establish [lit. cause to remain], make firm, make endure	**sm[i]n[*è*] ['n' accentuated]**	*s-mn* Wb 4, 131-134.7
establish, found	g[ô]rg[*è*]	*grg* Wb 5, 186.4-187.23
eternity [IE = English 'eternity'?]	**[æ]n[é]H[*è*] ['H' accentuated]**	*nhh* Faulkner, 137 & Wb 2, 299.2-302.9 = *nḥyyt* (Dyn. XXIII) [second *ḥ* is an aesthetic disposition; see *nḥ.w* 'oil' for a similar case]
evening [lit. 'towards [the] night' or better 'entrance/mouth of night']	**r{[ô]w}hA**	*rwhȝ* Wb 2, 409.4-6 = *rhy* (Demotic)
event [;astonishing thing; miracle [lit. 'happening']	**khp[é]r[*è*] ['r' accentuated] /** **khp[é]rï**	*ḫpr.t* Wb 3, 263.2 = *ḫpry* (Demotic)
every (+ substantive)	**tch[*è*]n /** **t[*è*]n ['t' accentuated]**	*tnw [tn.w]*  = *tnw [tn.w]* Wb 5, 377.11-378.27
every year	**tch[*è*]n-r[o]np[*è*]** **['p' accentuated]**	*tnw-rnp.t* [V's source is not clear as Wb 385.11-12 does not show the expression as cited]
evil (adj.) [IE?]	**b[ô]in**	*bin* = *bin* Wb 1, 442
evil thing (the, n.)	**bæn[*è*] ['n' accentuated]**	*bin.t* Wb 1, 444.1-9
example, model [lit. things brought [together]?] [TLA corrects the meaning as ' messenger; supplier; bearer' (Wb 1, 91.19-92.1) but there seems to be two distinct words]	**æn[ô]w[*è*] [*è* is here not an accentuation but a plural]**	*inw* Wb 1, 92.8

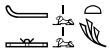
excited, foolish (to be, [IE = 'libido' Latin?]	**ïïb[*è*] / Ibï**	*lyb / lby*
excrement; manure	**H[a]s**	*ḥs* Wb 3, 164.4-10 = *ḥs* (Demotic)
extinguish (a fire), extinct; quench = Related to *ʿḥm*  'peter out' (of water)	***a*khm**	*ʿḥm* Wb 1, 224.15-19
eye [IE = 'eye' English]	**æ[i][*è*]r / i[æ]r[è]**	*ir.t* Wb 1, 106.6-107.20 = *ir.t / yr.t* (Demotic)
eye, eye ball[s?]	**b[a]r /** **b[e]r** **['b' accentuated]**	*br-wy* [*br*]  Wb 1, 465.5
eyebrows [lit. what encircles? *inḥ*]	**ænH /** ***a*nH**	*inḥ* = *ʿnḥ* (Ptol.) Wb 1, 99.1-2
face	**Hr[a]**	*ḥr* Wb 3, 125.6-127.14 = *ḥr* (Demotic)
faeces, coprolites, excrements	**H[ô]ïr[*è*] /** H[ô]ræ? / H[o]ri?	*ḥry.t* [*ḥry.ii*] = *ḥry.t* No Wb? = *ḥr.t ḥʿyr.t* (Demotic)
falcon	**bæk / bik**	*bik* Wb 1, 444.13-445.8 = *bk* (Demotic)
falcon	**b[è]k / b[è]k / bik**	*bk* = *bik* Wb 1, 444
falcon or kyte type of bird	**djr[*è*] / djræ / djrï ['r' accentuated]**	*ḏr.t* = *ḏrỉ.t* = *dry.t* Wb 5, 596.2-8
fall	**p[ô]s[*è*]kh ['s' accentuated]**	*psḫ* Wb 1, 550.16-18
fall	**kh[ô]r**	*ḫr* Wb 3, 319-321.5

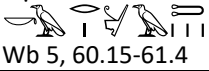
fall (on ground); fall (n.) [IE = English 'drop'?]	**Hd[ô]p**	*ḥdp* Wb 3, 205.8-17 = *ḥtp* (Demotic)
fall (to make), slide; steer (a ship) of course;	**zbn /** **sbn**	*zbn* = *sbn* MK TLA DZA 28.595.380 & Wb 3, 433.7-16
fall, make = make to fall [; destroy?]	**kh[ô]r**	*ḫr* Wb 3, 319-321.5
fall; descend	**hAï[*è*]** h{o}? **h[a]ï[*è*] ['è' accentuated]**	*ḥ3y*  = Wb 2, 472.3-474.25 = *hy* (Demotic)
family, kin	**{m*è*}h{Au}[*è*] /** **{mè}h{o}[*è*] /** **{mè}h{[ô]w}[*è*]**	*mhw* [*mꜥḥ{3w}*] Wb 2, 114.7-12 = *mꜥḥ{3y}* = *mꜥḥw.t*
fan	n[è]ft? / n[è]f{o}?	*nf.t* (OK) = *nfyy.t* [*nf{[3?]y}.t*] Faulkner, 131 & Wb 2, 250.10
far (to be), take afar (French: 'éloigner')	**w{o}/** **tw{*ō*}**	*w3y* [*w{3y}*] Wb 1, 245.3-13 = *ty wy* [*ty{wy}*] (Demotic)
far from; keep away (to keep oneself), remove oneself	**H[ô]r /** **H[ô]rï /** **H[o]r**	*ḥry* [*ḥr*] = *ḥry* Wb 3, 144-146.5 = *ḥr* (Demotic)
far way one (n.)	**H[ô]r[*è*] ['r' accentuated]**	*ḥr.t* No Wb?
fat (to be, to get)	**q[*è*]nï ['n' perhaps long]**	*ḳny* Wb 5, 40.8-14
father	**æ[ô]t / i[ô]t / i[ô]t[*è*] ['t' accentuated, probably also for first two forms, hence: æ[ô]t[*è*] / i[ô]t[*è*]]**	*it* Wb 1, 141.10-19

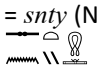
father [IE = English 'father']	**æ[ô]t[*è*]f** **['f' may be silent or part of a respectful address æt[*è*]=f, like as in English 'His Majesty']**	*itf* Faulkner, 32
father-in-law / mother-in-law = ? *š3m* 'parents through alliance' (NK) 	**sh[ô]m**	*šm* = *šm.t* 'mother in law' (OK)
Fava bean (French: 'feve' = *Vicia faba* L.). [IE = French 'fève']	**p{*ō*}wr /** **p{*ō*}ïrï /** **p{*ō*}ïr{ä}**	*Pwr* [*p{wy}r*] [aesthetic disposition] = *prỉ* [*pyry*] = *pwyri3* [*p{wy}r{i3}*] Wb 1, 531.12
fear	**Hn[ô]H[*è*] ['H' accentuated]**	*ḥnḥ.t* Wb 3, 115.7
fear (for oneself of...)	**shl[a]H**	*šlḥ*
feast	**H[ô]b**	*ḥb* Wb 3, 57.5-58.21 = *ḥ̣b* (Demotic)
feather	**m[é]h[*è*] ['h' accentuated]**	*mḥ.t* Wb 2, 123.6-10
feet soles [French 'plantes des pieds']	**kAp /** **g[a]p**	*kp-w* [*k3p.w*] Wb 5, 119.1 = *gp* (Demotic)
fennel (*Foeniculum vulgare* L.)	**sh[a]m[a]r**	*šmr*
fibres, hair (of palm tree)	**shnï / sh[è]nï**	*šny* Wb 4, 499.9-501.3
field	**AH[*è*] /** **æH[*è*] ['H' accentuated] /** **[*e*]HA**	*3ḥ.t* = *iḥ.t* = *ḥ3* Wb 1, 12.17-18 = *3ḥ* (Demotic)
field worker [lit. he of the field]	æH{[ô]w}tï	*iḥw.t.y* [*iḥwty*] No Wb?
field, marshland, country	**s[ô]kh[*è*] ['kh' accentuated]**	*sḫ.t* Wb 4, 229.8-231.7 = *sḫ.t* (Demotic)

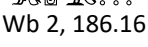
fig	**q{[ô]w}n{té} ['t' accentuated]**	*ḳnty* [*ḳwnti*] 
fig which are green? = green figs? (fruits of some kind mentioned near dates and wheat)	**b[é]sh,** **b[è]shA,** **bAshA**	*bš* = *bš3* = *b3š3* Wb 1, 478.10
fight	**m[i]khï / mïkh[è]**	*mḫy myḫ*
fight	**s[o]dj[è] ['dj' accentuated]**	*sḏ*
fight; [lit. 'hit'?] [IE = English: 'shock'?]	sh[ô]gn[è]n ['n' accentuated]	*šgnn*
fill	**m[ô]H**	*mḥ* Wb 2, 116.6-118.10 = *mḥ* (Demotic)
find. discover	**g[o]m[è] ['m' accentuated]**	*gmy* [*gm*] Wb 5, 166.6-169.8 = *gm* (Demotic)
finger	**dj[é]b*a* /** **t[é]b*a***	*ḏbʿ* Wb 5, 562.11-565.9 = *tbʿ* (Demotic)
finger (little one)	**sAl*a*pïn**	*s3lʿpyn*
finish [the latter by extension]; deposit, put;	**wAH**	*w3ḥ* Wb 1, 253-257 = *w3ḥ* (Demotic)
fire; flamme	**s[a]dj[è] ['dj' accentuated]**	*sḏ.t* Wb 4, 375.12-377.7
fish	**r[a]m[è] /** **r[a]mï /** **r[a]m[è] ['m' accentuated by duplication] /** **rïm[è]**	*rm* = *rmy* = *rmm* Wb 2, 416.12-17 = *rym* (Demotic)
fish	**rïn**	*ryn*
fish	**t[è]bt ['t' accentuated]**	*tb*(*t*).*w* Wb 5, 261.5 = *tbt* (Demotic)
fish (type of - 'brème' or 'muge')	**æm[è]sk{Au}**	*imsk3.w* [*imsk*{*3w*}] Wb 1, 88.10

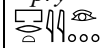
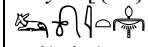
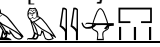
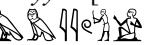
fisherman; bird breeder, fowler (French: 'oiseleur')	**w[ô]H*a***	*wḥˁ* Wb 1, 350.1-6 = *wḥˁ* (Demotic)
fist	**kh[ô]fA**	*ḫfȝ* Wb 3, 272.16-273.6
five	**dæ** **d{è}**	*di* [*di.w*]  Wb 5, 420.9-12 = *dy-w.t*
flame, torch, candle, fire	**t[ô]kA**	*tkȝ* Wb 5, 331.5-15
flame; light	**s[a]Hdj[*è*] / s[a]Ht[*è*] ['t' accentuated]**	*sḥḏ* Wb 4, 226.8 = *sḥt* (Demotic)
flamingo (*Phoenicopterus roseus*)	**[a]d[é]sh[i]r**	*dšr* Wb 5, 487.9
flatten (nose, face), destroy (town)	**p[ô]ds /** **p[ô]sd**	*pds* = *psd* [metathesis?] Wb 1, 566.16-19
flatter	**q[ô]rsh**	*ḳršˁ*
flaw (coming of the flood)	***a*nq ['n' accentuated in (Demotic)]**	*ˁnḳ* Wb 1, 206.2-3 = *ˁnnk.t* (Demotic)
flax [linen; lit. 'colour of the sky' = 'blue'] (alternative name to *mḥˁ* = *Linum usitatissimum*)	**æw[a]n-{n[ô]}-pè**	*iwn* *- nw-p.t*  Wb 1,
flax, linen	**m[a]H*a*i /** **m[a]H[*è*] ['H' accentuated]**	*mḥˁi* = Wb 2, 121.4-7 = *mḥ* (Demotic)
flea [IE = French 'puce' or 'pou']	**p{*ō*}**	*p[w]y* Wb 1, 502.2 = *p{wy}* =
flesh; meat [IE = '**fl**esh' English]	**æf /** **{è}f**	*if*  = *{iw}f* Dyn. 18 = *{iw}f* (Demotic) Wb 51.14 - 52.5

flesh; meat; body	**H*a* [long '*a*'] /** **æH*a***	*ḥꜥ* Wb 3, 37.5-39.13 = *iḥꜥ* (Ptolemaic)
flour	**N{[ô]w}dj /** n[o]ït?	*nḏy-w* [*nwḏ*] Wb 2, 370.16-18 = *nyt* (Demotic)
flour [lit. 'of the grind']	s[i]kï	*sky* Wb 4, 314.15-16
flour; dough	**sh[ô]dj[*è*] ['dj' accentuated] / sh[ô]d[*è*]**	*šḏ.t* Wb 4, 567.3 = *šd.t* Wb 4, 569.5-7
flower	**H[*è*]r[é]r[*è*] /** **HAr[é]r[*è*] /** **Hr[é]r[*è*]ï ['r' accentuated]**	*ḥrr.t* Faulkner, 176  (Dyn. 20) = *ḥ3rr.t* (Amarna) Wb 3, 149.8-18 = *ḥrry* (Demotic)
flower bouquets [lit. 'the living ones'?]	***a*n[a]kh**	*ꜥnḫ* [*ꜥnḫ.w*] Wb 1, 204.3-5
flower of Hathor unidentified; pleasant smelling plant	**t[è]kh /** **d[è]khï /** **{t*è*}kh**	*tḥ* [*tḥ.w*] = *dḥi.w* = *tḥ* Wb 5, 325.10-14
Flower of some kind = Purslane? = Common Purslane (*Portulaca oleracea* L.)	**{mè}khA{mé}kh{Au}**	*mḥmḥ* [*mꜥḥ3mꜥḥ3*] Wb 2, 131.15
fly	**tch{Au}[é]** **dj{Au}ï**	*ṯꜥw* [*ṯ{3w}*] Wb 5, 350.2-10 = *ḏwy* (Demotic)
fly [IE = English: 'fly'?]	***a*f ['f' accentuated by duplication]**	*ꜥff* Wb 1, 182.15-16

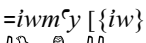
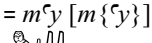
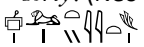
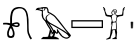
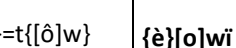
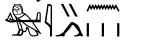
fly [IE = French 'voler' or 'vol' (of birds)]	**H[ô]rï / H[o]l**	*ḥry* Wb 3, 146.13 = *ḥl* (Demotic)
fly; take off	**pA**	*pꜣ* Wb 1, 494.1-12
foam	**hb[ē]t[*è*] ['é' long]**	*ḥbt.t*
fold (to); bow down (to); down; prostrate (to be)	**k[o]sï /** **k[o]s**	*ksy* Wb 5, 139.7-18
fold, wind (to)	**qAb** = ? q[ô]b (to double ; to multiply)	*ḳꜣb* Wb 5, 22.3 = *ḳb?* (to double ; to multiply) Wb 5, 8.7-9.12 = *ḳb* (Demotic)
foot	**gr[a]**	*gr.t*
foot; footprint (see also *gr.t*)	**r[a]d /** **r[a]t** [r[é]t?]	*rd* Wb 2, 461.1-462.15 = *rt* (Demotic)
force	**k[ô]bï**	*ḳby / ḳbi*
ford, passage	**{mè}shd[*è*] /** **m[i]shd[*è*] ['d' accentuated]**	*mꜥšd.t* = *mšd.t* Wb 2, 158.14
forehead [French: 'front']	**dhn[*è*] ['d' accentuated]**	*dhn.t* Wb 5, 478.6-10
forepart, front part; beginning; the best	**HAt** [HA?]	*ḥꜣ.t* [*ḥꜣt*] Wb 3, 19.2-22.3 = *ḥꜣ.t* [*ḥꜣt*] (Demotic)
foreskin, uncircumcised penis; phallus	**K{o}rna{tè} /** **kArnatch[*è*]** or k{o}rnatch[è]?	*ḳrn.t* [*kꜣyrꜣti*] = *ḳꜣrnꜣt*  Wb 5, 60.15-61.4
forget	**Abkh**	*ꜣbḫ* = ? *ꜣbḫ* 'mix'

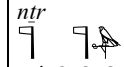
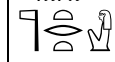
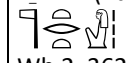
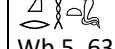
forked	**shl[i]t**	*šlt*
form	**sm[o]t**	*smt*
form [in 'to a single form = together, or in 'in one form,]; manner; intention	**qæ /** q{o}? / **qA /** **gï**	*ḳy* [*ḳi*] Wb 5 15.5-16.17 = *ḳ3i* = *ḳ3* = *gy* (Demotic)
form, fashion; create; build (to); pot turning	**q[ô]d**	*ḳd* Wb 5, 72.8-73.24 See also *iḳdw*
fornicator	n[ô]k? [vocalisation difficult]	*nkw* Wb 2, 345.11
fortress; keep	**sg{Au}r**	*sgr* [*sg3yr*] Wb 4, 324.6
forty	**Hm[*è*] ['m' accentuated]**	*ḥm* [*ḥm.w*] Wb 3, 82.6
found	**s[ô]ntch /** **s[ô]ntï /** **s[ô]nt**	*snty* = *snty* Wb 4, 177.10-178.15 = *snt* (Demotic)
foundation; foundation walls; ceilings; plan	**sntch[*è*] /** **snt[*è*] ['tch' or 't' accentuated] /** **sntï**	*snt.t* =*snt.t* = *snty* (N.K - Dyn. 19/20)  Wb 4, 179.9-14
four	**fd{[ô]w} /** **æfd{[ô]w}**	*fdw* Faulkner, 99 = *ifdw* Wb 1, 582.13
four (of a kind) [not to be confused with the numeral 'four']	**æfd[*è*] ['d' accentuated]**	*ifd.t* Wb 1, 71.5-8
fragrant flowers or herbs [rather: 'plants']	kh[ô]w	*ḫw* Wb 3, 221.1-7

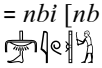
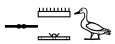
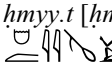
fragrant substances (for the preparation of Kyphi) [; scented material]	**kh[ô]w /** **kh[o]wï**	*ḫw* Wb 3, 221.8-9 = *ḫwy* 'incense' [rather 'scented material'] (Demotic)
frame of an image; border	æn[a?]H	*inḫw* Wb 1, 99.14
fright	**H[*è*]r[i] ['H' accentuated]**	*ḥry.t* [*ḥry.ii.t*] Wb 3, 147.14-148.1
fright	**nh{[ô]w}r**	*nhr*
fringe, edge (French 'bord'); bank, shore	**s[ô]p[*è*] ['p' accentuated]**	*sp.t* Wb 4, 99.13-100.16 = *sp.t* (Demotic)
frog	**kr[ô]r /** **kr[oo}r /** **kl[oo]l**	*ḳrr* Wb 5, 61.5-6 = *ḳrr* (Demotic) = *ḳll* Ptolemaic
frontier; nome; region	**t{Au}sh /** **t[o]sh**	*tꜣš* [*t{ꜣw}š*] Wb 5, 234.15-236.14 = *tš* (Demotic)
fruit	**dk[*è*]r /** **tgi ['k' or 'g' accentuated]**	*dḳr* Wb 5, 495.8-496.1 = *tgy* (Demotic)
fruit	**wdj[a]H / wt[a]H**	*wḏḥ* Wb 1, 410.4 = *wtḥ* (Demotic)
fruit measure [used for dates, etc..]	**{m*è*}djA**	*mḏꜣ* [*mᶜḏꜣ*]  Wb 2, 186.16 = *mḏꜣ.t*
fruit; bear fruit [IE = English 'fruit'?] = *wtḥ* also 'mature [i.e. fruiting] (Demotic)	**wdj[ô]H / wt[ô]H**	*wḏḥ* Wb 1, 410.5

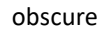
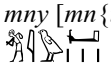
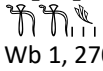
fruit; grain; product; posterity [offsprings]	**pr[è] /** **prï /** **hr[è] /** **br[è] ['r' accentuated]**	*pr.t* = *pry*  = *hr* [see also *br*] = *br* Wb 1, 530.9-531.4 = *pr* (Demotic)
fruits - unidentified found in offerings near wheat and dates	**b[é]sh /** **b[è]shA/** **b[i]shA**	*bš* = *bš3* = *biš3* Wb 1, 478
frustration	Ar[o]r / Ar[a]r	*3rr* TLA = Lesko, Dictionary I, 8
funerary chapel (for offering or stela), cenotaph	m*a*H*a*	*mʿḥʿ.t* Wb 2, 49.7-14
furrow	**tn[o]m**	*tnm* *Wb 5, 312.8*
gage	**{è}w{o}**	*iw3y.t* [*{iw}{3y?}.t*]  = *{iw}3i* No Wb?
gangrene? (product of the decomposition of a swollen body part)	w[a]n[ô]m[è] ['n' accentuated?]	*wnnm* Wb 1, 323.3
garden; vineyard; field (IE = English 'garden'?]	**kAm** **Plur. kAm{[*é*]{oo}}**	*k3m* Wb 5, 106.4-9 = *k3m* (Demotic) = Plural: *k3mii* [*k3m.ii]* 
gardener (who prepares wine and oil) [; winemaker]	**kAm[è] / kAmï**	*k3m-w* [*k3m.w*] Wb 5, 106.10-11 = *k3m-yy-w* [*k3m.ii*] (Neo Eg.)  = *k3m-i* [*k3mi*] (Demotic)
garment (of some kind) [IE = English 'garment'?]	**g[ô]rb[è] [‘b’ accentuated]**	*grb* TLA: Cerný, CED 327
Gaza	**KAdja{tè} /** **GAdjat**	*Ḳ3ḏ3ti* = *G3ḏtw* No Wb?

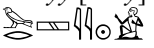
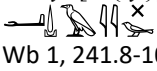
gazelle [IE = English 'gazelle']	**g[a]Hs[*è*] ['s' accentuated]**	*gḥs* Wb 5, 191.9 = *gḥs.t* (Demotic)
gazelle [IE = English 'gazelle']	**gH[o]s / gAH[o]s**	*gḥs* = *gʒḥs* Wb 5, 191.1-8
generation; youth; progeniture [IE = English 'generation'?]	**djAm /** **dj[a]m**	*dʒm* Wb 5, 523.5-524.6 = *ḏm* (Demotic)
Georgios	**K[*è*]ôwrk[i]s / K{[ô]w}rk[io?]s**	*ḳwrks*
giant	**n[i]khtæ**	*nḫt.i* [*nḫti*] Wb 2, 318.7
girl	**l[*è*]l[oo] l[i]l[oo] /** **r[*è*]r[[oo]**	*ll.t* = *rr*
girl (young), maiden	**sh[ē]ræ /** **sh[ē]r{è}['é' is long for gender distinction from *šr* 'son', end accentuation expressed by *i* and {*iw*}]**	*šr.t* = *šr{iw}.t* Wb 4, 527.1-9 = *šr.t* (Demotic)
give [IE = French 'donner']	**d[o] /** **d{o}**	*dy.t* [*d{ʒy}*.t] Wb, 2, 464.1-468.15 Wb 5, 419.7-8 = *d{ʒy}*
give [IE = French 'donner']	**rd{o}**	*rdy* [*rd[ʒ]ii*] Wb, 2, 464.1-468.15
give birth; beget; create; produce	m[ô]s[*è*]? / **m[i]s[*è*] / m[i]s[i] ['s' accentuated]**	*msy* [*ms*] Wb 2, 137.4-138.17

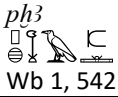
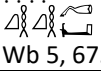
Give! (Irregular imperative of *rdi* =)	**æm*a* /** **{è}m{õ}** or digraph? **/** **m{õ}** or digraph? / **[*e*]m{õ}** **['m' accentuated wherever positioned]**	*im*ʿ [*im*{ʿ*y*}] New Kingdom =*iwm*ʿ*y* [{*iw*}*m*{ʿ*y*}]  Ptolemaic = *m*ʿ*y* [*m*{ʿ*y*}]  Late = *my* [*m*{ʿ*y*}] (Demotic) Old Kingdom Wb 1, 76.14-77.2
give; bring; come	**æ-{o}**	*i-ȝw* [*i-ȝy?*]
glean [French 'glaner']	**sr[i]d /** sArtï sAltï?	*srd* = *sȝrty?*(Neo E.)  Wb 4, 204.17
glorify; venerate [; boast?]. Related to  'be estimated; be powerful; be honoured'	**ssh{[ô]w}A/** **s{[ô]w}Ash [metathesis]**	*sšwȝ* Wb 4, 282.5bis = *swʿš* [*swȝš*] (MK) Wb 4, 63.22
glory	**A{[ô]w}ï /** **{ä}{[ô]w}**	*ȝ{wy}* (Demotic) = *i{ȝw}* Wb 1, 28, 1-6
glory	**s[ô]ït**	*syt*
glory, glorification [lit.: 'greatness'? As in Egyptian Arabic 'awi' 'great; a lot'' from the root verb: *iȝi* {ä}[o]i 'to praise' = OK {ä}[o]  *iȝw tw* {ä}{[ô]w}=t{[ô]w} 'may you be glorified [made great?]'	**{ä}{[ô]w}/** **{ä}[o] /** **æ{[ô]w} /** **{è}[o]wï /** **{Au}ï**	*iȝw* [{*iȝ*}*w*] = *iȝ* [{*iȝ*}] (OK) = *iw* = {*iw*}*y* [{*iw*}*y*] Wb 1, 28.1-6 = *ȝwy* [{*ȝw.y*}] (Demotic)
go - Let's [Allons[-nous!]]	æ-m[ô]ï	*i-my-n*  Wb 2, 35.15-17
go and come, go back and forth, walk around, circulate	**sh[*é*]m-è**	*šm* [*šm*[*ii?*]] Wb 4, 462.12
go around, surround; circulate, walk (have a); to look back [+ pronoun]; return	**q[o]dï /** **q[o]d[*è*] ['d' accentuated by duplication]**	*ḳdy* = *ḳdd* Wb 5, 78.1-8

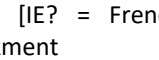
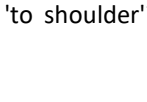
go away, leave, depart, cede [IE = English 'leave' with shift r to l]; expel, drive off	**r{[ô]w}æ /** **r{Au}[*è*] /** **r[ô]w*a* /** **r{[ô]w}[*è*] ['r' accentuated, also by duplication] /** **r{[ô]w}{ä}**	*rwi* = *r{ȝw}* = *rwᶜ* (Ptol.) = *rw rwww* = *rwiȝ* [*rw{iȝ}*] Dyn. 19 Wb 2, 406.2-407.4
go, navigate	**n*a* /** **n{*õ*}**	*nᶜ* = *nᶜy* [*n{ᶜy}*] Wb 2, 206.7-21
go, stride through, walk	n[ô]mt?	*nmt.t* Wb 2, 270.4-21
go; traverse	sh[ô]m? shAm?	*šm* Wb 4, 462.7-465.18 = *šm* (Demotic)
god	**n[ô]tch[*è*]r /** **n[oo]t[*e*]r ['tch' or 't' accentuated]** **Plural (masc.):** ***n[ô]tch[*è*]r{[ô]w[*è*]} /** ***n[oo]t[*e*]r{[ô]w[*è*]}**	*nṯr*  Wb 2, 358.1-360.14 Plur. masc. *nṯrw* = plur. fem.
goddess	**[*e*]ntch[ô]r[*è*] /** **[*e*]nt[ô]r[*è*]** **Plur.** **[*è*]nt[o]r[ô]w[è]**	*nṯr.t* = *ntr.t*  Plural: *nṯr.w.t* (Ptol.)  Wb 2, 362.4-14
goddess, primordial; serpent spirit [TLA]	**q[a]r[a]H[é]**	*ḳrḥ.t*  Wb 5, 63.5-9

gold	**n[ô]b /** **n[[ô]w]b** **n[oo]b**	*nb* Wb 2, 237.6-239.13 = *nbw* [*nb.w*] = *nb* (Demotic)
gold worker [French: 'orfèvre'; German: 'goldarbeiter']	**H{*ō*}m-n[oo]b**	*ḥmw nb* [*ḥ{ww}m nb*] Wb 3, 82.12
goldsmith, gold worker [French: 'orfèvre'; German: 'goldarbeiter']	**n[ô]bï /** **n[oo]bï / n[oo]b{è}**	*nbyy* [*nby*] = *nbi* [*nb{iw}*]  Wb 2, 241.1-7
good (adj.); to be good ; beautiful	**n[ô]fr[*è*] / n[oo]fr[*è*]**	*nfr* = *nfr* (Demotic) Wb 2, 253.1-256.15
good [thing; in the sense of advantage]	n[ô]fr[è] [‘r’ accentuated]	*nfr.t* Wb 2, 259.3-9
good things; good deeds	nfr{[ô]w[è]}?	*nfr-w* Faulkner, 131 & Wb 2, 259.10-23 = *nfr-w* (Demotic)
goose	**r[o]**	*r3* [*r*] Wb 2, 393.1-6
goose (of some kind [Nile goose])?	**sm[oo]n[*è*] ['n' accentuated] /** **zm[oo]n[*è*]**	*smn* = *zmn*  Wb 4, 136.2-4
goose; bird which migrate, migrating bird (of some kind) [IE = English 'goose, geese']	**gAsh[*è*] ['sh' accentuated] /** **g{[ô]w}shæ**	*gš-w* [*g3š.w*] Wb 5, 208.2 = [*gši*]
govern; drive [; steer, pilot] (from 'rudder' (French: 'gouvernail') [IE = English 'helm'?]	**Hmï ['m' accentuated] /** **H[*è*]mï ['H' accentuated]**	*ḥmyy.t* [*ḥmy*]  Wb 3, 81.14 = *ḥmy* (Demotic)
grab	kh[ô]f*a*	*ḫf3* [*ḥfꜥ*] Wb 3, 272.1-15
grab [lit. 'fill the hand']	**m[ô]H-d[{ô]}t**	*mḥ ḏr.t* [*mḥ dt*] Wb 2, 116.18

grab; catch [French: 'poignée']	sh[ô]fd	*šfd* Wb 4, 461.9-10
grab? (verb used in an obscure context) [IE = English 'grab']	gAp[*é*] [Alternative form *g[ô]p[*è*]?]	*g3p* [*g3p.w*]  Wb 5, 166.3
grain = *b3b3.t* Wb 1, 418.14	**blbïlA**	*blbyl3*
grain (a cereal)	**bAbA /** **b[*è*]bï /** **b[*è*]lbïlA**	*b3b3.t* = *bby.t* (NK - XVIII) Wb 1, 418.14 = *blbyl3* (Demotic)
grain; wheat = *šbn* [Kyphi ingredient indet.]	**shb[i]n**	*šbn*
grape	**allï**	*3lly* = *i3rr.t*
grasp, grip [fist hit?]	**Amm[*è*] / Am[*è*] ['m' accentuated by duplication?] /** **Am[*è*]**	*3mm.t* Wb 1, 11.1 = *3m.t* [Late]
graze (to make one as pastor)	**{[*e*]m}[ô]n{è}**	*mny* [*mn{iw}*]  Wb 2, 75.11
grease, fat (pieces of)	***a*d / *a*t**	*ꜥd* [not *ꜥḏ* as indicated in TLA] Wb 1, 239.8-16 = *ꜥt* (Demotic)
Great Face (place in Upper Egypt, north of Ashmunein] or Great House	**Hr[a] w[ô]r / H[*è*]- w[ô]r** **['H' accentuated]**	*ḥr wr* = *ḥ.t wr*
Greek [IE = Armenian 'հույն' 'Houyn']	**W[a]ï[a]n[i]n**	*Wynn* = [**W3ynn*]
green (be); prosper, flourish, cause to flourish	**wAdj /** **w[a]t**	*w3ḏ* Wb 1, 264.12-266.9 = *wt* (Demotic)
green (make; French: 'verdir'); green (be); herbs; vegetables (n.)	w[ô]djwAdj? wAdjwAdj?	*w3ḏw3ḏ*  Wb 1, 270.4-5 (Demotic)

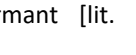
grey (to go; of hair) ; to grow old; to grow wise	sk[ô]m / zk[ô]m	*skm* = *zkm* (Ptol.) Wb 4, 317.12-13
greying of hair; balding	**sk[i]m**	*skm* Wb 4, 318.1
grind	**n[ô]dj /** **n[o]t**	*nḏ* Wb 2, 369.11-370.10 = *nt* (Demotic)
grind	**s[i]k[*è*] ['k' accentuated]**	*sk* Wb 4, 314.14
grind finely; polish; make smooth	**s[*è*]n{ā}**	*snᶜᶜ* Wb 4, 156.10-16
ground (elevated), high hill [linked to Arabic 'kôm'?]	**q{o} /** **kA /** **kAA (accentuation of 'A' by duplication)**	*ḳ3y* Wb 5, 6 = *ḳ3.t* = *ḳ33* Wb 5, 5.3-6
ground to build	**wr[é]H**	*wrḥ*
grow	***{â}***	*ᶜ3* Wb 1, 162.13-17
grow; make grow	**r[ô]d**	*rd* Wb 2, 462.20-463
guard (lit. 'the one who is on watch') [IE = English 'watcher']; keeper of the daily watch (TLA)	**w[è]rshï**	*wrš-yy* [*wršy*]  Wb 1, 336.7-12
guard, keep [IE = English: 'guard'? French: 'guarder'?]	**H[ô]r[é]H[*è*]r ['H' accentuated] /** **H[ô]r[é]kh[*è*]**	*ḥrḥr* TLA = Andreu/Cauville, RdE 29, 1977, 10 = *ḥrḫ* (Demotic)
guenon; female macaque	**Gæf**	*gyf.t* [*gif.t*] Wb 5, 158.12-16
guilty (to be);	***a*djA**	*ᶜḏ3* Wb 1, 241.6-7
guilty man; criminal; wrongdoer	***a*djA /** ***a*dj{o}**	*ᶜḏ3* = *ᶜḏ3y* [*ᶜḏ{3y}*]  Wb 1, 241.8-10

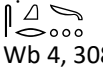
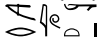
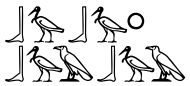
gum [IE = French: ‘gomme’]	**q[o]mï /** **qAmæ/** **q[o]mA**	*ḳmy.t* Wb 5, 39.3-15 = *ḳ3mi* =*ḳm3*? =*km3* (Demotic)
hack (plank); open (belly; medicine)	p[ô]khA	*ph3* Wb 1, 542.12-543.7
hack, open (med) [IE = English '**op**en'?]	**p[ô]khA**	*ph3*  Wb 1, 542.12-543.7
hairdresser, coiffeuse	nsh[i]t	*nš.t* Faulkner, 140 & Wb 2, 337.6-7
hair lock	**f{*ô*}**	*fḫ3* TLA: KoptHWb 345 = *fḫy* (Demotic)
hair of woman or animal (donkey [IE = English 'ha**ir**'?]	s[i]r / z[i]r	*sr* = *zr* Wb 4, 191.3-4
half [IE = Armenian կէս 'gés']	**g[ô]s / g[o]s**	*gs* Wb 5, 196.1-197.7 = *gs* (Demotic)
hammer	**q[a]Hq[*è*]H [‘q’ accentuated]**	*ḳḥḳḥ*  Wb 5, 67.6-8
hand	**gAdj{*õ*} /** **qAdjA /** **g[a]dj / gïdj / kïdj**	*gḏwy* [*g3ḏ{wy}*] = *ḳḏ.t* [*ḳ3ḏ3.t*] Cerný, CED 340 (TLA) = *gḏ gyḏ kyḏ* (Demotic)
hand [IE? = Armenian ձեռք 'dzerk']	**dj[{ô]}r[*è*] [accentuated r] /** **dj[{ô]}ræ /** **d[{ô]r[*è*]} /** **t[o]r[*é*]**	*ḏr.t* Wb 5, 580.3-584.10 = *ḏri.t* = *dr.t* Wb 5, 580.3-585.10 = *tr.t* (Demotic)

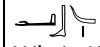
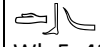
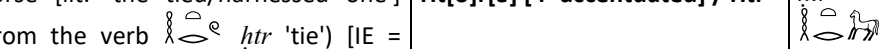
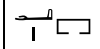
handful (of gum)	**qAdjAmA**	*ḳdm* [*ḳ3dj3m3*] Wb 5, 82.12 = *gḏm* (Demotic)
happen, become, come into being, take birth, occur [IE = English 'happen']	**kh[ô]p[è]r ['p' accentuated]**	*ḫpr* Wb 3, 260.7-264.15
harbour, dock; jetty [IE? = French 'amerissage']; embankment	**m[è]r{[ô]w} /** [*è*]mr{[ô]w}?	*mrw.t*  = *mryy.t* [*mry.t*] Wb 2, 109.13-110.3
hard (make), make hard	***a*dj[è]r / *a*dj[é]r? ['dj' accentuated]**	*ḏr*
harness [lit. 'to neck', 'to shoulder'?]; yoke (to); appoint (to)	**n[ô]H[è]b ['H' accentuated]**	*nḥb*  Wb 2, 293.3-7 = *nḥb* (Demotic)
harp	**b[o]in[è] /** **b[o]ïn[è] ['n' accentuated] /** **b[o]n[è]**	*bỉn.t* = *bỉn.t* Greek Wb 1, 444 = *bn.t* Wb 1, 457.5-10
harpoon, stick; crush, beat, triturate	**h[ô]bk /** **HAbk**	*ḥbḳ* = *ḥ3bḳ* Wb 2, 488.3-5
Hasro (necropolis of Hermopolis)	H[a]sr[o]	*ḥsr.t* Wb 3, 168.12
hatching [; nest?]; nestlings [French = 'oisillons']	**shd[è] ['d' accentuated]**	*šḏ* Wb 4, 565.23
hate, detest	**m[ô]sdj[è] /** **m[ô]sd[è] /** **[accentuation by duplication]** **m[o]st[è]**	*msḏy* [*msḏ*] Wb 2, 154.1-9 = *msdd* = *mst* (Demotic)
hated (adj.)	**msdï ['d' accentuated]**	*msdyy.t* [*msdy*] Wb 2, 154.10-11

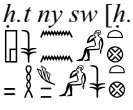
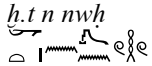
hateful (what is; subst. f.) [evil] [IE? = English 'misdeed'; OEB: Old English misdæd "misdeed, evil deed, sin," common Germanic compound (cf. Old Saxon misdad, Old Frisian misdede, Middle Dutch misdaet, German Missetat, Gothic missadeþs; see mis- (1) + deed (n.).].	**m[o]sdj[*è*] /** **m[o]sdj[*è*] /** **m[o]sd[*è*]** **[accentuation by duplication]/** **m[o]sdï**	*msḏ* = *msḏḏ* = *msḏḏ* (Dyn. 18) = *msḏ.y.t* Wb 2, 154.10-11
Hathor [lit. 'House of Horus']	**H[*è*]t H[ô]r ['H' accentuated or long]** **Plural:** **tA H[*è*]t H[ô]r{[*è*]oo}**	*ḥ.t ḥr* [*ḥt ḥr*] Wb 3, 5.11 Plural: *t3 ḥt ḥry*
Hathor priest or similar function [lit. 'bold [one]']	**{ä}s**	*i3s* [*{i3}s*] Wb 1 33.9
have [lit. 'there is/be in giving/possessing [to x]]	**w[ô]n-m[*è*]-d{o}**	*wn mdy* [*wn-m-d[3]y*] Wb 1, 309.5
he [French: 'il']	**[*e*]f**	*f* Wb 1, 572
he, him (pron. 3rd. masc.); that (neutral form); [belongs] to him .	**[*e*]nt[o]f /** **[*e*]ntch[o]f /** **[*e*]nt{è}f /** **[*e*]mtof**	*ntf* = *ntf* = *nt{iw}f* Wb 2, 356.3-5 = *mtw-f* (Demotic)
head [IE = 'apex' English]	***a*p[è] [accentuated *p*]**	*ꜥp.t* (Demotic) = *tp.t*
head [IE = English 'top' or 'apex']	**t[a]p[è] /** ***a*p[è]**	*tp.t* Wb 5 293, 3-6 = *ꜥp.t* (Demotic)
head back, back part of head, occiput = 'behind'	**HA**	*h3* Wb 3, 8.5-9 = (NK)
head back, occiput	**m[a]kHA**	*mkḥ3* Wb 2, 163.6

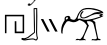
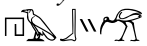
head rest	wr[a]s	*wrs* Wb 1, 335.9
heap, pile (of wheat, offerings; treasures, etc...); quantity (maths)	***a*H*a***	*ꜥḥꜥ* [*ꜥḥꜥ.w*] Wb 1, 220.15-221.1
hear, listen	**s[ô]dj[*é*]m /** **sot[*é*]m ['dj' or 't' accentuated]**	*sḏm* Wb 4, 384.4-387.14 = *stm* (Demotic)
heart [IE = English 'h**eart**'?]	**æb**	*ỉb* Wb 1, 59.10-60.11 = *ỉb* (Demotic)
heart [IE = English 'heart']	**HAtï ['t' accentuated]**	*ḥꜣ.t-y* [*ḥꜣty*] Wb 3, 26-27.19
heaven(s) / sky	**p[*è*] ['p' accentuated]**	*p.t* Wb 1, 490.10-492.1 = *p.t* (Demotic)
heavy (become); heavy (adj.)	**hr[ô]sh**	*hrš*
hedge, closing	**Arb[*è*]**	*ꜣrb*
heel	**t[*é*]bs ['t' accentuated]**	*tbs* Wb 5, 262.9 = *tbs* (Demotic)
Hekat (name of a wheat measure) = bushel	**H[é]q[*è*] ['k' accentuated]**	*ḥḳꜣ.t* [*ḥḳ.t*] Faulkner, 178 & Wb 3, 174.13-20
Heliopolis = 'On' [lit. '[The] sanctuary']	**{È}{n[ô]w}**	{*ỉw*}*nw* Wb 1, 54
hem; edge (of clothe)	**sht[a]t[*è*] ['t' accentuated]**	*štt*
Hemp [*Cannabis sativa* L. according to Germer, Flora 23; but sesame?]	shmsh[i]m	*šmšm.t* Wb 4, 488.3-5
Henna (*Lawsonia inermis* L.)	**q{[ô]w}pr[*è*] /** q{oo}pr[è]? **[‘r’ accentuated]**	*ḳwpr* = *ḳpr* Vycichl, Dict. étym., 84
herbs, plants, vegetables, pasture	**s[i]m** [sæ?m or something the like?] **/** **s[i]m**	*sm* [*sm.w; sỉm?*] Wb 4, 119.11-120.3 = *sm* (Demotic)

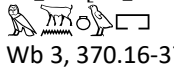
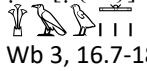
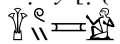
Hermonthis, Armant [lit. 'seat [of] Montu']	**{È}{n[ô]} M[ô]n{t[*é*]}**	*{iw}nwMnty*  Wb 2, 92.3
Hermopolis [lit. 'Hermo + polis' = El Achmounein, i.e. 'Achmou + ein', i.e '[The] Eight's town']	**Khm[ô]n-{n[ô]} /** **Khm[ô]nï**	*ḫmnw* [*ḫmn-nw*] Wb 3, 283.3 = *ḫmny*
hero	**sh[o]djï**	*šḏy*
hesitate [also: late?]; linger; wait; hold back	**æsk /** **ask**	*isḳ* Wb 1, 133.6-12 = *isḳ ꜥsk* also 'late (be)' (Demotic)
Hey! (interjection)	**ï! [pronounced 'ey!]**	*ii* [*y*] Wb 1, 36.12-13 = (Demotic)
hi! [IE = English; 'hi!']	**Hæ[i] /** **h[a]ï**	*hi* = *hy* Wb 2, 482.12-16
Hibis (town in El Kharga)	**h[é]b**	*hb* No Wb? = *hb* (Demotic)
hide	**l[*è*]g{o}**	*lg* [*lg{ȝy}*]
hide [IE = English 'hide']	**Hap**	*ḥ3p* Wb 3, 30.6-31.6 = *ḥp* (Demotic)
hide; take cover (to)	**kAp**	*k3p* Wb 5, 104.14-17
hiding place, place to hide things (French: 'cachette'). Linked to *ḥ3p* 'hide'	**HAp[*è*] ['p' accentuated]**	*ḥ3p*.t Wb 3, 31.4-6
high; high (be); go up	**kh[a]ï** / kh{o}ï? / **sh[a]ï**	*ḫy* Wb 3, 237.7-19 = *ḫy ḫꜥiy* (Demotic) = *šy*
high; tall; loud (to be)	qA	*ḳ3y* [*ḳ3*] Wb 5, 2.15-3.15

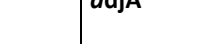
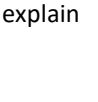
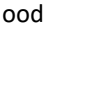
hill	**s[i]bt**	*sbt*
hinder, behind; stern	**p[a]H{*ō*}**	*pḥ-wy* [*pḥ{wy}*] Wb 1, 535.14 = Faulkner, 92 = *pḥ-w* (Demotic)
hit	**Qlps**	*ḳlps*
hit (French: 'coup')	**s[a]kh**	*shy.t* [*sh.t*] Wb 3. 467.14
hit [IE = English: 'hit'?], strike; drive; tread	**H[i]w[*è*]**	*ḫw* Wb 3, 46.1-48.15 = *ḫw* (Demotic)
hit, bit up	**s[ô]kh**	*shy* [*sḫ*] Wb 3. 466.13 = *sḫy* (Demotic)
hit, hammer, crush; wound; damage [; shock] [IE = English: 'shock']	**sh[ō]k*a* [long 'o']**	*šḳ*ʿ
hit, strike [IE = English: '**scor**e'?]; step out; present	sk[ô]r	*sḳr* Wb 4, 306.10-307.11
hit; wound [; scar] (n.) [IE - English: 'scar']	**sk[a]r / ska**	*sḳr*  Wb 4, 308.1 = *šḳ*ʿ (Demotic)
hoarse (make) (French: 'enrouer') [IE = French 'enrouer']	**khAn-r[o]**	*ḫ3n-r* Np Wb?
hoe [IE? = French patois 'marre' = Latin 'marra' but also SEM Akkadian 'marru". Interestingly it is V: who makes the connection referring it as "ancient term"]	**[a]m[*é*]r /** **[a]m[*è*]r{è} ['m' accentuated]**	*mr* = *mr{iw}.t*  Wb 2, 98.11
hold (of a boat)	**w[ô]ndj**	*wnḏw* [*wnḏ.w*] Wb 1, 326.1
hold, seize, grab	**æm[a]h[*è*] /** **æm[a]ht[*è*] / Am[a]ht[*è*] / [a]m[a]h[*è*] ['t' and 'h' accentuated]**	*i-mḥ mḥ* Wb 2, 119.5-18 = *imḥt* (Demotic) = *ȝmḥt* (Demotic) =*mḥ* (Demotic)
hole	**w[a]tf[*è*] ['f' accentuated]**	*wft*
hole, cavity, cavern	**bAbA**	*bȝbȝ*  Wb 1, 419.1-5

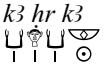
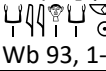
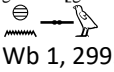
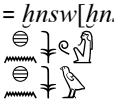
holocaust [; sacrifice]	**qr[i]r /** **gl[i]l/ glïl**	*ḳrr* Wb 5, 61.11-16 = *gll glyl* (Demotic)
honey	**[*e*]bï[o] /** **æby[o]**	*bi.t* Wb 1, 434.6-12 = *iby* (Demotic)
honey	**æby[o]**	*iby* = *bi.t / byy.t* Wb 1, 434, 1-5
hoopoe? (bird) [IE = hoopoe? Name present in many IE, S or other languages]	**q[ô]q[ô]p[a]t /q[oo]q[oo]p[a]t /**	*ḳḳpt*
horn	***a*b**	*ꜥb*  Wb 1, 173.12-174.1
horn	**d[a]b /** ***a*b**	*db*  Wb 5, 434.3-6 = *ꜥb* Wb 1, 173.12-174.1
horse	s[oo?]s[i]m	*smsm* Wb 4, 143 =*ssm.t* Wb 4, 276.18-277.7
horse [lit. 'the tied/harnessed one'] (from the verb *ḥtr* 'tie') [IE = English: 'horse'?]	**Ht[ô]r[*è*] ['r' accentuated] / Htï**	*ḥtr*  Wb 3, 199.11-200.12 = *ḥty ḥtr* (Demotic)
Horus	**H[ô]r**	*ḥr* *Wb 3, 124.1-9*
Horus	**H[ô]r**	*ḥr* Wb 3, 122.14 = *ḥr* (Demotic)
hot	**kh[*è*]m[*è*] ['m' accentuated by duplication]**	*khmm*
hour [IE = English 'hour]	**wn{[ô]w}**	*wnw.t* Wb 1, 316.1-317.2 = *wnw.t* (Demotic)
house	***a* / *a*ï**	*ꜥ*  Wb 1, 159.15 = *ꜥy* (Demotic)

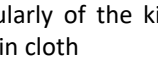
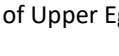
house [French: 'demeure' rather than 'maison'; V's 'grande maison' is closer] [IE = English 'house'; German: 'haus']	**h[*è*]** **['h' accentuated]**	*ḥ.t* [not *ḥw.t*] Wb 3, 1.4-3.5
house man	**H[è]{tè}**	*ḥw.t-i* [*ḥ.wti*] No Wb?
House of the Prince	**H[*è*]-n[*è*]s ['n' accentuated]**	*ḥ.t ny sw* [*ḥ.t n ns.w*]  No Wb?
house; temple; tomb; container	**p[ô]r / p[æ]r / p[oo]r**	*pr* Wb 1, 511.7-516.1
how?	khï	*ḫy* Wb 3, 238.14
humanity [IE = English '**human**ity']	**H[a]m[*è*] /** **hAm[*è*] /** **H[a]nm[*è*] ['m' accentuated through duplication]**	*ḥmm.t* = *ḥ3mm* = *ḥnmm.t* (Pyr) 'people of the 'sky?'; later 'humanity' Wb 3, 114.6-13
hundred [IE = Latin '**cen**tum']	**sh[*è*]n / sh[*è*] ['sh' accentuated]**	*šn.t* Wb 4, 497.9-12 = *š.t*
hundred-cubit long measure/ measure of a hundred cubit long [lit. 'wood of rope?']	**kh[*è*] n[*è*?] n{[ô]w}H**	*ḫ.t n nwḥ*  Wb 2, 223.13 = *ḫ.t n nwḥ* (Demotic)
hungry (be) [IE = English: '**h**u**n**g**r**y', '**h**un**ger**']	**Hq[ô]r**	*ḥḳr* Wb 3, 174.23-175.1 = *ḥḳr* (Demotic)
hungry one; poor [IE = '[the] hungry [one]']	**H[é]q[*è*]r ['q' accentuated]**	*ḥḳr* Wb 3, 175.2 = *ḥḳr* (Demotic)
hunter [lit. 'the equipped [one]?]	**g[*è*]r[é]g ['g' accentuated]**	*grg* Wb 5, 186.2
husband	**hæ /** **h{o}**	*ḥi* (NK) = *ḥ3yy* (*ḥ{3y}*) Wb 2, 475.10-12

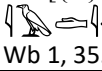
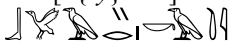
hyena [IE = English: 'hyena']	**H[ô]ï{tè} ['t' accentuated'] /** **H[o]tch[*è*] /** **H[o]t[*è*]**	*ḥtyy* [*ḥtyi* or rather *ḥyti;* scribal error?] = *ḥt.t* Wb 3, 203.16-17 = *ḥ.t* (Demotic)
I (accentuated = French: 'Moi, je')	**t{[ô]w}-æ**	*tw-i* m. f. Junge, Näg. Gr., 80 (TLA)
I, me, my, mine [IE = English 'I']	**æ**	*i / y* ! = *i* Wb 1, 25
I; mine	**æn[o]k / [a]{n[ô]}k**	*jnk* Wb 1, 101.13
ibis (*Ibis religiosa*)	**h[*è*]b[ô]ï /** **h[è]b{[ô]w} /** **hAb[ô]ï /** **h[*è*]b[o]**	*ḥby*  = *ḥbw* [*ḥb.w*] = *ḥbꜣy*  Wb 2, 487.1-4 = *ḥb* (Demotic)
idiot [lit. 'not what is the heart, the place of thought for the Egyptians' = 'deprived of intelligence, senseless one; also: discouraged (one)	**nt[*è*]ï-HAt[*è*]ï ['t's accentuated]**	*iw.t-y ḥꜣ.t-y.f* [*nty ḥꜣty*] No Wb?
If (conditional particle)	**ær kh[a]n**	*ir ḫn*
if (in conditional sentences, pref.) [IE = French: 'mais [si] + condition'?]	**mæ**	*mi* Wb 2, 38.6-12
if (Lit.: [if] it is happening [= IE 'happen' English]	**{è}=s H[ô]pr**	*{iw}-s ḥpr*
if [IE = English unless?]	**æn[*è*] ['n' accentuated by duplication?]**	*inn* TLA = Meeks, AL 77.0340
if only, 'I wish' (as a wish = Latin 'utinam')	**HAm{*õ*}**	*ḥꜣmy* [*ḥꜣmʿy*] No Wb?
image (divine); power (divine)	**s[i]khm[*è*] ['m' accentuated]**	*sḫm* Wb 4, 243.5-245.2
immediately [lit. 'in this hour']; now	**m[è]tAw{n[ô]}w** m[è]t{Au}{n[ô]}w? **/** **n[è]tAwn[oo] /** **t[oo]n[oo]**	*m-tꜣ-wnw.t* [*m-tꜣ-wn.t*] = *n tꜣ wnw.t* [*n tꜣ wn.t*] Wb 1, 316.11 = *twnw* (Demotic)

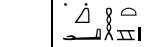
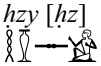
impregnate, cover [sexual act] (French 'saillir'), beget, copulate	**n[a]hp[*è*] / nhAp[*è*] [metathesis?]**	*nḥp* = *nḥ3[p]* Wb 2, 284.3-4
in (prep.); as	**m[*è*] ['m' accentuated]**	*m* Wb 2, 1.21-24
in front (prep.)	**nA æꞪr / nA ær Ɜr / nAï Ɜr**	*n3 ỉḫr* = *nỉ.ir ḫr* *n3y ḫr*
in front [lit. 'in/on penis [side]]	**m[*è*]-bAh/** **m[*è*]-mAH**	*m b3ḥ* Wb 1, 420.1 & 421.1-4 = *m b3ḥ* [(Demotic)]
in the form (of) [, which is to say] (French: 'c'est à dire')	**m[*è*]-qæ**	*m ḳy* [*m ḳỉ*] Wb 5, 15.5
in the form of; like	**m[*è*]-q[o]d[*è*]**	*m-ḳd* Wb 5, 76.15
in; inside [lit. 'in residence of'] [IE = English 'in'], in the interior of, within	**m-Ɜn /** **Ɜ[*è*]n**	*m-ḫnw* [*m-ḫn.w*]  Wb 3, 370.16-371.24 = *ḥn* (Demotic)
increase (n.)	**H{Au}[o] /** **H{*ō*}[o]**	*ḥʿw* [*ḥ{3w}*]  Wb 3, 16.7-18.4 = *ḥwy* [*ḥ{wy}*]  = *ḥ3w* (Demotic)
infant, child [lit. 'born one']; young animal; plants (when plur.) [lit. born / born ones, hence often used in the plural form]. Related to the name of Moses? 'the 'born one', the 'infant'?]	**m[a]s** / m[ô]s? Plur. ms{[ô}w[*è*]}?	*ms* =plur: Wb 2, 139.1-140.6 = *ms* [(Demotic)] 'young'
inferior	**Ɜr[a]ï**	*ḫry* Wb 3, 388.16-390.4 = *ḫry* (Demotic)
inhale, breath; feel	**n[ô]shp** / **n[ô]shpæ**	*nšp* = *nšpi* Wb 2, 339.1-8

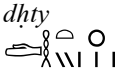
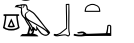
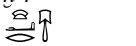
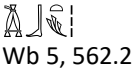
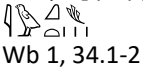
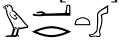
injustice; falsehood; guilt	***a*djA**	*ꜥḏꜣ*  Wb 1, 240.14-241
instant	**H[o]t[*è*]ï**	*ḥty*
insult; wound [intellectually]	**h{[ô]w}sh**	*ḥwš*
interest [from a loan; lit. 'the born [fruits/seeds/grain]]	**m[é]s[*è*]**	*msy* [*ms*] Wb 2, 142.2
interior, inside (of temple, palace, body, etc...; French: 'intérieur') [IE = English: 'inside'?]	**Ħ{n[ô]}**	*ḥnw* Wb 3, 368.17-369.15
interpret, explain (dream); untie, loosen	**w[ô]H*a***	*wḥꜥ*  Wb 1, 348.3-349.15
intestine, small = small intestine	**m[a]Ħt Ħ[*è*]m**	*mḥt ḥm*
inundation, flood	H{o} H{*ō*}	*ḥꜣy*  Wb 3, 13.9 = *ḥww*
irrigate; pour	**{è}{*ō*}**	*iwy* [*{iwwy}*] Wb 1, 49.1-2 TLA DZA 20.433.830
Isesi (name of pharaoh - Vth dyn. and 11th?) = Æsôsæ	**Æs[oo]sæ** Æs[ô]sæ?	*issi* No Wb?
Isis	**As[*è*]** and As[i]? / **{È}s[è]** and {È}s[i]?	*ꜣs.t* OK = *{iw}s.t* (Late?) Wb 1, 20; 4 & 8.11-13
island	{ä}	*iꜣ* [*{iꜣ}*] Wb 1, 45.4-8
island; new land	**m{Au}[*è*]** **m{o}[*è*]**	*mꜣw.t* [*m{ꜣw}.t*] Wb 2, 27.8 = *mꜣy.w.t* [*m{ꜣy}.w.t*] TLA DZA 23.792.500 = *mꜣy.t* [*m{ꜣy}.t*] TLA DZA 23.792.910
it is! Here it is! (French: 'voici'). As in *n.t-pw* 'it is the case that (math)' (Wb 2, 351.1-2)	**p[*è*] ['p' accentuated]**	*pw* [*p.w*]
jaw (lower), lower jaw [lit. '[the one] of chewing]	**w[ô]gï ('g' accentuated)**	*wgy.t* Wb 1, 376.3-5 = *wgy.t* (Demotic)

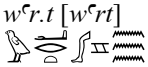
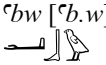
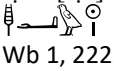
jerboa (French: 'gerboise')	**H[é]tch[*è*]s ['tch' accentuated]**	*ḥts* Wb 3, 204.13
jug	**q[é]b /** q[é]bï?	*ḳb.t* = *ḳb.w* Wb 5, 117.10-11 = ? *ḳby*
jug	**sh[o]sh / sh[*è*]so /** sh[o]sh{[ô]w}	*šš / šsw*
jug type to measure beer: Tchétef	**tch[é]tf**	*ttf* Wb 5, 413.4
Jump	**zn[*è*]ï ['n' accentuated by duplication] /** zn[*è*]ï{è}?	*znny* [*znny.ii*] = *zny*{*iw*} (NK - Dyn. 19) Wb 3, 454.14-456.13
justified	**t{o}-m{Ã}[o]**	*ty m3ᶜ*
Kadjaja (occupation, private name or ethic group?)	**KAdjAdjA /** **GdjAdjA**	*K3d3d3* = *Gḏ3ḏ3* (Demotic)
Kans grass [usually translated as reed, rush] = (*Saccharum aegyptiacum* Wild.) [IE = *kash* [কাশ] being common in Bengali/Bangla] [বাংলা],Oriya: କାଶତଣ୍ଡି *kāśataṇḍi,* Hindi: काँस *kāṃs*]	**gAsh /** **gAshæ /** **g[a]sh /** **k[a]sh**	*g3š* =*g3si* Wb 5, 156.8-12 = *gš* (Demotic) = *ḳš* (Greek)
Khöiak feast	kA-Hr-kA / k{oo}-Hr-k{oo}?	*k3 ḥr k3*  = *k*{oo] *ḥr k*{oo}  Wb 93, 1-5
Khons	**Kh[ô]nz /** **Kh[ô]ns**	*ḫnzw* [*ḫnz.w*]  Wb 1, 299.22 = *ḫnsw*[*ḫns.w*]  Wb 3, 300.13
kidney; loins (TLA)	**dp[*è*] /** **tp[*è*] ['d', 't' and 'p' accentuated]**	*dp.t* Wb 5, 445.13-16 = *tp* (Demotic)

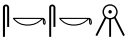
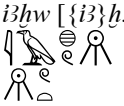
kill	**H[ô]d[*è*]b /** **H[ô]t[*è*]b ['d' and 't' accentuated]**	*ḥdb* Wb 3, 403.3-13 = *ḥtb* (Demotic)
kilt (particularly of the king; French = 'pagne'); loin cloth	**sh[*è*]ndj{[ô]w} /** sh[*è*]ndï or sh[*è*]nd{Au}? ['sh' accentuated]	*šnḏw* [*šnḏ.w*]  = *šndy* (NK) Wb 4, 522.2-7 = *šn* (Demotic)
King of Lower Egypt [Lit. 'The Apicultor', 'The Bee Herder' in the sense of the one taking care of the bee hive = the people. The root '*by*' is IE English 'bee'?]	**[*e*]bït[*è*] ['t' accentuated; artistic arrangement of ï] / [*e*]bæt[*è*] /** **[*e*]bï{t*è*} /** **[*e*]bït[*è*] /** **[*e*]bït[*è*] /** **[*e*]bïtA /** **[*e*]b{o}t[*è*]** **æb{o}tA] /** **Abït[*è*]** Ab{o}t[*è*]?	*byt* = *bit* (Pyr) = *byti* = *byt* = *bity* = bytA (NK) = *b{ȝy}t* (NK) = *ibȝytȝ* (NK) = *ȝbyt* (NK) Wb 1, 435.1-15
king; king of Upper Egypt; royal	n[è]s	*ny-sw.t* [*ns.w.t*]  Wb 2, 325.1-329.10
knee	**pAd**	*pȝḏ* Wb 1, 500.7-12 = *pȝḏ* Wb 1, 501.8
kneel	**pAd**	*pȝd* Wb 1, 500.13-501.6
knife [IE = Armenian: 'tanak'?]	**t[ô]k[*è*] ['k' accentuated]**	*tk*
knife [IE = French 'couteau'?]	**g[o]rt[*è*] / k*ø*rtï**	*grt* = *kʿrty*
knife, sword [lit. 'cutter'?]	**z[é]f[*è*]**	*zft* [*zf.t*] Wb 3, 442.7-10 = *sfy* (Demotic)
knock out; beat (wheat) [IE = English 'hit'?]	**H[i]w[*è*] [odd verb formation if correct]** H[ô]w[*è*]? **/** **Hï**	*ḥyy* [*ḥw*] Wb 3, 46.1-48.15 = *ḥy* (Demotic)

know	***a*mAm /** ***a*m[*è*]**	*ꜥm3m* = *ꜥm* Wb 1, 184.16-22 = *ꜥm* (Demotic)
know of something (to) [be aware (to)?]	**s{[ô]w}n or s[ô]w[*è*]n /** **s[o]wn ['w' accentuated]**	*swn* Wb 4, 69.1 = *swn*
know, reckon [IE? = English 'reckon'?]; learn	**r[ô]kh**	*rḫ* Wb 2, 442.7-445.7 = *rḫ* (Demotic)
Kom Ombo [temple]	**Nb[ô] /** **Nb[o]**	*Nb.t* = *Nbyy.t* [*nb{3y}*] Wb 2, 242.5
Kous (Apollonis Parva – town)	**G[ô]sA**	*Gs3* No Wb?
Kush	**[È]kAsh /** **KAshæ /** **[È]kAz /**	*k3š* = *k3ši* *K3z* Wb 5, 109.1
lack; miss; escape	**w[a]H{o} /**	*wḫy* [*wḥ{3y}*] TLA DZA 22.545.610 & Wb 1, 339.1-15 = *why* (Demotic)
ladder	**mAk[*è*] ['k' accentuated]**	*m3k.t* Wb 2, 33.6-7
Lady (myth. site of purification) [IE = English '**lady**', German '**Jadi**']	**{ä}dæ**	*i3di* [*{i3}di*]  Wb 1, 35.7
lake [Arabic 'birket']	**b{o}rka{tè}**	*brkt* [*b{3y}rk3ti*]  Wb 1, 466.11
lame?	tchHA	*th3* Wb 5, 388.10
lament	**t[ô]ït**	*tyt*
lamp	**kh[é]bs /** **khAbsA**	*ḫbs* = *ḥ3bs3* Wb 3, 230.3 = *ḫbs* (Demotic)

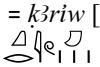
land, district, nome [IE = French: '**qu**artier' ?]	**q*a*H**	*ḳʿḥ*  Wb 5, 20.9-11
land, earth, ground	**tA**	*t3* Wb 5, 214.11-215.1; 216.7= *t3* (Demotic)
land, soil, ground, floor, earth	**[è]zAtch /** **[è]zAtA/** **Ast**	*z3t* [*z3t.w*] = *s3t3* (NK - Dyn. XX) Wb 3, 423.7-424.12 = *3st* (Demotic)
large (be); long (be) [lit. 'great'?]	**{[ô]w} /** **a{[ô]w}**	*3wy* [*3w*] Wb 1, 3.12-4.6 = *ʿw* (Demotic)
large [as width], width, breadth	**w[a]skh /** **w[a]sh[*è*] ['sh' accentuated]**	*wsḫ.t* Wb 1, 365.13-15 = *wsḫ wšš* (Demotic)
large, wide, broad (be)	**w[ô]skh**	*wsḫ* Wb 1, 364.11-365.3 = *wsḫ* (Demotic)
Last day of month	***a*rqï**	*ʿrḳ-yy* [*ʿrky*] Wb 1 212.8
laudation (to make a) ; approve	**H[i]z[*è*] ['z' accentuated]** / H[ô?]z[*è*]	*ḥzy* [*ḥz*]  Wb 3, 154.2-155.25
laugh	**s[ô]b[*è*]tch /** **s[ô]b[*è*] /** **s[ô]bæ/** **s[ô]bï ['b' accentuated]**	*sbṯ* [*zbt*] = *sb.t* [*sbt*] = *sbi* Wb 3, 434.6-10 = *sby* (Demotic)
laundry (dirty), linen (soiled - TLA)	shAm	*š3mw* [*š3m.w*] Wb 4, 411.4
law, ordinance	**h[a]p**	*ḥp* Wb 2, 488.7-489.2 = *ḥp* (Demotic)

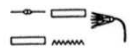
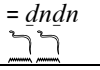
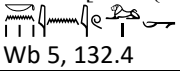
lazy (be); late (be); neglect; idle (be)	**w[ô]zf**	*wẓf* Wb 1, 357.2-9 = *wẓf* (Demotic)
lead (French: 'plomb') [IE = English 'lead'?]	**d[a]Htï /** **dj[a]Htï /** **{tè}H**	*dḥty*  Wb 5, 606.4-8 = *ḏḥty* = *tḥ* (Ptol.) = *thth* (Demotic)
leaf of plant; petal (of lotus)	**g[a]b[è] / gAb[è] ['b' accentuated]**	*gb.t* = *gʒb.t*  Wb 5, 154.7-10
leather [; skin?]	**kh*a*r[è] ['r' accentuated] / kh[a]r[è]**	*ḫʿr*  Wb 3, 244.9 = *ḫʿr* (Demotic)
leather stretcher / worker [TLA] = shoemaker (Vycichl) [with sandal det.] [IE = Armenian կաշի 'kashi' 'leather']	**g[é]s[è] ['s' accentuated] / q[a]sï**	*gs* Wb 5, 203.1-6 = *ḳsy.w* (Demotic)
leather worker (French: 'cordonnier'; lit. the one who sews]	**H*a*q**	*hʿḳ*
leather, hide [IE = Armenian մաշկ 'mashk']	M[a?]skA / æm[a?]sk{Au}	*msḳʒ* Wb 2, 150.3-5 = *imsḳʒ* [*imsḳ{ʒw}*]
leaves (carried by the wind)	**dj[ô]bA /** **d[ô]bA**	*ḏbʒ-w* = *dbʒ.w*  Wb 5, 562.2
leaves (or small branches), twigs	***a*kh[è]m ['kh' accentuated]**	*ʿḥmw* [*ʿḥm.w*] Faulkner 48 & Wb 1, 226.12-13
leek (*Allium porrum* L.) [IE = English: '**leek**'?]	**{ä}q[è] /** **{è}q[è]**	*iʒḳ.t* [*{iʒ}ḳ.t*] = *iwḳ.t* [*{iw}ḳ.t*]  Wb 1, 34.1-2
left	gb[oo]r	*gbyr*
leg	**w*a*r[é]{tè}** **['t' accentuated]**	*wʿr.t* [*wʿrt*]  Wb 1, 287.4-8

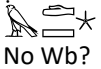
leg (front), foreleg [; arm?; member [French: 'membre'?]]; 'The Great Bear' [constellation]	**kh[ô]psh**	*ḫpš* Wb 3, 268.4-8 = *ḫpš* (MK) 'arm' [semantic shift?] = *ḫpš* 'foreleg, arm' (Demotic)
leg, branch [of the Nile]; water spread (in Netherworld)	**wa*r*[é]{tè}** **['t' accentuated]**	*wʿr.t* [*wʿrt*]  Wb 1, 288.6-7
leg; part of leg	**dj[a]n[*è*]H /** **djAnïH**	*ḏnḥ* = *ḏ3nyh* Wb 5, 578.11
lentils	**{*â*}ïrshAnA /** ***a*rsh[a]n**	*ʿ3yršn3* Wb 1, 211.15) = *ʿršn* (Demotic)
leprosy	**s[ô]bH**	*sbḥ* Cerný, CED 148 (TLA) = *sbḥ* (Demotic)
leprosy; also: (v.): 'to be a leper'	**s[*è*]Ht ['s' accentuated]**	*sḥt*
let [French 'fasse']	**æ{mè}-ærï**	*imy-ir*
Letopolis	**Kh[é]m**	*ḫm* = MK Wb 3, 280.15
lettuce	***a*b**	*ʿbw* [*ʿb.w*]  Faulkner, 41 Wb 1, 176.10-14
lice; flee	**z[i]b /** **s[i]b**	*zb* Wb 3, 432.14-16 = *sb* (Demotic)
lid	**Hb[*è*]s ['b' accentuated] / H[é]b[*è*]s**	*ḫbs* Wb 3, 66.16-18
lie, falsehood	**g[ô]rg**	*grg* Wb 5, 189.2-190.4
life	***a*nkh**	*ʿnḥ* Wb 1, 198.11-200.8
lifetime	***a*H*a***	*ʿḥʿ= ḥʿ.w* Wb 1, 222
lifetime	***a*H*a***	*ʿḥʿw* [*ʿḥʿ*]  Wb 1, 222.18-223.7 = *ʿḥʿ* (Demotic)

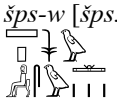
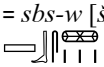
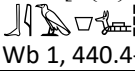
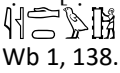
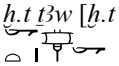
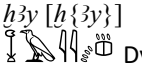
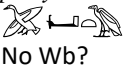
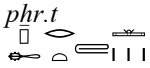
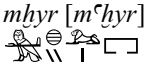
lift (to.); lift (oneself, to;	***a*kh[*è*] / *a*khï ['kh' accentuated]**	*ꜥḥ* Wb 1, 224.2-7 =*ꜥḥy* (Demotic)
lift, erect, rise; raise, levy (troops)	**tch[ô]z /** **tch[o]s**	*ṯzy* [*ṯz*] Wb 5, 405.1-406.14 = *ṯs* (Demotic)
lift, suspend, raise up	***a*khï / aꞪi**	*ꜥḥy* Wb 1, 224.2-7 = *ꜥḥy* (Demotic)
lift; put over	**S*as*a**	*sꜥsꜥ*
light	**s[ô]Hdj[*è*] ['dj' accentuated]**	*sḥḏ* Wb 4, 224.16-226.6
light	**w[ô]ïn /** **w[o]nï [metathesis] /** **w[o]ïn**	*wyn* Wb 1, 315.4-5 = *wny* = *wyn* (Demotic)
light (to be)	As*a*[i]	*ȝsꜥ*
light (to be)	**æs[a]ï** æs{o}? **/** **As*a***	*isyy* [*isy* [*is*[*ȝ*]*y?*]] Wb 1, 128.4 = *ȝsꜥ* (Demotic)
light (to; a place)	s[ô]ks[*è*]k ['s' accentuated]	*sksk*  Wb 4, 319.6
light, sun light, sunshine, radiance (of sun)	**{ä}[a]kh /** **æ[a]kh /** **A[a]kh**	*iȝḫw* [{*iȝ*}*ḫ.w*]  = *iḫ.w.t* = *ȝḫ* Wb 1, 33.3-5
lightning; fire	**w[é]t[*è*] ['t' accentuated]**	*wt*
like (the); manner [IE? = English 'manner', French 'manière']; contents	**m[i]n[*è*] ['n' accentuated]**	*mn.t* Wb 2, 65.6-8
likewise, also, equally [lit. with/in place]	m[*è*]r*a*	*m rȝ-ꜥ* [*m rꜥ*] Wb II 395.6-8

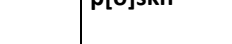
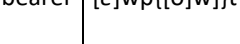
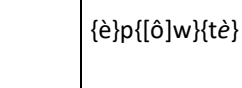
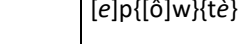
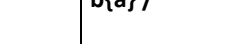
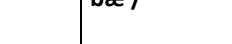
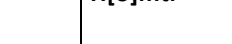
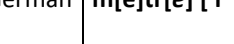
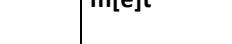
limbs; himself [lit. his limbs' = ⲉⲱⲟⲩ=ⲫ]	**H*a*w**	*hʿ-w* [*hʿw*] Wb 3, 37.5-39.13
linen (type of) [BOT] *Linum usitatissimum*; cloth	**{*â*}[o]**	*ʿ3w.t* [{*ʿ3*}*.w.t*] Wb 1, 166.6
lion	**m{o}** **m{Au}** NB. Onomatopoeias of a bellowing lion	*m3i* [*m*{*3y*}] = *m3w* [*m*{*3w*}] TLA DZA 23.679.920
lioness; bear [IE = Latin 'leo', English 'lion'?]	**l[a]b[o]** / **r[a]b{*ō*}**	*lby* = *rb*{*wy*} Neo Egyptian
lip [put with 'fringe, edge, etc...in TLA but a distinct word as revealed by Coptic]	**sp[a]t**	*sp.t* [*spt*] Wb 4, 99.13 = *sp.t* [*spt*] (Demotic)
list [IE = English 'rooster'?]	r[ô]kht	*rḥ.t* No Wb?
live, alive (be)	***a*nkh**	*ʿnḫ* Wb 1, 193.8-198.10 = *ʿnḫ* (Demotic)
live, make live	**s*a*nkh**	*s-ʿnḫ* [*sʿnḫ*] Wb 4, 46.4-47.13 = *s-ʿnḫ* (Demotic)
liver?], body organ, mentioned with lungs and other organs	**m[æ]z[*è*] /** **mæ[oo]s[*è*] /** **mæ{[ô]w}s[*è*] ['z' or 's' accentuated]**	*mz* Faulkner, 105 = *mis.t* [*mws.t*] Faulkner, 105 =*mws* [(Demotic)]
lizard	***a*shA**	*ʿš3* TLA = Meeks, AL 78.0804
lizard	**H[a]fl[*ē*]l[*è*]**	*ḥfll*
lizard	**H[a]ntAs**	*ḥnt3sw* [*ḥnt3s*] Wb 3, 122.9 = *ḥnts* (Demotic)

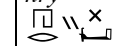
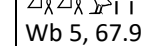
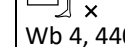
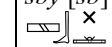
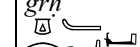
load	**Atchp ['tch' probably accentuated] /** **Atp**	*ȝtp* Wb 1, 23.15-24.3 = *ȝtp* Faulkner, 6 = *ȝtp* (Demotic)
lock (of door) [IE = French 'clef' (Coptic ⲕⲗⲉ)?]	**qAr /** **qAn /** **q[a]r{è} /**	*ḳȝr* = *ḳȝr.t* = *ḳȝn* (Pyr) = *ḳȝriw* [*ḳȝr{iw}*]  Wb 5, 12.2-7
lock; key hole [lit. 'shutter']	**kht[ô]m**	*ḫtm* Wb 3, 352.6-8 = ? *ḫtm* 'wall enclosure' [semantic shift?] (Demotic)
locust, grasshopper	**z[a]n[è]Hm /** **sAn[è]Hm ['n' accentuated]**	*znḥm* Wb 3, 461.6-8 = *znḥm.w* = *sȝnḥm* (N.E)
look	**k[ô]shp**	*kšp*
Look!	**æ-{n[ô]w}**	*i-nw* Wb 2, 218.3-16
loose oneself	**s[ô]rm**	*srm*
loot; make a spoil, rob [IE = English '**ro**b']	**H{[ô]w}r*a***	*ḥwrꜥ* Wb 3, 56.8-13
lord, master, possessor	**n[é]b**	*nb* Wb 2, 227.5-230.14 = *nb* (Demotic)
loss (in weight); shortage; unfavourable difference	**æsï/ Asï**	*isy* [*isw*] Cerný, CED, 122 (TLA) = *ȝsy* (Demotic)

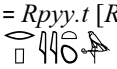
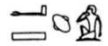
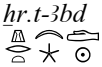
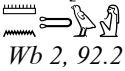
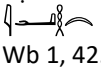
lotus flower	**z[o]sh[*è*]n /** **z[o]sh[*è*]n ['sh' accentuated by duplication]** **/ s[o]sh[*è*]n**	*zšn* Faulkner, 248 *zššn*  Wb 3, 487.9 = *sšn* (Demotic)
Lotus leaf	**sïrpA{tè}** s{o}rpAti? **/** **sAp[ô]t /** [*sArp[ô]t]	*srpt* [*syrpʒti*] = *sʒp.t* Wb 4, 195.2-3
lotus stem	***a*rt ['t' seemingly pronounced because of variant below /** ***a*rtï**	*ꜥr* [*ꜥr.t*] = *ꜥrty* Wb 1, 208.8-9
love; desire, wish [IE? = Latin 'amare']	m[*è*]r[*è*]? [odd construction for a verb]	*mry* [*mr*] Wb 2, 98.12-100.11
lung	**w[o]fA / w[o]f ï / w[o]f[è] ['f' accentuated]**	*wfʒ* = *wfy* Wb 1, 306.3 = *wf* (Demotic)
lute (or similar) [the sound of the ropes, as in French onomatopoeia 'zingzing']	**gngn / g[*é*]ng[*é*]n / djndjn / dj[*é*]ndj[*é*]n**	*gngn* Wb 5, 177.12 = *ḏnḏn* 
Luxor temple	**Æp[*è*] ['p' accentuated]**	*ỉp.t* Wb 1, 68.2
Lybian of the Phaiates tribe	**P{o}[*è*]t**	*pyt.w* [*p*[ʒ]*yt*] No Wb?
Lybians	**R[i]bw[*è*]}**	*Rbw* No Wb?
lyre [cithara?] [IE = English/Indian 'cithara' or 'guitare'; = Armenian 'knar']	**k[i]nær{è} [k[i]næ + n{è} + r[è]]**	*kn-nꜥ-r* [*kni-n*{*iw*}*-r*]  Wb 5, 132.4
macaque	g{[ô]w}f	*gwf* Wb 5, 160.9
magic	**H[i]kA /** **H[i]k**	*ḥkʒ* Wb 3, 175.16bis = *ḥk* (Demotic)

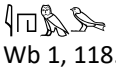
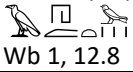
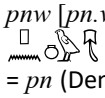
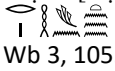
magician	**H[a]k{o} /** **H[a]k{Au}**	*ḥk{ȝy}.t* Wb 3, 177.13 = *ḥkw* [*ḥk{ȝw}*] Wb 3, 177.10-12
magnesium	**m*a*kn*a*s**	*mˁknˁs*
magnificent; excellent; useful (to be)	**Akh**	*ȝḫ* = *ȝḫ* Wb 1, 13.7-13
maintain; master	**{*ō*}rdj{Au}** ***a*rdj**	*ˁwyrdjȝ* [*{ˁw}yrdj{ȝw}*] Wb 1, 213.14 = *ˁrḏ* 'make strong; protect' (Demotic)
majestic; renown	**shfï /** **sf[è] [‘f’ accentuated]**	*šfẏy.t* [*šfy.t*] Wb 4, 457.2-459.7 = *sf.t* (Demotic)
make up (for eyes) [French = 'fard']	**sd[è]m [sm[é]d?] /**	*sdm* [*smd?*] Wb 4, 370.9.10 = *stm* (Demotic)
man	**z[è] /** **zæ**	*z* [*zi*] = Wb 3, 404.6-406.10
man. Plural: men, people	**r[o]m[*è*]tch** **Plur.: rm[è]tch[ô]w[*è*]**	*rmṯ* Wb 2, 421.9-424.14 = Plur. *rmṯ-w* = *rmt* (Demotic)
manner; shape; be	**q[ô]d / q[ô]tï**	*ḳd* Wb 5, 75.3-77.11 = *ḳty* (Demotic)
march; walk; travel [IE = French 'marcher'?]	**{mè}sh*a***	*mšˁ* [*mˁšˁ*] Wb 2, 156.4-11 = *mšˁ* (Demotic)
Mars [lit. 'Horus the Red']	**H[ô]r- d[ô]shr**	*ḥr dšr*  No Wb?

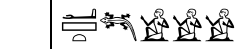
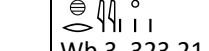
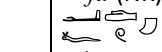
marsh, [swamp]	**AHr**	*ꜣḫr*
marvellous things or foods, costly offerings	**shps[*è*] /** **shbs[*è*] ['s' accentuated]**	*šps-w* [*šps.w*]  Wb 4, 450.16-451.6 = *sbs-w* [*šbs.w*]  (Ptolemaic)
marvels, wonders, astonishing things; wonderful things	**[è]b{ä}**	*biꜣ.w* [*b{iꜣ}.w*]  Wb 1, 440.4-6
mason	**æq[ô]d[*è*] [accentuated 'd']**	*iḳdw* [*iḳd.w*]  Wb 1, 138.20 See also *ḳd*
mast (of boat; lit. 'wood [for] wind')	**kh[*è*]-**tch{Au?**}**	*ḥ.t tꜣw* [*ḥ.t t{ꜣw}*]  Wb 3, 342.7 = *ḥ.t tw* (Demotic)
mat (made of reed or rush)	**tmA /** **tm[*è*]**	*tmꜣ* Wb 5, 307.2-9 = *tm* (Demotic)
may be	***ar*[*è*]{[ô]w}**	*ʿrw*
may be	p[*è*]?	*pw* [*p.w*] No Wb?
maybe, if (lit. [if] it is to say]	**{è}=s [a]r[o]-dj[ô]d**	*{iw}-s r ḏd*
measure for liquid [IE = 'liquid?]	**l[ô]k**	*lḳ*
measure of six feet (French: 'brasse' = 1.62 m)	**HAp{t*è*}**	*ḥpt* [*ḥꜣpti*] No Wb?
measure; weigh	**Kh{o} /** **Kh{o} kha**	*ḥꜣy* [*ḥ{ꜣy}*]  Dyn 18 TLA DZA 27.601.130 Wb 3.223.4-16 = *ḥꜣy ḥʿ ḥy* (Demotic)
Medamoud [that which is given by Mout?]	**pA- d{o} m[oo]t**	*pꜣ dy Mw.t*  No Wb?
medicine; remedy	**p[a]Hr[*è*] ['r' accentuated]**	*phr.t*  Wb 1, 549.1-12 = *phr.t* (Demotic)
Mekhir /Meshir [6th Month of Calendar]	**{mè}khïr**	*mḫyr* [*mʿḫyr*]  Wb 2, 131.13-14

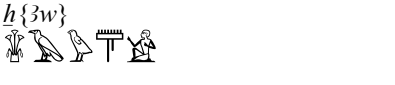
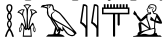
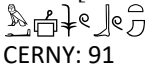
melon [Etymology of *Cucumis*?]	**k[*è*]mk[*è*]mi**	*ḳmḳmy*
men; people humankind; patricians [IE = English '**pe**ople' or '**pa**tricians'?]	**p*a***	*pꜥ.t* Wb 1, 503.2-11
merciful, have pity	**n*a* /** **n{ā}**	*nꜥ* Wb 2, 206.4-6; = *nꜥꜥ* [*n*{ꜥꜥ}] (emphatic form) = *nꜥ* (Demotic)
Mercury [planet] [i.e., the '[x] star' or something the like] = Related to *sbg* 'a divine being'?	Sb[ô]g? / Sb[ô]k? **/** **S[è]wg[é]**	*sbg* Wb 4, 95.8 = *sbk* (Ptolemaic) = *šwg*
mess, embarrass	**p[ô]skh**	*psḫ*  No Wb?
messenger, commissar, mission bearer [IE = French 'd**éputé**']	[*e*]wp{[ô]w]}t / {è}p{[ô]w}{t*è*} / [*e*]p{[ô]w}{t*è*}	*wpw.t.y* [*wpwt*]  = *ỉwpwtỉ* [{*iw*}*pwtỉ*]  = *ỉpwtỉ* [*ipwtỉ*]  (Ptol.) Wb 1, 304.6-11
metal; ore [in general]; copper	**b{ä} /** **bæ /** **bA /** **b[é]**	*by3* [*b*{*i3*}]  = *b by* [*bi*] (NK)  = *b3* Wb 1, 436.1-438.5 = *b* (Demotic)
metallurgist	**H[ô]mtï**	*ḥmty*  Wb 3, 99 (Demotic)
midday [IE = French 'midi', German 'mittag', English 'midday']	**m[è]tr[*è*] ['r' accentuated]**	*mtr.t* [*mtr.t*]  Wb 2, 174.6-7 = *mtr* [(Demotic)]
middle [IE = Spanish 'mitad']	**m[é]t**	*mt.t*  Wb 2, 168.6

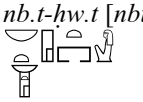
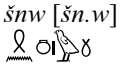
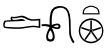
milk	**ær[ô]tch /** **ær[ô]t**	*irṯ* Faulkner, 28 = *irt* (NK) Faulkner, 28 & Wb 1, 117.1-5
milk (French: 'traire')	**h[ô]rï**	*hry*  Wb 2, 498.3
mine (fem. = French: 'la mienne')	**t{o}-æ**	*tȝy-i* [*tȝy-it*] Wb 5, 212.2 = *t{ȝy}* (Demotic)
mine (of gold, copper, etc..), quarry; mining region	**HA / H[a]**	*ḥȝ.t* Wb 3, 360.11-14 = *ḥ* (Demotic)
mine (poss. art. 1st. sing.)	**p[a]{o}-æ**	*pȝyi* [*pȝ{ȝy}-i*] Wb 1, 493.1 = *pȝy-i* [*p{ȝy}-i*] (Demotic)
mine workers [lit. [stone] hammerers/beaters]	**q[a]Hq[*è*]H**	*ḳḥḳḥ-w* [*ḳḥḳḥ.w*]  Wb 5, 67.9
mingle [; join?]	**sh[ô]bn**	*šbn*  Wb 4, 440.5-441.3 = *šbn* (Demotic)
mingle, mix, replace	**sh[i]b[*è*] ['b' accentuated] /** **sh[è]b**	*šby* [*šb*]  Wb 4, 436.4-14 = *šb* (also: 'transform; change') (Demotic)
minium, red ochre	**pr[é]sh**	*prš* Faulkner, 92
mint oil?; *ḥknw* oil (one of the sacred 'Seven Oils') [lit. 'the glorified [oil/one]' from *ḥkn* 'celebrate; glorify; jubilate']	**H[a]k[i]{n[ô]w}**	*hknw* Wb 3, 180.5-7
mirror [IE? = Armenian 'ayeli']	**y*a*l**	*jʿl*
missing [item]; unpaid taxes	**gr[ô]H**	*grḥ*  Wb 5, 183.4 = *ḏrḥ* 'miss [something]' (Demotic)

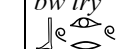
missing; dry; be bold empty (be); fall; destroyed (to or be)	**w[ô]sh**	*wš* Wb 1, 368.5-14
mission [lit. 'sending']; thing	**h[ô]b**	*hb*
mistress	n[é]b[è]t? [reading uncertain for lack of indicative elements or Coptic equivalent - the 't' is likely to have been pronounced however]	*nb.t* [*nbt?*] (Pyr.) Wb 2, 232.4-16
mistress, lady, woman of high status; goddess Repit [lit. the 'Mistress']	**r[é]p[è] / r[é]pï / R[é]pï (goddess)**	*rp.w.t* = *rpy.t* = *Rpyy.t* [*Rpy.t*]  Wb 2, 415.1-10
moan loud	***a*sh-sg[a]b**	*ꜥš sgb* Wb 1, 227.9
moan, groan	***a*sh /** ***a*shæ**	*ꜥš*  = *ꜥši* Wb 1 227, 19
mock; deride; offensive (be)	**Tch{[ô]w}rH**	*trḥ* [*twrḥ*] Wb 5, 388.4
monkey (of small size?); macaque [IE = Armenian ‘կապիկ’ 'kapig']	**gAfï /** **g[a]f**	*gʒfy* Wb 5, 158.12-16 = *gf* = *gf.w* (Neo Eg.) (Demotic)
month	**Ab[ô]d**	*ʒbd* Wb 1, 8.22; 65.5-9
Month No. 3 of summer season	**æpæp**	*ỉpỉp* Wb 1, 69.4
monthly need [lit. need [of] month]	**Ħr-Ab[ô]d**	*ḥr.t-ʒbd*  Wb 3, 391.17
Montu	**M[ô]n{tè} /** **M[ô]ntch[è]**	*mnṯ* = *mnṯ* [*mnṯ.w*]  *Wb 2, 92.2*
moon [IE = English: 'm**oo**n']	**{õ}H**	*iꜥḥ*  Wb 1, 42.7-9 = *iꜥḥ* (Demotic)

moor; steer; die (metaphor) [IE = English 'moor']	**m[ô]næ /** **m[ô]n{è}**	*mny* [*mni*] = *mn*{*iw*} Wb 2, 73.13-74.10
moreover; then; again, further; continue; usually (adv. 'lit. 'with extension')	**m[*è*]d{[ô]w}n**	*m ḏwn* Wb 5, 432.10-13
mortar?] stone [material of some kind]	{m*è*}dj[a]Htï	*mḏḥt* Wb 2, 193.2
mosquito [IE = Armenian 'motzak' or similar?]	**kh[ô]nms** = **khn{[ô]w}s**	*khnms* Wb 3, 295.12 = *khns* [*khnws*] Wb 3, 290.2-3
mother; mother [-goddess]; ancestral mother [IE = English '**mo**ther']	**m{[ô]w} /** m[ô]? **/** m[oo]t? [later period?]	*mw.t* Wb 2, 54.1-10
mount, string (beads) [; fix [a necklace]] [IE? = English 'mount']	**m[ô]nkh**	*mnḫ* Wb 2, 87.8-11
mountain	**dj[ô]w**	*ḏw* Wb 5, 541.7-545.1
mourn	**H[ô]b[*è*] ['b' accentuated]**	*ḥb* Wb 3, 61.14
mourn	**n[*è*]hp[*è*] [‘p’ accentuated]**	*nḥp* Wb 2, 284.17 = *nḥp*
mourn; suffer	**æh[ô]m /** **Ah[o]m**	*ỉḥm*  Wb 1, 118.20-22 = *ȝḥm.t* (NK)  Wb 1, 12.8
mourning (n.; French: 'deuil')	**Hb[a]**	*ḥb*
mouse	**p[i]n{[ô]w}**	*pnw* [*pn.w*]  = *pn* (Demotic) Wb 1, 508.6-10
Mouth [of the] Canal = El Lahun	**r[o]-H[ô]n[*è*] [‘n’ accentuated]**	*rȝ ḥn.t* [*r-ḥn.t*]  Wb 3, 105.3 [for *ḥn.t*]

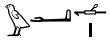
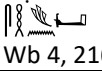
mouth; door [; entrance]	**r[ô]**	*r3* [*r*] Wb 2, 389.1-390.9-391.13
move, displace, shift (to) [IE? = English 'move']	**m[ô]nm[*è*]n ['m' accentuated]**	*mnmn* Wb 2, 80-81.15
mud; muddy ground	***a*ma /** ***a*m[*è*]**	*ʿmʿt* = *ʿm* (Demotic) Wb 1, 185.17
multitude, the many (people); person	***a*shA /** ***a*sh[*è*]**	*ʿš3.t* [*ʿš3.w.t*] = *ʿš.t*  Wb 1, 229.6-8
multitude; millions; eternity	**H[a]H**	*ḥḥ* Wb 3, 152.14-153.24
'musareigne'	***a*m*a*m**	*ʿmʿm* = *ʿmʿm* Wb 1, 186
mush, mash, gruel (French 'gruau, bouillie'); dough (med.) [IE = English 'mush'?]	**{è}{[ô]w}sh [long 'sh' by duplication] /** **{è}{[ô]w}shA [latter probably an accentuation [è]]**	*iwšš* [*{iw}šš*] = *iwš3* [*{iw}š3*] Wb 1, 58.2-3
mutilate, cut (nose)	**kh[ô]shb**	*ḫšb* [*ḫšb.w*] Wb 3, 339.6
muzzle (French: 'museler'); lock (enemy in town)	**shA{tè}b ['t' accentuated]**	*š3tb* [*š3tib*] Wb 4, 557.8
my (plural of posses. adj. 1st. sing. masc.; = French 'nos') [lit. 'those [of] mine']	n{o}	*n3y-i* [*n{3w}i*] Wb 2, 199.7
myrrh of some kind	**kh[æ]rï / kh[a]l**	*ḫryy* [*ḫry*]  Wb 3, 323.21 = *ḫl* (Demotic)
nail [, claw]; peg [see also *3b/y3b*]	**{ä}fd /** ***a*fd**	*i3f* [*{i3}ft*] Wb 1, 31.15 = *ʿfd* (NK)  Wb 1, 183.14
nail; claw; hoof [see also *ʿfd/i3ft*]	**Ab / yAb**	*3b* Wb 1, 7.21 = *y3b* (Demotic)

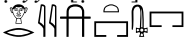
naked man	**[a]Ħ{Au} /** **[a]Ħ{o}**	*ḥ{ȝw}*  = [TLA] *ḥȝy* [*ḥ{ȝy}*]  Wb 3, 14.1-3
name	**r[a]n**	*rn* Wb 2, 425.1-428.19 = *rn* (Demotic)
natron	**H[ô]z[*è*]mn /** **H[ô]s[*è*]mn /** **H[o]s[*è*]mn**	*ḥzmn* Faulkner 178 & Wb 3, 162.11-163.2 *ḥsmn* Faulkner 178 = *ḥsmn* (Demotic)
Naucratis [lit. 'the town [of] 'karatch' whatever 'karatch' means: 'Autocrat'?]	**N[ô]kAr[a]tch /** **KAr[a]tch /** **N[ô]kAr[a]tch**	*Nwkrṯ* [*Nkȝrṯ*] = *Nwkrṯ* (Demotic)
navel, belly button, (French: 'nombril')	**Ħ[*è*]pA** / **Ħlpï**	*ḥpȝ* Wb 3, 365.14-16 = *ḫlpy* (Demotic)
neck, throat [IE = Armenian կոկորդ 'g**o**g**o**rt, French: '**g**or**g**e']	**kh[a]kh /** **kh[a]khæ**	*ḫḫ* Wb 3, 331.3-10 = *ḫḫ ḫḫi* (Demotic)
neck; nape (French: 'nuque')	**n[a]Hb[*è*] ['b' accentuated]**	*nḥb.t* Wb 2, 292.9-16 = *nḥb.t* (Demotic)
necklace, bracelet	**l[é]l**	*ll*
necklace; pellets, balls, drops	**qr[a]r**	*ḳrr*
need; food	**Ħr[*è*] ['r' accentuated]**	*ḫr.t* Wb 3, 390.5-391.20 = *ḫr.t* (Demotic)
Needle	mH-n[a?]-t[ô]p	*mḥ n tp*
needle?], an object in metal	**{mè}s{[ô]w}bw[*è*]** **['w' accentuated]**	*mssb.t* [*mˁswbw.t*]  CERNY: 91
Neith	**N[*è*]t /** **N[*è*]r ['n' accentuated]**	*N.t* [*Nt*] = *Nr.t* Wb 2, 198.9

Nephthys '(lit. 'The Mistress of the House')	**Nèb[*è*]t-H[*è*] ['H' accentuated]**	*nb.t-ḥw.t* [*nbt-ḥ.t*]  Wb 2, 233.6 = *nb.t ḥ.t* (Demotic)
nest	**m[a]H**	*mḥ* [*mḥw*] Wb 2, 121.10
net	**shn[*è*] ['n' accentuated]**	*šnw* [*šn.w*]  Wb 4, 509.8-9
net [IE = 'net' English?]	**{ä}d[*è*] ['d' accentuated]**	*j3d.t* [{*i3*}*d.t*] Wb 1, 36.8-11
Netherworld, Douat	**dA /** **dwA**	*d3.t* Wb 5, 415 = *dw3.t*  Wb 5, 415.8-416
new	**mAw[i]** m{Au}[i]?	*m3w* Wb 2, 26.5-15
new (to be or become)	**m{Au}ï**	*m3wy* [*m*{*3w*}*y*}] Wb 2, 25.16-26
new; young	**brï**	*bry*
night	**g[ô]rH / k[ô]rH**	*grḥ* Wb 5, 183.13-185.9 = *grḥ krḥ* (Demotic)
night	**wkhA /** **wkh[é]**	*wḫ3* = *wḫ* Wb 1, 354 = Wb 1, 352.5-10
Nile carp? (*Barbus bynni*) Arab: 'bunni'.	**kh[a]n[oo]fi**	*ḫnfy*
Nile river branches [lit. the Hapys]	H*a*p[*è*]r	*hʿpr.w* No Wb?
nine	**ps[i]dj /** **ps[i]dj[*è*] ['dj' accentuated]**	*psḏ* Wb 1, 558.10
no [lit. 'don't do] (negative aux.)	**m[*è*]- ær[*è*]**	*m ir* Wb 1, 112.7; 2, 3.3-4
North	**mH[a]tï**	*mḥ.t.y* [*mḥty*] Wb 2, 125.13-126.2 = *mḥty mḥ* (Demotic)
nose	**sh[a]r[*è*?] /** **sh[a]ræ /**	*šr* [*šr.t*] = *šri*

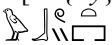
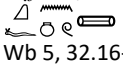
	sh[a]ï	Wb 4, 523.1-524 = *šy* (Demotic)
nostril (lit. 'leaf of nostril')	**gAb[*è*] -n[a]-sh[a]r**	*gꜣb.t n šr* Wb 5, 154.6
not (negation)	**n[*è*]n ['n' accentuated]**	*n nn* (Late) = (Ptolemaic) Wb 2, 195.7-8 = *n* [written *bn*] (Demotic)
not [negative form of imp.]	**b[*e*]n**	*bn* Wb 1, 456.6-12
not, does not [negation of verb, French 'ne']	**tm / t[*è*]m ['t' accentuated]**	*tm* Wb 5, 302.5-303.11 = *tm* (Demotic)
not-make [negative action; composed of the common language negation *bw*]	**b{[ô]w}-ær[*è*] /** bær[è]	*bw iry*  [*bw* = Wb 1, 453.1-2]
number	æp[è] ['p' accentuated?]	*ỉp.t* Wb 1. 66.22-24 = *ỉp.t* (Demotic)
numerous (v. - to be)	***a*shA[i] /** ***a*sh**[*è*?]	*ꜥšꜣ* Wb 1, 228.14-24 = *ꜥš* (Demotic)
nurse	**m[ô]n*a***	*mnꜥ.t* [*mnꜥt*] Wb 2, 77.10-13
nurse	**ms[i]{*â*}**	*ms-ꜣ* [*ms-{ꜣ}*]
nurse [French 'nourrice']; Isis/Hathor [lit. '[the] Nursing/Suckling One]	khnm[*è*] ['m' accentuated]	*ḫnm.t* (Ptol.) Wb 3, 381.8-11 =
nurture; educate [a child]	**m[ô]n*a***	*mnꜥ* (WB II Wb 2, 77.10-12
oar [IE = English 'oar']	**w[ô]s[*è*]r ['s' accentuated]**	*wsr* Wb 1, 364.1-4

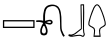
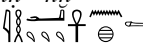
oasis [IE = English 'oasis' - borrowing from AE]	**w[a]HA**	*wḥ3* Wb 1, 347.18-23 = *wḥi* (Demotic)
oath [life oath = French 'serment']	***a*n[a]kh**	*ꜥnḫ* Wb 1, 202.11-203.4 = *ꜥnḫ* (Demotic)
obscurity	**Ab[è]**	*3b.t*
obscurity	**Hl[o]lï**	*ḥlly*
obscurity	**k[a]k[*è*] /** **k[a]kA**	*kkw* [*kk.w*] = *kk3w* [*kk3.w*] Wb 5, 142-143.15
occur, happen (by chance); fall on; find; retrieve [clear semantic derivation]	z[ô]khn[*è*] ['n' accentuated]	*zḫn* Wb 3, 469.19 = *sḫn* (Demotic)
of (gen. prep.)	**næ /** **nï /** **n[*e*] / n**{oo} / næ, na / **n{[ô]w}**	*ny* [*ni*] *n* = *ny* (MK) = *n.t* (fem.) = *nw* (plur. masc.) Wb 2, 201-3
of (genitive)	**n[i] /** **næ /** **nï (masc.)** n[i?]t? **(fem.)** **{n[ô]w} (masc. plur.)** n[V?] **(fem. plur.)** **n{*ō*} (masc. dual)** n[V?]tï **(fem. dual)**	*n* (sing. masc) = *ni* = *ny* (fem. sing) = *n.t* [*nt?*] (masc. plur) = *nw* (fem. plur) = *n.t* [*nt*] (masc. dual) = *nwy* [*n*{*wy*}] (fem. dual) Wb 3, 196.3

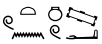
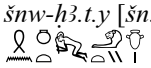
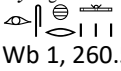
offering	**{*â*}b[*è*] ['b' accentuated]**	*ꜣb.t* [{ꜣ}*b.t*] Wb 1, 167.10-12
offering making, make an offering; offer (to)	**w[ô]dn / w[ô]d[*è*]n ['d' accentuated]**	*wdn* Wb 1, 391.1-16
oil of olive	**n[é]H /** **n[è]H /** n[æ]H?	*nḥw nḥḥ* Wb 2, 302.17-20 [second *ḥ* is an aesthetic disposition; see *nḥḥ* {[a]n[è]H 'eternity' for similar case]
oipe = measure for fruits (French: 'boisseau') [lit (a) count?]	**æp[*è*] /** **ipï**	*ỉp.t* = *ỉpy.t ỉyp.t* (Demotic) Wb 1, 67.6-11
old (to be)	**æs**	*js* [*is*] Wb 1, 128.1-8
old boy [in the sense of 'old man']	**Ħ[è]l{*â*}**	*ḫlꜣ* [*ḫl*{ꜣ}]
olive; olives; olive oil [Related to 'zeitoun' and other Middle Eastern terms for the olive tree and its products]	**dj[ô]t / dj[ô]ït**	*ḏd.tw* [*ḏdt.w*] Wb 5, 618.4-5 = *ḏyt* (Demotic)
one [French: 'un' or 'une']; sole	**w*a***	*wꜥ* [masc.]  TLA DZA 22.151.650 *wꜥ.t* [fem.] Wb 1, 273.3-276.9
onion [*Allium cepa* L.]	**mdj[ô]l**	*mḏl*
open	**w[ô]n**	*wn* = Wb 1, 311.2-312.11 = *wn* (Demotic)
open!	**æ-w[ô]n**	*ỉ-wn* Wb 1, 311.2-312.11
opinionated; violent [lit. 'strong [of] face]	**n[a]kht[*è*]-Hr[a]**	*nḫt ḥr* Wb 2, 315.27
or (German: oder)	**khrnA**	*ḫr n* [*ḫrnꜣ*] Cerný, CED 245 = *ḫr-jn* (*tLꜣ*)
organize; equip; also as noun: provisions; dispositions; agreement	**s[ô]Hn[*è*]**	*s-ḥn*  Wb 4, 216.8-16
organize; equip; command; engage; protect	[ô]Hn[*è*]?	*ḥn* Faulkner, 171 & Wb 3, 101.1-20

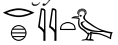
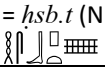
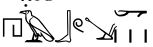
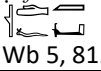
ornated (be; French: 'être paré')	**Ħ[ô]kr /** **Ħ[ô]k Ħ*a*k**	*ẖkr* Wb 3, 401.2-5 = *ẖk ẖʿk* (Demotic)
Osiris	{[Oo]}s[i]r[i]? / **{[Ô]w}sAr[*è*]**	*Wsir* = *Ws* Wb 1, 359.5
other...other	rw{ä}tï or rw{ä}t	*rwt* [*rw{i3}ty*] Wb 2.408.3
Oun-Nefer [lit. 'The Good One' or similar] = Onouphris	**W[ô]n-N[ô]fr[*è*]**	*Wnn-Nfr* Wb 1, 311, 1 = *Wn-Nfr* (Demotic)
out, quick! (or similar)	**æ-f[ô]qA**	*i-fk3* [*i*[*i*]*-fḳ3*] TLA: Cerný, CED 266
oven	**{tè}r[i]r /** **{tè}hAr**	*trr* [*tirr*] = *th3r* Wb 5, 318.18
oven (of metal worker)	**Hr{[*è*]oo}**	*ḥryy.t* [*ḥrii.t*]  Wb 3, 148.15
overturn, upset	**kh[ô]khr[*è*] ['r' accentuated]**	*ḫrḫr* Wb 3, 330.7 = *ḫrḫr* (Demotic)
owl [IE = English 'owl']	**Am{[o]w}l[a]dj**	*3mwld* = *?*
ox; cattle	**æh[*è*] ['h' accentuated]** plur: *æh{[ô]w} / *æh{[ô]{oo}}	*ih* Faulkner, 28 & Wb 1, 119.15-120.4
pack	***a*rf / *a*rb**	*ʿrf* Wb 1, 210.23-211.2 = *ʿrf ʿrb* 'enclose; close' (Demotic)
pack [bundle]	**shAr**	*š3r* Wb 4, 405.13
pack of clothes	**m[é]r[*è*]**	*mr.t* Wb 2, 105.16

pack, packet, bundle [of something, as an ensemble of elements (plur?)]; bandage; bundle (as measure of vegetable)	**m[é]r /** **m[é]ræ**	*mrw* [*mr.w*] = *mri* Wb 2, 105.9-14
pains of child giving	**Nk*a***	*nkʿ-w* [*nkʿ.w*] Wb 2, 343.14
pair (of)	***a***	 = ʿ
palace (designation of)	**qnH**	*knh* No Wb?
palace (royal), royal palace	**prï pr-{*â*}**	*pryy.t pr ʿ3* [*pry.t pr {ʿ3}*] =*? pr pr ʿ3* (Demotic) No Wb?
palette of scribe	g[ô]s{t*é*}	*gsty* [*gsti*] Wb 5, 207.11-17 = *gst* (Demotic)
palm tree steep or rod	**b{*õ*}/** **b{o} /** **b{*õ*}**	*bʿy* [*bʿi*] = *b{3y}* Wb 1, 446.9-10 = *bʿy* (Demotic)
panther skin	b[*è*]s ['b' accentuated?]	*bs*
papyrus flowers; papyrus marsh [*Cyperus papyrus* L.] [IE = link with 'tchoufa' used for *Cyperus esculentus* L. in Spain?]	**tch{[ô]w}fï /** **tch{[ô]w}f**	*t̲wfy* Wb 5, 359.6-10 = *t̲wf* (Demotic)
paralysed	**g[a]l[*è*] ['l' accentuated]**	*gl*
parents; family	**r[a]ït[*è*]**	*ryt.t*
parsil or celery? [*Petroselimum* or *Apium*?]	**mAt / [*è*?]mAt**	*m3t,t* Wb 2, 33.11-15
part (of number)	**w[ô]n**	*wn*
part [ex: fraction]	**rA**	*r 3* Wb 2, 39.5-9
part [of something], share, portion	**d[o]næ /** **t[o]nï**	*dni* Wb 5, 465.9-466.2 = *tny* (Demotic)

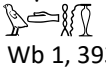
parvis, open court (of temple)	**w[ô]bA /** **w[ô]b{ō} /** **w[ô]bA**	*wb3* = [*wb{wy}*] Ptol.  Wb 1, 291.10-14 = *wb3* (Demotic)
pass (by), go (by)	**z[i]n[è] ['n' accentuated] /** **z[i]nï /** **s[i]nï**	*zny* [*zn?*] = *zny* Wb 3, 454.14-456.13 = *sny* (Demotic)
pass; come; [reach]	**w{o}[*é*]** **w{Au}ï /** **w{Au}[*é*]** **[accentuation by duplication of *w*]**	*w3y* [*w{3y}*] Dyn 19 TLA DZA 22.045.270 Wb 1, 246.13 = *w{3w}y* Dyn 21 TLA DZA 22.045.270 = [*w{3w}*] Dyn 19 TLA DZA 22.045.280 = [*w{3w}*] NK TLA DZA 22.045.260 Wb 1, 246.10-12 = *w{3w}* Dyn 21 TLA DZA 22.045.270
pass; hurry	**w[ô]n[è]** **w[ô]næ /**	*Wny* [*wn*] = *wni* Wb 313,.10-314.6
pastry, bread [IE = Greek: 'Kataif'?]	**q[è]f[è]n [‘q’ and ‘f’ accentuated]** **q[è]f[è]{n[ô]w[è]}** [plural form which became a substantive during Ptolemaic times?]	*kfn* = *kfnw* (Ptol.)  Wb 5, 32.16-18

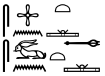
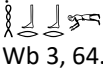
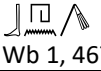
path	**khA**	*ḫ3* Cerný, CED 267 (TLA)
path, road, side [IE? = Latin 'via', French 'voie', English '**wa**y']	**wA**	*w3.t* Wb 1, 246.17-248.13
path, road; path (through life)	**matchn /** **matn /** **m[a]ït**	*mṯn* = *mꜥtn* (NK - Amarna) Faulkner, 122 & Wb 2, 176.1-7 = *myt* [(Demotic)]
Pathyris	**p[æ]r H[è]t-H[ô]r**	*pr ḥw.t ḥr* [*pr ḥ.t ḥr*]
peasant [lit. harvester?]	**w[o]ï*a* [pronounced 'wo{ey}*a*']**	*wyꜥ*
pebble (TLA); stone (little); fruit stone [IE? = ք ա ր 'kar' Armenian]	***a*r /** **{o}r /** **{*â*}n**	*ꜥr* Wb 1, 208.11-13 = *{3y}r* = *{ꜥ3}n*
peel [lit. 'of the peeling']	**q[oo]kï**	*ḳwḳy* [*ḳwki*] = *ḳḳ.t* Ptolemaic
peel, undress	**q[ô]q**	*ḳḳ* = *ḳḳ* Ptolemaic Wb 5, 71.12
pelican? (a bird of some kind)	Hm[i]r	*ḥmr*
penis, phallus	**bAH**	*b3ḥ* Wb 1, 419.14-16
people; family [IE = English 'people'?]	**shl[o]l**	*šll*
perish	**H[ô]tm**	*ḥtm* Wb 3, 197.10-198.2 = *ḥtm* (Demotic)
perish, come to naught (to)	Aq[ô]	*3ḳ* Wb 1, 21.11-20
Persea tree [*Mimusops laurifolia*]	**Sh{[ô]w}[é]b[*è*] /** **shAwAb[*è*] ['b' accentuated]**	*šwb*  = *š3w3b.w* Faulkner, 263
phallus [lit. 'flesh of life, perhaps 'life member']	**æH*a* *a*nkh**	*iḥꜥ ꜥnḫ*  No Wb?

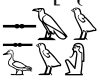
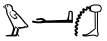
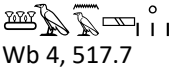
Philae [lit. the island (of) [?]]	p{è}-r[a]q	*pꜣ ỉw rḳ* [*p{iw} rḳ*] Wb 1, 47.9
pick up; pull together; be wary of	**sAq**	*sꜣḳ* Wb 4, 25.6-26.5
piece [IE = German 'stück'?]	**sh*a*t[*è*] ['t' accentuated]**	*šʿt.t* [*šʿtt?*]
pierce [French: 'transpercer'], break through	**w[ô]tn / w[ô]t[è]n ['t' accentuated]**	*wtn*  Wb 1, 380.10-11
pierce [torture?]	**t[ô]ks**	*tks* = *? tks* 'torture'
pierce; kill; knock	**dj[ô]djA**	*ḏḏꜣ* Wb 5, 631.2
pig	**sh{o} / æsh [metathesis]**	*šꜣỉ* Wb 4, 405.7-10 = *ỉš* (Demotic)
pile (of wheat, myrrh, precious metals, etc...)	**dj[ô]dm[*è*] ['m' accentuated]**	*ḏdm.t* Wb 5, 634.7-18
pile, possession, abundance of food [treasure?] [IE = 'treasure' English?]	***a*H[ô]r**	*ʿḥr* Wb 1, 220.10-15 = *ʿḥʿ*
pitch	**l[a]ndj[a]p**	*lnḏp*
pitch [; asphalt]	**[a]mr[é]H[*è*]**	*mrḥ* Wb 1, 111.13
pity [lit. 'be sick of heart']	**sh[ô]n[*è*]-HAtï**	*šnw-ḥꜣ.t.y* [*šn.w ḥꜣty*] 
place, location	**m{Ã}**	*mꜣʿ* [*m{ꜣʿ}*] =*?* *mꜣʿ* 'lakeside' 'riverside' Wb 2, 25.2-4
place, location	**r*a***	*rꜣ-ʿ* Wb 2, 394.9
plague, wound [IE? = 'plague']	**plAge**	*plꜣge*
plank (for the deck of a ship, [[plaque] of stone) [IE = English 'plank'; Spanish: 'plancha'?]	p[ô]khA / p[a?]khA	*pḫꜣ* Wb 1, 543.10-13 = *pḥr?* (Demotic)
plans (to execute); take dispositions; to take care	**ær-s[*è*]kh[i]r / ær-skhï**	*ỉry sḫr*  Wb 1, 260.5-12 [see also *sḫr*] = *ỉr sḥy* (Demotic)

plans, thoughts, counsels, projects	**s[è]kh[i]r**	*sḫr* [*sḫr.w*] Wb 4, 258.10-260.16 [see *iry sḫr*]
plant; put; erect; glue; coat [French: 'enduire'], cover, lay (stones)	**d[ō]gA /** **t[ô]g[è] ['g' accentuated]** =	*dg3* Wb 5, 499.7-14 = *tg* (Demotic)
plaster (French: 'pansement'); seam (surgical)	**ædr[è] ['r' accentuated]**	*idr* Wb 1, 154.17
plate in metal [IE? = Armenian 'bnag'?]	**bndjA**	*bnḏ3*
pleasant, sweet (to make); pleasure making	**s[ô]bn[è]**	*s-bny* [*sbn*] (Ptol.) Wb 4, 90.3-6
plebeians, common people [French: 'roturiers'?], subjects (of king); humankind	**rkh[é] / rkhï** **Plural: rkh{[ô]w[è]}**	*rḫ.t* = *rḫy.t*  =*rḫw.t* Wb 2, 447.9-448.2
plentiful (be; or similar)	**w[ō]r[è] [long 'o' & 'r' accentuated]**	*wr*
plot of garden; meadow	**H[ô]sb[è] ['b' accentuated] /** **H[ô]sp[è] ['p' accentuated]**	*ḥsb-w* [*ḥsb.w*] Wb 3, 162.4-8 = *ḥsb.t* (NK) 
plough	**h[è]b[è] /** **hAb[è]['b' accentuated]**	*ḥb* = *ḥ3b*  Wb 2, 485.10-11
plough, cultivate	**Sk{Au}/**	*sk3* [*sk{3w}*] TLA DZA 29.654.350 = Wb 4, 315-316.9
pluck	**q[ô]fd**	*ḳfd.t* No Wb?
pluck [feather?]	**khAd[è]** **['d' accentuated]**	*ḫ3d* Wb 3, 236.11
pluck, gather	**q[ô]df**	*ḳdf*  Wb 5, 81.12
pluck, uproot, tear (plants), eradicate	**f[ô]qA**	*fḳ3* Wb 1, 579.11-12

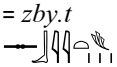
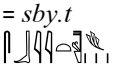
plunder, capture, abduct (to), booty making	**k[ō]f*a* / q[ô]bi**	*kfˁ* Wb 5, 121.2-9 =*ḳby kbi*
pod of acacia; flower?	**sh[i]r{è}**	*šrỉ* [*šrỉ.w*] Wb 4, 527.10 (Demotic)
pods of a tree (caroub tree pods?)	**djAr[*è*] ['r' accentuated]**	*ḏ3r.t* Wb 5, 526.14
poison	**m[a]tw[*è*] ['w' accentuated]**	*mtw.t* Wb 2, 169.5-8
Poker District (Sacred 'Tree District' of Abydos)	**P[ô]kr / P[ô]k[*è*]**	*pḳr* Wb 1, 561.6-9; = *Pḳ* (Demotic)
pole	**n{*õ*} /**	*nˁyy.t* [*nˁy*{*y*}*.t*] = *nˁy3.t* [*nˁy*{*y*}*3.t*] Wb 2, 207.17
pole, carrying pole	[*e*]nbA[i] / ænb[è?] / [*e*]nbæ	*nby.t* [*nb3.t*] = *ỉnb* = *nbi* [methathesis] Wb 2, 243.5-9;
pond, basin (for fish) [; cistern?]	**g[ô]t**	*gt* Wb 5, 208.9 = *gt* 'cistern' (Demotic)
pond; lake; basin, garden (with pool)	**sh[*é*] /** **shï ['sh' accentuated]**	*š* Wb 4, 397.1-398.9,14-17 = *šy* (Demotic)
pool [of water]	**{n{[ô]w}t** **{n{[ô]w}t /** **n[oo]tï**	*nwt* = ? *nw*(*y*)*.t* 'water; ripple' = ? *nty* (Ptol.) Wb 2, 221.14-19 'water, or similar' Wb 2, 198.10-15
poor, unhappy = Related to 'bad'?	**Aby[é]n**	*3byn* Wb 1, 442.16-443

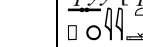
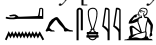
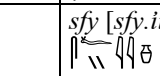
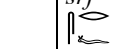
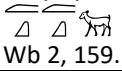
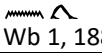
poor; decant [a liquid] (med.)	**s[ô]tf**	*stf* Wb 4, 342.5-6
porridge making or similar; stir	**w[ô]sh[*è*]m**	*wšm* Wb 1, 373.9-10
post (French: 'poteau'); stake	**shm[ô]w / shm[ô]w[*è*]**	*šmw.t*
pot	**H{n[ô]}**	*ḥnw* Wb 3, 107.1-11 = *ḥnw* (Demotic)
pot (of milk in metal)	**kh{o}**	*ḫ3y* [*ḫ{3y}*] Wb 3, 224.13-14
pot [; cup?]	**dj{Au}** **[accentuation on 'dj' by reduplication]** **dj{o} /** **djA**	*ḏ3ḏ3w* [*ḏ3ḏ{3w}*] Wb 5, 532.1-5 = *ḏ3ḏ3i* [*ḏ3ḏ{3y}*] TLA 31.552.090 = *ḏ3* 'cup' (Demotic)
pot, bowl, jug [and similar containers] [IE = French 'carafe'?]	**q[a]r[a]Ht[*é*] [‘t’ accentuated] /** **qAr[a]Ht[*é*]**	*krḥ.t* = *k3ḥ.t* Wb 5, 62.12-63.4
pound	**h[ô]m**	*hm*
pound	**z[ô]hm /** **s[ô]hm**	*zḫm* = *sḫm* Wb 4, 215.9-20
pound, 'triturer'	**l[ô]kh[*è*]m**	*lḫm*
Pour	**gAsh** [Alternative form g[ô]sh ?]	*g3š* = *gš* (Greek) Wb 5, 156.5-6 = *gš* (Demotic)
pour out (liquid)	**w[ô]dH /** **w[ô]tH**	*wdḥ*  Wb 1, 393.6-10 = *wtḥ* (Demotic)
pray, supplicate (French 'supplier']	s[ô]pr	*spr* Wb 4, 103.13-104.3
pray; prayer, lamentation (n.)	**shl[é]l**	*šll* = ?

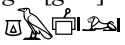
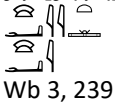
pregnant (to become)	**b[ô]kA**	*bk3* Wb 1, 481.1-11
pregnant woman	**bAkA /** **b[*è*]kA**	*b3k3* = *bk3.t* Wb 1, 481.12-13
prepare, make ready, equip	**s[ô]pdj[è] /** **s[ô]pd[*è*] ['dj' or 'd' accentuated / elongated, the latter with or without duplication]**	*spdḏ* Wb 4, 113.1 = *spdd* Wb 4, 112.10-20
present of honour, honour prize	**sh[a]p**	*šp* Wb 4, 444.9-10 = *šp* (Demotic)
present, be; witness, be; show	mt[ô]r	*mtr* Wb 2, 171.9-20 = *mtr* [(Demotic)]
press (for wine, etc..)	**Hr{[ô]w}t**	*ḥrwt*
prevent	**Hn[ô]**	*ḥn*
price	**sh*a*r**	*šʿr*
price [traded]	**sw[*è*]n /** sw[è]nt? / **sw[è]n ['w' accentuated or elongated?]**	*swn.t*  Wb 4, 68.3-13 = *swn* (Demotic)
priest (lit. 'the pure')	**w*a*b**	*wʿb* Wb 1, 282.13-283.12 = *wʿb* (Demotic)
prince [lit. 'grandee']; ruler (of a foreign land)	**wr-{*â*}**	*wr ʿ3* [*wr {ʿ3}*] Wb 1, 329.19-20
prison	**djd[a]H**	*ḏjdḥ* Wb 5, 635.13
prison	**sht[*è*]q[o] ['t' accentuated]**	*štḳ*
prostrate oneself, crawl [lit. to lie flat, to go down]	**Hbrb[ô]r**	*ḥbrbr*  Wb 3, 64.1
protect [IE = Armenian պաշտպանել ‘bashpanél’?]	**b[ô]hn**	*bḥn*  Wb 1, 467.10

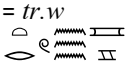
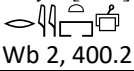
protect, guard	**[a]s{Au}**	*z3w* [*z{3w}*]  (Pyr.) Wb 3, 416.12-417.
protect; protection (n.)	**t[a]ïm[*è*] ['m' accentuated]**	*tym*
protection	**[a]zA**	*z3* Wb 3, 414.9-415
Ptah	**Pt[a]h**	*Pṯḥ* Faulkner, 96 = *Pṯḥ* (Demotic) Wb 1, 565.9-10
pull, tow	**ætH /** **Ath**	*iṯḥ* Faulkner, 33 & Wb 1, 148.12-23 = *3ṯḥ* (Demotic)
purify	w*a*b	*wꜤb*  Wb 1, 280.12-282.5 = *wꜤb* (Demotic)
purple [linen; the dye, French 'pourpre' = ?] (Linen of the Greek town of Carpasia)	**k[è]rp[è]s[i]**	*krps*
putrid, brackish, smelly (said of water)	**shAn[a]sh /** **ShAnAsh**	*šnš* [*š3nš*] = *š3n3š*  Wb 4, 517.7
Qasr Ibrim [lit. [I]brim]	**Pr[i]m**	*prm* [*prm.t*] No Wb?
quick (be), hasten, hurry	**tk[ô]r**	*tkr*
quick (to be) = *? tkn* (MK) 'be near; near'	**t[ô]kn**	*tkn*
quick quick! [IE = Armenian 'shoud shoud / shoushoud']	**tk[ô]r tk[ô]r!**	*tkr tkr*
rag; shred	**{o}r{*ō*}**	*3l* = *? 3irwy* [medical context]
rain	**H{[ô]w}**	*ḥw.t* Wb 3, 49.1-3 = *ḥw* (Demotic)

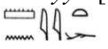
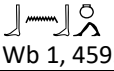
ram	[*e*]z[ô]r?/ [e]z[ô]ræ?	*zr* = *zrỉ* Wb 3, 462.7-13
ram [IE? = French '**b**élier'?]	**bA**	*bꜣ*
reach	**p[ô]H**	*pḥ* Wb 1, 533.12-535.12 = *pḥ* (Demotic)
really [?, interj.], so, so long as, except	yA?	*ỉỉꜣ* [*yꜣ*] Wb 1, 25.8
reap (harvest), harvest [lit.'(to) sickle']	**Azkh /** **æskh /** **Askh**	*ꜣzḫ* Faulkner, 6 = *ỉsḫ* Wb 1, 19.15-16 = *ꜣsḫ* (Demotic)
rear part of plant indeterminate = ? trunk	kfA	*kfꜣw* [*kfꜣ.w*] Wb 5, 120.9
reborn (be) [lit. repeating [of being] born]	**w[ô]Hm-m[è]s**	*wḥm-ms* [*wḥm-ms.w.t*] Wb 2, 141.2-6
recipient in ⱦ shape	**tch[ô]b /** **tch{Au}b /** **dj[o]p**	*ṯb* = *ṯꜣb* [*ṯ{ꜣw}b*] Wb 5, 354.1-9; = *ḏp* (Demotic)
recipient of some kind	**djAHïr[o]{tè} / dj{o}r{tè}?**	*ḏḥrt* [*ḏꜣḥy-r-tỉ*] NO WB?
recipient of some kind (in black or white *mnw* stone)	**HAtch[*è*]s**	*hꜣṯs* Wb 2, 482.8-9
rectum	**m[a]Ħt-{*â*}**	*mḫt ꜥꜣ* [*mḫt {ꜥꜣ}*]
red (light or bright) [IE = French 'rouge']	**{mè}rsh**	*mrš* [*mꜥrš*] Wb 2, 113.1 = *mlš* [(Demotic)]
red (n.); red (be)	**d[ô]shr / t[o]shr**	*dšr* Wb 5, 490.7-13 = *tšr* (Demotic)
red pigment or dye (*Rubia*/Madder (TLA)?)	**æpA**	*ỉpꜣ* Wb 1, 68.13-14

reed	**{o}qï**	*ȝyḳy* [*{ȝy}ḳy*]
reed	**s[é]b[è] /** **z[é]bï /** **s[é]bï ['b' accentuated]**	*sb.t* Wb 4, 82.3-5 = *zby.t*  = *sby.t*  = *sby.t* (Demotic)
reed [as tool]	[*e*]nbæ	*nby.t* [*nbi.t*] Wb 2, 243.15-19
reed thicket	**Akhï**	*ȝḫy*
reed, marsh rush	***a*r**	*ꜥr* Wb 1, 208.4-7
reed, rush (of Upper Egypt)	**s[ô]**	*sw.t* [*s.w.t*] Wb 4, 58.7-59.2
region, lit. 'arm' [IE = English '**a**rm'?]	***a***	*ꜥ* Wb 1, 157.14-22
region, side; part of; administrative area	***a*n**	*ꜥn* Wb 1, 157.15-22
region; district	**{[ô]w}** Later probably also {oo}	*w* Wb 1, 243.1-7
rejoice [IE = English 'rejoice'?]	**r{[ô]w}sh[è] /** **r{[ô]w}shæ**	*ršw.t* = *rši* Wb 2, 454.1-12
rejoice [prosper?; IE = English 'rejoice'?]	**r[ô]shr[è]sh ['r' accentuated]**	*ršrš* = *ršrš* Wb 2, 456.1-4
rejoice; glad (be)	**wn[ô]f /** **wn[o]f**	*wnf* Wb 1, 319.11-20 = *wnf* (Demotic)
remain over (to); left abandoned (to be), left out, excluded	**z[ô]p[è] ['p' accentuated]**	*zp*(*y*) [*zp*] Wb 3, 439.7-15

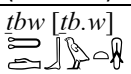
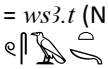
remainder	**z[ē]pï/** **s[è]p[*è*] ['p' accentuated]**	*zpyy* [*zpy*]  Wb 3, 440.8-15 = *sp* (Demotic)
Renenutet	**[*E*]rn{[ô]w}t[*è*] ['n' accentuated by duplication]**	*rnnwtt* [*rnnwt.t*] Wb 2, 437.13-18
repeat	**w[ô]Hm /** **w[o]Hm**	*wḥm* Wb 1, 340-343.15
repel, send afar; [sweep?]	**s[ô]Hr**	*s-ḫry* [*sḫr*] Wb 4, 219.9-220.12 = *sḫr*
report officially (to make a)	***a*n sm[*é*]ï ['m' accentuated]**	*ꜥn smy* [*ꜥn-smy*]  Wb 1, 189.7 = *ꜥn smy* (Demotic)
representative (as civil servant); (Demotic): idem, as well as administrator, agent, etc..	**r[é]d**	*rdw* [*rd.w*] No Wb? = *rt* (Demotic)
resin	**s[i]fï**	*sfy* [*sfy.ii*]  Wb 4, 114.15-19
respect; venerate	træ / tchr[*è*] / dr[*è*]	*tri* = *ṯri* = *dr* Wb 5, 318.1-8
rest (to), make rest (to)	s[*e*]rf[*è*]	*srf*  Wb 4, 197.5-9 = *srf* (Demotic)
rest, sleep	**m[i]q[*è*] ['q' accentuated, with or without duplication]**	*mḳmḳ* [*mḳ*] = *mḳmḳ*  Wb 2, 159.1
return, turn back (to)	*a*n ['n' accentuated through duplication] / *a*n[ô]n?	*ꜥn* = *ꜥnn* (*ꜥn*[*n*])  Wb 1, 188.13-189.7
return; direct [task]	**w[ô]db /** **w[ô]d[*è*]b ['d' accentuated]**	*wdb* Wb 1, 408.3.15 = *wtb* (also: 'pass; deplace')

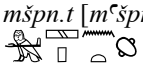
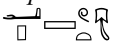
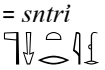
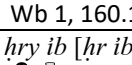
reveal, lit. 'open the face, open the sight (of) which it also means according to TLA	**w[ô]n-Hr[a]**	*wn ḥr* Wb 1, 312.15.-313.5 = *wn ḥr* (Demotic)
revenge?	**mshïkh**	*mšyḫ*
reward, replace	**djbA /** **d[*è*]bA ['dj' accentuated] /** **t[*è*]bA**	*ḏbȝ* = *dbȝ* Wb 5, 555.5-556.10 = *tbȝ* (Demotic)
reward; payment, payment; value, price	sh[*è*]b[o?] ['sh' accentuated]	*šb.t* Wb 4, 436.15-16 = *šb.t* [also: change; exchange] (Demotic)
reward; replace; reimburse	**dj[ô]bA /** **d[ô]bA** **t[ô]bA**	*ḏbȝ* = *dbȝ* Wb 5, 555.5-556.10 = *tbȝ* (Demotic)
reward; salary; prize	æs{[ô]w}ï	*jswy.t* [*iswy.t*]
rib	**sp[i]r /** **zp[i]r**	*spr* = *zpr* (Ptol.) Wb 4, 101.10-15 = *spr* (Demotic)
right, right hand side	**Æmn**	*imn* Wb 1, 85.11-14
righteous, just man, virtuous; sincere (adj.)	**m{Ã}tï**	*mȝᶜty* [*m{ȝᶜ}tï*] Wb 2, 21.4-6
ring	**gAsr /** **ks{[ô]w}r / gs{[ô]w}r**	*gsr* [*gȝsr*]  = *gswr kswr* (Demotic) No WB?
ripe (to); make ripe	**dj[ô]d[*è*] ['d' accentuated]**	*ḏd* Wb 5, 631.10-632.3
rise; appear in glory; shining (to be), show; feast (n.) [lit. 'raise' of the divinity; IE = English '**rai**se'?]	**kh{*õ*}** /	*ḫᶜy* [*ḫ{ᶜy{*]  Wb 3, 239.4-241.2

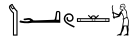
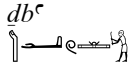
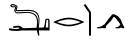
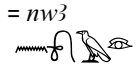
river [IE = English 'river']	**y[ô]r[*è*] /** **y*a*r[*è*] /** **æt[ô]r[*è*] [‘r’ accentuated]**	*yr y^{ꜥ}r* = *irw* [*ir.w*] = *itrw* [*itr.w*] Wb 1, 146, 10
river [IE = 'river' English ?]	**æt[o]r[*è*] /** **[*e*]t[o]r[*è*] /** **ætch[o]r[*è*] [rarely]** **æ[ō]r[*è*] [long 'o' and 'r' accentuated]**	*itr.w* [esthetic disposition] = *tr.w*  = *itrw* [*itr.w*] (Demotic) = *itr* = *irw* [*ir.w*] Wb 1, 146.10-147.1
river drinking point; whirlpool?; inshore eddy? [IE = Latin 'bibere'?]	**bAbA**	*bꜣbꜣ.t* Wb 1, 419.6-8
river fish indeterminate (*Mugil cephalus*?)	**b{o}r[*è*] [*è*] accentuated]** **plural: b{o}r{[*è*]oo}**	*bꜣyr* [*b{ꜣy}r*] = *bꜣyr.ii* Wb 1, 484.16
riverside	**qr[ô] /** qr[a]?	*ḳr* = *ʔkꜣ* Wb 5, 1.1
roar [of the sky lions]	**nh[*è*]mh[*è*]m** [only 'nh[*è*]m' because of accentuation by reduplication?]	*nhmhm* Wb 2, 286.3-4
roast	**Ashr**	*ꜣšr* Wb 1, 21.4-7
rob, pillage [IE = English: 'rob']	**kh[ô]l**	*ḫl*
rock [a baby] (French: 'bercer')	**Hl[ô]l[*è*] [‘l’ accentuated]**	*ḥll*
Roman	**Hr{[o]w}mïs**	*hrwmys*
room [IE: English 'room'?]	**rï**	*ry.t* =*ʔry.t* [*rw.t*]  Wb 2, 400.2
room [of house, of temple]; part of ; department; dwelling	***a*** [*a*t?]	*^{ꜥ}* [*^{ꜥ}.t*] Wb 1, 160.1-13

room, tent (where counsellors meet), booth	**z[ô]H /** **s[ô]H**	*zḥ* = *sḥ* Wb 3, 464.3-21
root	**m[oo]n[*è*] ['n' accentuated] /** **m[oo]nï**	*mn.t* = *mnyy.t* [*mny.t*]  Wb 2, 77.2-5 = *mn.t* (Demotic)
rope	**{n[ô]}H**	*nḥ.w* = *nwḥ* Wb 2, 223.6-13 = *nwḥ nḥ* (Demotic)
rose [IE = Armenian վարդ 'vart' - also found in Arabic and other Semitic languages]	**w[é]r{tè} ['t' accentuated]**	*wrt* = *wrt* (Demotic) No Wb?
rot, become sour (to)	**l[ô]ms**	*lms*
rotten; sad, in the blues	**H{[ô]w}A / H{[ô]w}**	*ḥw3* Wb 3, 50.6-16 = *ḥw* (Demotic)
row; navigate	**Ħ[i]n[*è*] ['n' accentuated] /** **Ħ[i]nï**	*ḫny* Wb 3, 374.1 - 375.4 = *ḫn* (Demotic)
rudder [IE = English 'helm'?]	**H[i]m[è]{[ô]w} /** **H[i]m{[è]oo} /** **H[i]nï**	*ḥm* Wb 3, 80.16-81.1 = *ḥmyy* [*ḥmy*] = *ḥny* (Demotic)
run	**p[ô]d**	*pd* Wb 1, 500.13-50
run (of Nile stream) [French 'couler']	b[ô]nb[*è*]n ['b' accentuated]	*bnbn*  Wb 1, 459.19-20
rush, make rush, hurry (to) [IE = English 'r**us**h'?]	**As**	*3s* Wb 1, 20.1-6
rush, reed (*Juncus maritimus* L.)	**qmAm,** **qAm, kmA**	*ḳm3m* Wb 5, 37.14-16 = *ḳm km3* (Demotic)

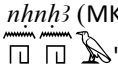
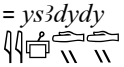
sack, wheat bag	**t[ô]mAm**	*tm3m* Wb 5, 307.15-17
sadness	æqm	*iḳm* [*ikm.w*] Wb 1, 136.18 = *iḳm* (Demotic)
safe (be); saved (be), healed; healthy (be); whole, intact (to be)	**w[ô]djA**	*wḏ3* Wb 1, 399.14-401.2
sail [IE = English 'sail'?]	**sk[é]r**	*skr*
Sais	**z{Au} /** **s{Au}**	*z{3w}* [*z3.w*] = *s{3w* Wb 3, 420.1
salad rocket? (*Eruca sativa*?)	**g[i]ng[i]n / dj[i]ndj[i]n**	*gngn* Wb 5, 177.8
salary, compensation [reward?]; equivalent	**æs{[ô]w} / æs{[ô]w}ï**	*isw* Wb 1, 131.2-10 = *iswy.t* (Demotic) also 'reward' and 'receipt'
saliva	**p[a]ks[è] / pgAs ['p' accentuated]**	*pks.t* = *? pgs* (NK) Wb 1, 555.15
saliva	**t[a]f /** **d[a]f /** **tch[a]f**	*tf* = *df* = *tf* Wb 5, 297.9
salt	**Djïr**	*ḏyr*
salt [connection with 'Hamamat' of Wadi Hamamat, i.e. 'the' salt wadi'?]	**Hm{o}{tè} /** **Hmt{o} /** **HmAm{ō}{tè} /** **HmAm[{ô}w]{tè} /** **HmAm[o]{tè} /** **Hm[o]**	*ḥm{3y}ti.t* = *ḥmt3.ii.t* [*ḥmt{3y}.t*] = *ḥm3m{wy}ti* = *ḥm3mwti* = *ḥm3mti* = *ḥm* (Demotic) Wb 3, 93.14-94.3
salutation! Greeting (German: 'Gruss'; lit. 'cause to water')	**nænæ /** **nïnï**	*nyny* [*nini*] = *nyny* Wb 2, 203.8-13

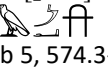
sanctuary	**db{o}r**	*ḏb{ȝy}r* Wb 5, 439
sand [IE = English '**sa**nd']	**sh{*õ*} /** **sh*a***	*šʿy [š{ʿy}]* = *šʿ* Wb 4, 419.23-420.9 = *šʿ* (Demotic)
sandal	tch[*è*]b? / t[*è*]b?	*ṯbw [ṯb.w]*  = *tbw.t* Wb 5, 361.5-8 = *tw [t.w]* (Demotic)
sandals in pair; two sandals	**t[{*õ*}w][é] /** **t{[ô]w}[é]**	*ṯi-wy [ṯi{wy}]* Wb 5, 247.5-15 = *t{ww}* TLA Dokument DZA 30.963.290 = tw.t
sated (to be); sate (to) [French 'se rassasier]	**sA /** **sAï** [s{o}?] / **sA [long 'A' by duplication?]**	*sȝ* = *sȝy* = *sȝȝ* Wb 4, 14-15.19
saw [IE = French 'scier'?]	**w[ô]sr /** **w[ô]sA /** **wAsæ /** **w[ô]s[*è*] ['s' accentuated]**	*wsr* = *wsȝ.t* (NK)  = *wȝsi* (NK) Wb 1, 358.10-14 = *ws* (Demotic)
say	**dj[ô]d**	*ḏd* Wb 5, 618.9-625.2

say! Constructed as in Coptic expressions such as ⲉⲓⲭⲉⲣⲟⲕ 'I say to thee' (ⲉⲓ + ⲭⲉⲣⲟⲕ) (V. 321)	**æ-dj[ô]d**	*i-ḏd* Wb 5, 618.9-625.2
scab, scabies	**{mè}shp[ô]n[è] ['n' accentuated]**	*mšpn.t* [*mᶜšpn.t*]  Wb 2, 157.6
scale (of fish)	**shAnf[è] ['f' accentuated]**	*šnf* [*šꜣnf*] Wb 4, 515.2
scarab	**[a]mHr[é]r[è] ['r' accentuated]**	*mḥrr*
scarab	**m{[ô]w}H[è]r[é]r /** mwH[*è*]r[è]r?	*mḥrr*
scarab type of insect?	***a*psh{o} ['sh' accentuated]** ***a*psh[{o}w}**	*ᶜpšꜣyy* [*ᶜpš{ꜣy}*] Wb 1, 181.18 = *ᶜpš.w.t*  Wb 1, 181.1
scent [rather than 'incense' [IE = Latin '**sentire**', French 'senteur']	**s[o]ntch[è]r /** **s[o]nt[è]r /** **s[o]nt[è]ræ ['tch' or 't' accentuated]**	*sntr* Wb 4, 180.18-181.17 = *sntr* = *sntri* 
sceptre	**g[è]r[ô]m**	*grm*
school [lit. place of teaching]	**a-[na?]-s[é]bA**	*ᶜ.t* (*n*) *sbꜣ*  Wb 1, 160.12
scissor; burin	**Hræb**	*ḥry ib* [*ḥr ib*] No WB?
scissor	**n{[ô]w}q[è]r**	*nḳr*
scorpion	**djl[é] ['l' accentuated]**	*ḏl*
scorpion	**w[ô]H*a***	*wḫᶜ* [*wḫᶜ.t*] Wb 1, 351.1-2 = *wḫ.t* (Demotic)
scream (also as n.)	**sgAb /** **sg[a]p / sk[a]p**	*sgꜣp* Wb 4, 321.1-3 = *sgp skp* (Demotic)
scream, roar; scream, war cry (n); thunder (n)	**h[è]mh[è]m ['h' accentuated]**	*hmhm* Wb 2, 490.9-17 = *hmhm* (Demotic)
scribe [lit. 'writer']	**zkhA / z[a]sh? /** **z[a]kh**	*zḫꜣ* Wb 3, 479.14-481.4 = *zḫ*(Demotic)

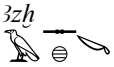
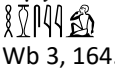
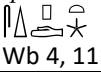
scrub, copse [; bush]	**shtA**	*štꜣ* Wb 4, 555.9-11 = *štw* 'forest' (Demotic)
sea	**ï{*a*m} [pronounced 'ey*a*m']/** ï{[ô]w}{mæ}?	*yꜥm* = *ywmꜥ* Wb 1, 78.11
seal [lit. 'to finger'?; close]	**dj[ô]b*a* /** **t[ô]ba**	*dbꜥ*  Wb 5, 566.12-15 = *tbꜥ* (Demotic)
seal, signet	**djb*a* [accentuation on 'b']**	*dbꜥ*  Wb 5, 566
search, seek, investigate; to take thought of [IE = English '**sear**ch']	Dj*a*r	*dꜥr*  Wb 5, 539.8-540.14
season, time [the latter probably by extension; IE = Englush '**ti**me'?]]	**tr[*è*] / træ**	*tr* Wb 5, 313.12-316.11 = *tri* TLA DZA 25.310.690
seat [IE? = English 'seat']; throne; place; residence	**s[*è*] ['s' accentuated]**	*s.t* Wb 4, 1, 3.10-6.20 & Wb 4, 2.1-10 & Wb 4, 2.11-3.9 = *s.t* (Demotic)
seat; throne [IE = Armenian նստել 'nstel' 'to sit']	**n[é]s[*è*] ['s' accentuated]**	*ns.t* Wb 2, 321.6-323.15 = *ns.t* (Demotic)
secret, mysterious, hidden	**shtA**	*štꜣ* Wb 4, 551.3-552.12
see	**b[ô]r**	*br* Wb 1, 465.6
see [IE = Armenian Դայել' 'naiel'?] [A writing * *n{ꜣy}* should be possible in view of Coptic]	**{n[ô]} /** **n{[ô]w}A** **n{[ô]w}**	*nw* WB II 218,4-16 = *nwꜣ*  = *nw* (Demotic)
seed	**p[*è*]r [‹p› accentuated]**	*pr*

seed of wheat [cereal seed?]	**n[a]pn[*è*] ['n' accentuated]**	*npn.t* Wb 2, 248.13
Sekhmet	**S[a]khm[*è*] ['m' accentuated]**	*sḫm.t* Wb 4, 250.7 = *sḫm.t* (Demotic)
sell, trade, buy (to) [exchange, or swap?]	sw[ô]n?	*swn* Wb 4, 68.1-2
send	**hAb**	*ḥ3b* Wb 2, 479.13-481.1 = *ḥb* (Demotic)
send back; detain	**sh[ô]n*a***	*šnꜥ* Wb 4, 504.5-505 = *šn* (Demotic)
sentence; speech [French: 'parole']	**t[a]p[*è*]-r[o]**	*tp-r3* [*tp-r*] No Wb?
separate (to), charged (to), between (to lie)	{è}{[ô]w}d[è]? / {è}{[o]t[è]? / {è}{[ô]w}t[*è*]?	*{iw}d* Wb 1, 58.11-59.6 = *{iw}t wt* (Demotic)
servant	**bAk**	*b3k* Wb 1, 429.6-430.3 = *bk* (Demotic)
servant (fem.)	**bAk[i] /** **bAkæ**	*b3k.t* = *b3ki* Wb 1, 430.5-10
servant of god, god's servant, priest	**H[ô]m- n[ô]tch[*è*]r**	*ḥm nṯr* Wb 3, 88.49-90.7
servant; partisan [, follower]; retainer	sh[a]ms[*è*] ['s' accentuated]	*smsw* [*sms.w*] Wb 4, 485.6-486.15
serve; follow; conduct, bring	**sh[ô]ms[*è*]**	*šmsy* [*šms*] Wb 4, 482-484.18 = *šms* (Demotic)
sesame (*Sesamum ?indicum* L.)	**Aqï**	*3ky*

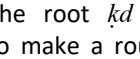
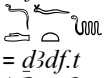
Seth	**S[ô]tsh[*è*?] /** **S{[ô]w}tï /** **S{[ô]w}{t*è*}**	*stš* Wb 4, 345.3-5 = *stš st* (Demotic) = *šwty* = *swtỉ*
seven [IE = seven]	**s[a]fkh**	*sfḫw* [*sfḫ.w*] Wb 4, 115.15
shadow	**kh{o}b[*è*] /** **khAb{[ô]w}s**	*ḫ3yb.t* Wb 3, 225.1-7 = *ḫyb.t* (Demotic) = *ḫ3bws*
shake	**n[ô]H / n[ô]H[*è*] ['H' accentuated]**	*nh* Wb 2, 282.5
shake, agitate	**n[*è*]hn[ô]h** n[è]hn[oo]h? **/** **n[è]hn[ô]hA**	*nhnh* Wb 2, 2.282-285 Seemingly related to *nhnh* 'shake, quake' and also *nhnḫ3* (MK)  'to be shaken' Wb 2, 286.6
shake, tremble, make temble [IE = English '**sh**a**k**e'?]	**sdA** [[e]sdA?]/ **zdAdA** [[*e*]zdAdA?] **/** **[e]sd[a]d[a] /** **æsd[a]d[a] /** æsdïdï or æsd{o}d{o}? ïsAdïdï?	*sd3* Wb 4, 365.15-366.12-2 = *zd3d3* = *sdd* = *ỉsdd* = *ỉsdydy* = *ys3dydy*  Wb 4, 366-367.9

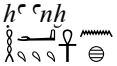
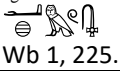
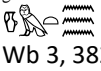
shame (have)	**sh[i]p[*è*]**	*špy*
shame; ugly; hair standing on head	**shl[ô]f**	*šlf*
sharpen; sharp (be); pointed (be)	**d[ô]m**	*dm* Wb 5, 448.7-9
shat (silver unit, in gold or not) (lit. a 'cut' according to V. explaining the presence of a knife as det.)	**Sh*a***	*šʿ* No Wb?
shave	**Ħ*a*q[*è*]** **['q' accentuated] /** **sh*a*q[*è*]**	*ḥ̲ʿḳ* Wb 3, 365.1-2 = *ḥ̲ʿḳ̇* (Demotic) = *šʿḳ̇* (OK court language)
she (pron. third sing. fem.)	**[*e*]nt[ô]s /** **[*e*]ntch[ô]s**	*nts* = *nṯs* Wb 2, 356.14
she [IE = Armenian 's' of 'gouze**s**' 'you want'; Spanish 's; of 'quere**s**' 'you want' (suffix. pronoun)]	**[*e*]s**	*s* Wb 4, 1.4 = *s* (Demotic)
she [IE? = English 'she'? (prefix. pronoun)	**sï [pronounced 'sey'] /** **sæ**	*sy* = *sỉ* Wb 4, 28.13
sheave (to), sheaves (to make)	**q[ô]næ**	*ḳny* [*knỉ*] Wb 5, 52.4
sheave / sheaves	**qn{è}**	*ḳny.w* Wb 5, 52.5
sheet of papyrus [, book?]; papyrus basket; payrus sandals	**djAm*a* /** **dj[ō]mA [metathesis]**	*ḏm*ʿ [*ḏ*ȝ*m*ʿ]  Wb 5, 574.3-9 = *ḏm*ȝ (Demotic)
shepherd	**m[a]n{è}**	*m*ʿ*nyw* [*m*ʿ*n*{*iw*}] Wb 2, 74.17
shepherds (Egypt's Asian neighbours)	**{*â*}m[è] ['m' accentuated]**	ʿȝ*m* [{ʿȝ}*m*] Faulkner, 38 Wb 1, 169.19
sherd, ostracon	**bldj*a***	*bl*ḏʿ
shield	**qr*a* / q[a]r / g[a]l**	*ḳr*ʿ*w* [*ḳr*ʿ.*w*] Wb 5, 59.11

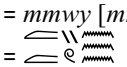
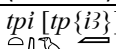
		= *ḳr gl* (Demotic)
Shield Related to *sbḫ.t* 'amulet in form of '?	**sbkh[*è*] ['kh' accentuated]**	*sbḫ*
shine	**æ[*e*]r[*è*]r**	*yrr* [*irr*] Cerný, CED 46
shine (of the sun)	h{o}	*ḥ3y* Wb 3, 14.9-15.3
shine, scintillate	**b{*ō*}rkA**	*bwyrk3* Wb 1, 466.7
shine; clear, bright (be); brighten (to)	**wb[ô]kh**	*wbḫ* Wb 1, 295.12-20
shiver [onomatopoeia similar as French 'glagla'?], shudder	**Agb** ['gb' accentuated by reduplication?]	*3gbgb* [*3gb*] Wb 1, 22.17
shop; warehouse, storehouse; work place	**shn*a***	*šnᶜ* [*šnᶜ.w*] Wb 4, 507.12-508.25
shoulder	**gAH /** **qAH**	*g3ḥ* Meeks, AL 77.4614 = *k3ḥ* Wb 5, 19.6-14
shoulder	**q*a*Ht[*è*] ['t' accentuated]**	*ḳᶜḥ.t* [*ḳᶜḥt*] = *kḥt* (Demotic) Wb 5, 19.6-14
shout [lit. cause to [make some] screams of joy] [IE = English: 'jubilate']	**sh-l[oo]l{[ô]w}l/ [ô]sh-l[oo]l{[ô]w}l**	*š-llwl* [=? **rrwr*]
shrew, shrewmouse (from *ᶜmᶜm* 'devour' as the shrew eats twice its weight daily).	***ama*m /** ***a*mAm /** **amam /** **arar**	*ᶜmᶜm* [*ᶜmᶜm.w*] = *ᶜm3m.w* Wb 1, 186.10 = *mᶜm* (Demotic) = *ᶜrᶜr* (Ptol.) Wb 1, 210.7
shrine [IE = English 'shrine'?]	**s[é]n[*è*] ['n' accentuated]**	*snw.t* [*sn.w.t*] Wb 4, 152.15-153
shy, lack (to)	n[ô]Hæ	*nḥy* [*nḥi*] Wb 2, 280.11

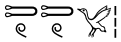
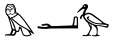
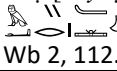
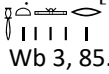
sick (be)	**sh[ô]n[*è*] ['n' accentuated]**	*šny* [*šn*] Wb 4, 494.15-18 = *šn* (Demotic)
sickle	**khAb[*è*] ['b' accentuated]**	*ḫ3b* Wb 3, 361.14
sickle [IE = English: 'sickle']	**Azkh /** **æskh**	*3zḫ*  = *isḫ* Wb 1, 19.18
sieve [; brew?]	**ætkh /** ***a*tkh /** ***a*tchkh**	*iṯḫ* = *ꜥṯḫ* = *ꜥṯḫ* Wb 1, 236.13-237.3
sign, figure, form, image	**tæ /** **tï**	*ti* Wb 5, 239.1-240.11 = *ty* (Demotic)
silent (adj.); silent one [IE ='sourd' French? Coptic is closer; see the verb *gr* 'to be silent']	g{[ô]w}r	*grw* [*gr.w*] Wb 5, 180.9-11
silent (to remain); cease	**g[ô]r**	*gr* Wb 5, 179.9-180.5 = *gr* (Demotic)
silo; barn, granary, storeroom	**sh[è]{n{ô]w} ['sh' accentuated]**	*šnw.t* Wb 4, 510.1-16
silver	**H[a]dj[*è*] ['a' long or possibly even 'ô'; 'dj' accentuated]**	*ḥḏ* Wb 3, 209.9-210.6
similar (be); correspond (to something); sufficient (to be). correspond (to)	**t{[ô]w}t** [t{[ô]}t?]	*twt* Wb 5, 256-257.18
since [lit. 'of taking of'] (prep.)	n-DjAï-n **/** n-Dj{ôï?}-n	*n ṯ3y n*
sing	**H[ô]s / H[ô]sï**	*ḥsy* [*ḥs*] = *ḥsy*  Wb 3, 164.11-165.1 = *ḥs* (Demotic)
sink in; drown	**H[ô]rp**	*ḥrp* Wb 2, 500.27-501.4
Sirius (star) = 11th month of the year	**S[ô]pd[*è*] ['d' accentuated]**	*spḏ*  Wb 4, 111.5-8

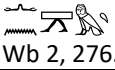
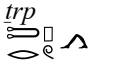
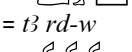
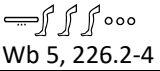
sister	**s[ô]n[*è*] ['n' accentuated]**	*sn.t* Wb 4, 151.5-16
sit down; be seated	**Hm[ô]s /** **H[*è*]msæ /** **H[*è*]ms[i]**	*ḥmsy* [*ḥmsi*] Wb 3, 96.13-98.22 = *ḥms* (Demotic)
sit, sit down, sit (to make (*rdy*); occupy [IE = English 'sit'?]	**Hmz[ô] ['s' accentuated] /** **hæms[ô] /** **æHms[ô] /** **Hms[o]**	*ḥms* [*ḥmz*] = *ỉms* [*ḥmz*] aesthetic = *ỉḥms* = *ḥms* (Ptol.) Wb 3, 96.13-98.22
six [IE = Spanish ‘seis’, English ‘six’, etc..]	**sæs**	*sỉs* Wb 4, 40.7
skin; leather	**æn[o]m**	*jnm* [*inm*] Wb 1, 96.14-20
skipper, barge driver [French 'batelier']; sailor,	n[ē]f / n[è]f{[ô]w}?	*nfw* Faulkner, 131 & Wb 2, 251.1-7
sky	**p[*è*]ï / p[*è*]**	*py* = *p.t*
sky water [path]; heaven, sky	**b{ä} /** **bæ /** **b{è}**	*by*ʒ [*b{i*ʒ*}*] = *bỉ* = *b{iw}* Wb 1, 439.6-9
sky; roof; temple?	**khï**	*ḫy.t* Wb 3, 238.3-5
sleep [see also *nḳd.t*]	**q[ô]d[*è*] ['d' accentuated with or without duplication]**	*ḳd.t* Wb 5, 78.11-14 = Wb 5, 78-79.4
sleep [see also *ḳd.t*]	**nq[ô]d[*è*] /** **nAq[ô]dï ['d' accentuated through duplication]**	*nḳdd* = *nʒḳdydy* Wb 2, 345.1 = *nkty* (Demotic)

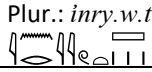
sleep [subst. from the root *ḳd* 'to circulate [around] = to make a round tour of the night?]	**q[a]d[*è*] ['d' accentuated, also by duplication]**	*ḳd*  = *ḳdd* = *plur.* Wb 5, 78-79.4
sleep; sleeping (subst.)	**n[i]{m*è*} ['m' elongated, with or without duplication]**	*nmꜥ* Wb 2, 266.7-8
small (be); small, little, meagre	**Sh[a]r[*è*] ['r' accentuated by duplication]**	*šrr* Wb 4, 524-525.10 = *šr* (Demotic)
small [boy]; young; little (of something) [IE = English 'boy'?]	**gwï**	*gwy*
smell, inhale, breath (a pleasant smell); 'smell' (n.) [French: 'odorat']	**kh[ô]n[*è*]m ['n' accentuated]?**	*ḫnm* Wb 3, 292.4-9
smell, perfume; fragrance, stench [IE = 'stench' English]	**s[*e*]tch[o]æ/** **s[*e*]tch[ô]ï /** **st[o]ï**	*s̱ṯi* [*s̱ṯi*] (NK - XVIII) = *sty* Wb 4, 349.5-350.1 = *sty*
smoke	**k[ô]rm**	*ḳrm*
smoke	**qrmts / q[*è*]rm[*è*]t[*è*]s**	*ḳrmts*
smoke (meat)	**qAhd**	*ḳ3hd* Wb 5, 12.8
snake	**Hf{Au}**	*ḥf{3w}* Wb 3, 72.14-20 = *ḥf* (Demotic)
snake; worm [; rampant?]	**dj[a]df[*è*] /** **djAdf[*è*] /** **dj[a]tf[*è*] ['f' accentuated]**	*ḏdf.t*  = *ḏ3df.t* Wb 5, 633.6-634.3 = *ḏtf.t* 'worm' (Demotic)
so and so, such [referring to a person, ex: French 'untel', 'tel'], a certain person [IE = English 'man'?]	**m[a]n /**	*mn* = *fem: mn.t* Wb 2, 64.13-65.5

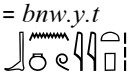
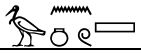
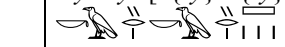
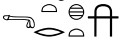
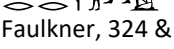
soap = piece of salt	**Andjïr**	*ꜣndyr* = *ꜥn ḏyr*
soil, earth, ground; dust, dirt	**ætn**	*ỉtn* Wb 1, 145 [between 13 & 14] =*? ỉtn.w*
solid	**r[ô]wdj**	*rwḏ* Wb 2, 410.13-412.9
some, a little bit of; matter, thing	**nk[a]**	*nkt* [*nk.t*] Faulkner 141 & Wb 2, 347.12-16 = *nkt* (Demotic)
someone [IE = English 'some**one**']	**w[ô]n**	*wn* No Wb? = *wn* (Demotic)
son	**zA /** **sA**	*zꜣ* Wb 3, 408.1-409.14 = *sꜣ* (Demotic)
son [lit. 'body [of his] life, life body]	**H*a* *a*nkh**	*ḥꜥ ꜥnḫ*  No Wb?
son [lit. 'little one']	**sh[é]r[*è*] ['r' accentuated] /** **sh[é]ræ / Sh[é]rè** **Plur.: Sh[è]r[{ô}w[*è*]] ['r' accentuated]**	*šr* = (NK) = also. 'boy, child' = *šr* (Demotic) = Plur. (OK): = Plur. (NK): Wb 4, 526.9-23
soot? (mentioned as combustible along charcoal)	***a*khm[i]**	*ꜥḫm*  Wb 1, 225.1
soul	**bA[i] b{o}?**	*bꜣ* Wb 1, 411.6-412
soul; character [IE? = French 'âme']	**Amï**	*ꜣmy.t*
source (of spring)]; well	**kh[a]nm[*è*] ['m' accentuated]**	*ḫnm.t*  Wb 3, 382.10-15

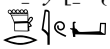
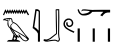
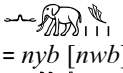
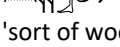
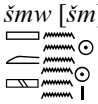
source [water]	**m[ô]m[*è*] ['m' accentuated]/ m[ô]mï**	*mm.t* = *mmwy* [*mmy.w*] [Ptolem.]  No Wb?
South (the, as country); meridional, southern	**r[é]sï**	*rsy* Wb 2, 453.1-8 = *rs rsy* (Demotic)
southerner, man of the south (also man of Punt); Nubia	N[è]hsï	*Nḥsy* Wb 2, 303.3-7
sovereign [related to *it* 'father' as already suggested by Chassinat?]	**æ[ô]{t*è*}ï**	*itii* (*ity*) Faulkner, 32 & Wb 1, 143.3-14
sow [French 'truie'; reminiscent of porc [IE = Greek χοίρος as noted by V. Also Armenian: 'khoz']	**r[i]r /** **rïrï /** **rræ /** **r[i]r**	*rr.t* = *ryry* (?Ist) = *rri* Wb 2, 438.8-11 = *rr.t* (Demotic)
sow [French: 'coudre'], stitch	**t[ô]p{ä} /** **t[ô]p**	*tpi* [*tp*{*i3*}]  = *tp* Cerný, CED 191 (TLA) = *tp* (Demotic)
sow [IE = English 'sow'?]	**s[ô]tch[*è*] /** **s[ô]tï ['tch' or 't' accentuated]**	*st* = *sty* Wb 4, 346.13-347.7 = *sty* (Demotic)
sow [IE = English 'sow']	**æsh /** **[è]sh{o}**	*iš* =*š3y* [*š*{*3y*}]
sow [IE = English: 'sow']	**[*e*]sh{o} /** **æsh{o} /** **æs[o]**	*š3y* [*š*{*3y*}] = *is* (Demotic) Wb 4, 405.11
Spark = *tk3?* 'flame'	**tïk**	*tyk*

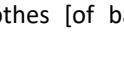
sparrow	**tch[a]tch / dj[a]dj /** Plur: tch{[ô]w[*è*]? [plural by reduplication?]	*tt* Wb 5, 413.14-15 = Plur.  = *ḏd* (Demotic)
speak [lit. 'cause to say']; tell, talk; recount [IE = English '**sa**y?]	**s[ô]dj[è]d ['dj' accentuated]**	*sḏd* Wb 4, 394-395.12
speak; words, discourse; thing, affair; [recitation, incantation; charm, spell] [IE = French 'mot'?] =as in *ḏd mdw* 	**m[ô]d /** **m[oo]t**	*mdw* [*md.w*] Wb 2, 179.2-28, 180.2; = *mt* [(Demotic)]
spear [javelin]	**m*a*bA**	*mꜥbꜣ*  Wb 2, 47.1-3
spear [weapon]	**n{*ō*}[i]**	*nywy* [*nꜥ{wy}*] Wb 2, 202.15
spear, lance	{mè}ïr[é]h or m{*ō*}r?	*mrḥ* [*mꜥyrḥ*]  Wb 2, 112.4
spell (magic) = *ḥmw-r* [*ḥm.w-r*] 'art [of] mouth'  Wb 3, 85.1-2	**Hm[é]-r[o]**	*ḥm*(*-w*)*-r* [*ḥm-r*]
spice; incense	**H[é]nï**	*ḥny* = *? ḥn* 'offering' Wb 3, 102.16
spikelet of wheat	**Ħ[é]ms /** **Ħ[*é*]ms /** **kh[*è*]ms**	*ḫms* = *ḫms* (Ptol.) Wb 3, 367.5-6 = *ḫms* (Demotic)
spin	**H[i]z[*è*] ['z' accentuated]**	*ḫz* Wb 3, 159.2
spin [wool]; weave	**s[ô]tchA /** **s[ô]tA**	*sẗꜣ.t* Wb 4, 351.7-354.4; 355.4-5 = *stꜣ* (Demotic)

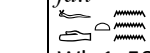
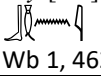
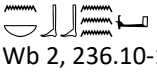
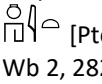
spirit, soul, divine essence; glorified spirit; demon; spirit (as being) [IE = French: **êtr**e? (as person)]	**Akh**	*3ḫw* [*3ḫ.w*] = *3ḫ.w* Wb 1, 15.17-16.10 = *3ḫwy* (Demotic)
spit (to) [similar to the popular Armenian interjection of disgust and/or spit '*toof*']	**t[ô]f**	*tf* = *tf* Wb 5, 297.6-8
splash	**n[ô]djꞩ**	*nḏḫ*
spleen [French 'rate']	**n[ô]n[ô]shm**	*nnšm*  Wb 2, 276.17-20
spread, disperse, ray or similar	**s[ō]r**	*sr* Wb 4, 191.15 = *sr* (Demotic)
spread, spread oneself; extend	**sdw[ô]n /** **swt[o]n [metathesis]**	*sdwn* No Wb? = *swtn* (Demotic)
stable (of the king and of his soldiers)	**æH[i]**	*iḥ.t* Wb 1, 121.4-6 = *iḥy* (Demotic) = *iḥ.w*
stagger, stumble [French: tituber]	**tch[ô]rp**	*trp*  Wb 5, 387.10
stairway, staircase; ramp [lit. 'earth of foot' ; IE = English 's**tai**r'?]	**tA-r[a]d**	*t3 rd* [*t3-rd*]  = *t3 rd-w*  Wb 5, 226.2-4
stand; get ready; do (something)	***a*H*a***	*ḥ* Wb 1, 218.3-219.20
star	**s[è]w**	*sw*
star of some kind mentioned in designation of constellations (Pleiades?); TLA states ' der Finstere (Stern)' for *knmty.*	**k[i]nm{[ô]w} /** **k[i]nm[oo]tï**	*knm.t* [*knmwt*] Wb 5, 132.13 =? *knm.t-y* [*knmty*] (LM) 'sort of star' Wb 5, 133.6-7
stater	**st[a]tr**	*sttr*
statue, image, idol	**tw[o]t** **tw[ô]tï**	*twt* Wb 5, 255.8-256.20 = *twty* (Neo E.)

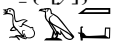
stay, remain	**m[ô]n**	*mn* Wb 2, 60.6-62.26
steal (someone or something)	**H{[ô]w}t[*è*]f**	*ḥwtf* Wb 3, 56.17-57.3
stelae; tomb stone; boundary or commemorative stone or stelae Derived from *wḏ* 'order'.	**w[ô]djï /** w[o]d{*ō*}? **/** **w[o]ï{*tè*}**	*wḏ* TLA DZA 22.704.110 = = *wḏy* (NK) = *wḏyti* Wb 1, 398 15 = *wty* (Demotic)
stem	**Ar{[ô]w}ï**	*3rwy*
stick	**shAb[ô]d /** **shAb[ô]d[*è*] ['d' accentuated] /** **shAb[ô]dï**	*š3bd* = *š3bdy*.w Wb 4, 442.13-14 = *šbt* (Demotic)
stick?	**wAH**	*w3ḥ* Wb 1, 257.17
sting, prick, pierce (to)	**t[ô]b[*è*]s /** **d[ô]b[*è*]s ['b' accentuated]**	*tbs* = *dbs* Wb 5, 262.10
stink	**kh[ô]nsh**	*ḫnš* Wb 3, 301.1-3 = *ḫnš* (Demotic)
stink, bad smell (of a roten body)	**{ä}b[*è*] ['b' accentuated]**	*i3b* [*{i3}b.t*] Wb 1, 29.19
stone	**ænr /** **æn /** **ænï** **Plur.: ænrï{[ô]w[*è*]}**	*inr* = *in* Wb 1, 97.12-98.6 = *iny* (Demotic) Plur.: *inry.w.t* 

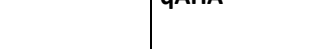
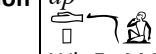
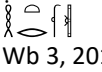
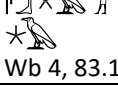
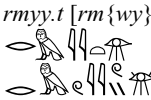
stone [large] for griding = griding stone, quern (French: 'meule')	**b{n[ô}w}[è] /** **bn{ō} /** **bA{n[o]w}**	*bnw.t* = *bnw.y.t*  Wb 1, 458.12-14 = *bꜣnw* 
stone of a precious nature, set in gold	**qAr{t[é]} / glt[è]**	*ḳꜣrt* [*ḳꜣrti*] Wb 5, 66.6 = *glt* (Demotic)
stone pile [IE = Armenian ‘քար’ 'kar' 'stone]	**k{o}rk{o}r**	*kꜣyrkꜣyr* [*k{ꜣy}rk{ꜣy}r*]  Wb 5, 136.5 = *krkr* 'talent' (weight)
stone which is sharp - sharp stone? [meaning uncertain] Aesthetic arrangements of both words: 	b[è]nb[i]n? / **b[è]rb[i]r**	*bnbn* = *brbr* Wb 1, 459.12
stove	**l[a]gnt**	*lgnt*
strainer, vessel in bronze	**mr[ô]kh[è] /** **{mè}r[ô]kh[è] /** **mtr[ô]kh[è] ['kh' accentuated] /**	*mrḫ* Wb 2, 112.11-12 = *mtrḫ*  Wb 2, 174.15
strange, foreign	dj[a]djræ / dj[a]djï [first 'dj' accentuated]	*ḏrḏri* [*ḏrḏrii*]  Faulkner, 324 & Wb 5, 604.8-10 = *ḏḏy* (Demotic)
straw	**d[ô]HA /** **t[ô]H**	*ḏḥꜣ* Wb 5, 481.1-7 = *tḥ* (Demotic)
straw	**r[ō]ï**	*rwyy.t* [*r{wy}.t*] Wb 2, 408.2
street	**khAr**	*ḫꜣrw* [*ḫꜣr*] Wb 3, 232.5-6 = *ḫr ḫyr ḫry* (Demotic)

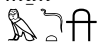
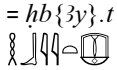
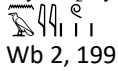
street, district [IE? = French 'rue']	**rA-wA**	*r3-w3.t* Wb 2, 396.6-11
strength	**g[o]m**	*gm*
strength	**p[a]Htï /** **p[a]Ht[è] ['t' accentuated]**	*ph.t.y* Wb 1, 539.5-540.9 = *ph.t* (Demotic)
strength; striking power (Gardiner)	**At**	*3.t* [*3t*] Wb 1, 2.3-4
strength; victory; rigidity [of members]	**n[a]kht[è] ['t' accentuated]**	*nḫt* Wb 2, 317.4-10
strong (to be); strenghten (to)	**n[ô]kht**	*nḫt* Wb 2, 314.6-315.4
strong; solid, stout (adj.)	**dj[ô]ræ /** **dj[ô]r{è}**	*ḏri* = *ḏry* [*ḏr{iw}*]  Wb 5, 599.1-8
styrax?; odoriferous resin; tree parts	**n[*e*]næb[è] /** **n{o}b[è] /** **n{[ô]}n{[ô]}b[è]** **nAb[è] /** **n{o}b[è]**	*nnyb* [*nnyb*] Wb 2, 276.9-14 = *nʿib.w*  = *nnb* = *n3b*  = *nyb* [*nwb*]  'sort of wood' Wb 1, 63.10-14
suck; suckle (breast feed) [IE = English 'suck']	**s[ô]nq**	*snḳ* Wb 4, 174.7-18 = *snky* (Demotic)
suddenly [lit. hastily] [IE = Armenian: 'shtap' 'quick?]	n-h[ô]tp	*n htp*
suffer; to make suffer; miserable (to be); torture	**{ä}d[è] /** **Atï**	*i3d* [*{i3}d*] = *3ty* Wb 1, 35.9-12
summer (season); harvest; tax [IE = English: 'summer']	**sh[o]m /** **sh[o]m[è] ['m' accentuated]**	*šmw* [*šm*]  = *šmm* Wb 4, 480.5-14

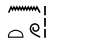
		= *šmw šm šmm* (Demotic)
sun	**R*a***	*rˁ* Wb 2, 401.5-10
sun goddess	**r{õ}**	*rˁyy.t* [*r{ˁy}.t*] Wb 2, 402.6-11
sunlight = *? ḫ.t* 'fire; flame'	**kh[*è*]ï**	*ḫy*
sunlight, rays, beams	**m{Au}[i]**	*mɜ́w.t* [*m{ɜ́w}.t*] Wb 2, 28.1-4 TLA DZA 23.793.460
superintendent, chief [of soldiers], great [person of]	**{*â*}n**	*ˁɜ́n* [*{ˁɜ́}n*] Wb 1, 163.1
superior	Hræ/ Hrï	*ḥri* = *ḥry* Wb 3, 133.1-136.6 = *ḥry* (Demotic)
support of circular jar	***a*gAnA / *a*g[a]n**	*ˁgn* [*ˁgɜ́nɜ́*] = *ˁgn* Wb 1, 236.5-6
support, carrier [of god's statue]; column; bearer	**rm[ô]n[*è*] [‘n’ accentuated]**	*rmn* Wb 2, 419.19-420.9
surround	**æn[ô]H**	*inḥ* Wb 1, 99.3-13
swaddling clothes [of baby] (French: 'langes')	**{n[ô]}wd /** **n{[ô]w}tï [t accentuated]**	*nwd.t*  = *nwty* Wb 2, 225.12-14
swallow	**b[è]nï** = m[è]n[i]?	*bny* *=? mn.t* Wb 2, 64
swallow	**s[ô]Ħb /** **s[ô]Ħp /** **s[ô]khb**	*sḫb* = *sḥp* = *sḫb* (Ptol.) Wb 4, 268.13-269.5

swamp, [marsh]	**Akhr**	*ꜣḫr*
swear; conjure	***a*rq**	*ꜥrḳ* Wb 1, 212.17-213.3 = *ꜥrḳ* (Demotic)
sweat	**f[ō]d[*è*] /** **f[o]t[*è*]ï ['d' or 't' accentuated]**	*fd.t*  Wb 1, 582.6-11 = *fty* (Demotic)
sweet, pleasant (v. & adj.) [?IE = Armenian 'noush']	**n[ô]dj[*è*]m /** **n[oo]dj[*è*]m ['dj' accentuated]**	*ndm* Wb 2, 378.9-379.21
sweet, soft, weak (to be)	**g[*è*]n[ô]n /** **g[*è*]{n[ô]} /** **gAn[ô]n**	*gnn* (NK - Dyn. XX) = *gnn* (OK) Wb 5, 174-175.17 = *gnn* (Demotic) = *gnw* (NK - Dyn. XIX) = *gꜣnn* (OK)
sweet, sugary (to be, – also adj.)	**b[*è*]næ ['b' accentuated]**	*bny* [*bnỉ*]  Wb 1, 462.7-463.6
swell	**sh[ô]f[*è*]**	*šf* Wb 4, 455.8-11
swim	**Hl*a*[i]l*a***	*ḥlꜥlꜥ*
swim [IE = Spanish 'nadar'?]	**n[é]bæ /** **n[é]b[*è*] ['b' accentuated] /** **nbï**	*nby* [*nbỉ*] = *nbb*  Wb 2, 236.10-11 = *nby* (Demotic)
sycamore fig's fruit which is notched	**nq*a***	*nḳꜥw.t* [*nḳꜥ.w.t*] Wb 2, 343.8-12
sycamore; any tree with leaves	**n[oo]h[*è*] ['h' accentuated] /** **n[oo]hA /** **{n[o]w}hæ /** **n[*è*]H{ô} [metathesis?]**	*nh.t* = *nḥꜣ* = *nḥỉ*  [Ptol.] Wb 2, 282.6-283.2 = *nḥꜣy* [*nḥ{ꜣy}*] = *nhy* (Demotic)

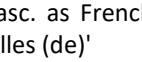
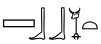
syntax	**s[*è*]nt[a]ks**	*sntks*
tail	**s[a]d /** **s[a]t**	*sd* = *st* (Ptol.) Wb 4, 363.4-364.2
take away, rapt	**sh[ô]d[*è*] ['d' accentuated] / sh[ô]tï**	*šdy* [*šd*] Wb 4, 560.8-562.19 = *šty* (Demotic)
take away, save, protect; remove, steal [semantic shift]	**n[ô]Hm /** n[oo]Hm?	*nḥm* Wb 2, 295.12-297.4 = *nḥm* (Demotic)
take by force, remove forcefully; repulse (to)	t[ô]fï? / t[a?]f	*tfy* = *tf* Wb 5, 297.11-298.10
take possession of, seizing (enemies) [IE = French 'chopper'?]	**sh[ō]p /** **sh[o]p**	*šzp* = *šp* Wb 4, 530.1-533.18 = *šp* (Demotic)
take!	**m[*è*] ['m' accentuated]**	*my* [*m*] Wb 2, 36.1-2
take; pluck resin; remove; seize, don [IE = English 'take'?]	**[*e*]tch{o} /** **[*e*]tch{Au} /** **[*e*]tch{o}** **ætch{o}**	*ṯ3y* = *ṯ*{*3w*} = *ṯ*{*3*[*y*]}  = *iṯ*{*3*[*y*]} Wb 5, 346.1-347.20
Takinash	**Tch[a]k[i]n[a]sh**	*ṯknš* GDG VI, 84 (TLA)
tale	**shfA**	*šf3*
tamarisk (*Tamarix* sp.)	**æzr / æsr**	*izr* = *isr* Wb 1, 130.1-5

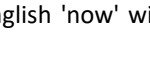
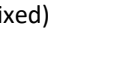
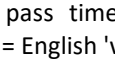
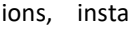
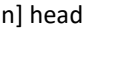
tame (horses)	**qAHA**	*ḳḥ* [*ḳ3h3*]  Wb 5, 66.8-10
Tanis	**dj*a*n[*è*] /** **dj*a*nï ['n' accentuated]**	*ḏ^ꜥn.t* No Wb? = *ḏ^ꜥny* (Demotic)
taste [IE = English 'taste'?]	**d[ô]p / d[ô]p[*è*] [accentuation on 'p'] /** **t[o]p**	*dp*  Wb 5, 444.16-445.9 = *tp* (Demotic)
tax (compulsory payment), wage	**H[ô]t[*è*]r /** **H[ô]t[*è*]ï ['t' accentuated]**	*ḥtr*  Wb 3, 201.9-18 = *ḥtr ḥty* (Demotic)
tax; levee	**s[*è*]k[o]r**	*skr*
teach	**s[ô]bA**	*sb3*  Wb 4, 83.18-84.14
teaching, education; punishment [semantic shift, i.e., 'education' in the strict sense]	**sb{o} /** **sb{Au}** **sbA**	*sb3-yy.t* [*sb{3y}.t*] Wb 4, 85.10-86.12 =*sb3.w.t* [*sb{3w}.t*] = *sb3.t* (Demotic)
tear [IE = Latin: larma]	**ArmA**	*3rm3.t*
tear [IE= Latin: 'lac**rim**a / lac**rim**ae'; French: 'l**armoyer**']	**[e]rm{ō}** **[e]rm{[ô]w}** **Plural: [e]rm{[ô]w[è]}**	*rmyy.t* [*rm{wy}wy.t*]  Wb 2, 417.14-15 TLA DZA 25.897.160 Plural: *rmw.t*
tempest; violent wind, squall; fart [lit. to '[make some] wind'	**Dj*a***	*ḏ^ꜥ* Wb 5, 533.11-534.6
temple	**rA-p[æ]r**	*r3-pr* No Wb? = *rpy* (Demotic)
temple [lit. 'house of the god]	**H[*è*]-n[ô]tch[*è*]r** [accentuated]	*ḥ(w).t nṯr* [*ḥ.t nṯr*] Wb 3, 4.11-5.9

ten	**m[é]dj[*è*] ['dj' accentuated]/** **m[é]t or m[é]t[*è*]**	*mḏ.t*  Wb 2, 184.1-2 = *mt* [(Demotic)]
ten thousand	**Djb*a***	*ḏbˁ* = *tbˁ* (Demotic) Wb 5, 565.13-566.4
tendon	**q[ô]bH**	*ḳbḥ.t* Wb 5, 26.1
tent for feast; tent	**Hb[ô]** **Hb{o}** **Hb[o]**	*ḥb* = (n) Wb 3, 57.4 = *ḥb{ȝy}.t* (NK - XXth)  = *ḥb* (Demotic)
tenth [of part]	rA-m[é]dj[*è*]	*rȝ mḏw* [*rȝ mḏ.t*] No Wb?
that of (poss. pref.)	**pAn**	*pȝn*
that, this (demonstr. adj. with the subtlety of French 'ceci', German 'dieses'), by extension 'the' [French 'les']	**nA /** **nAn**	*nȝ* Wb 2, 199.1-3 = *nȝ-n* (until ?th dyn.)
the (demonst. adj.)	**pA**	*pȝ* Wb 1, 492.3-493
the (fem. = French: 'la'); these (fem.)	**tA /** **dA /** **{tè}**	*tȝ* = *dȝ* = *tỉ* [Late] Wb 5, 211.5-11
The Good Seed (unidentified plant?)	p[è]r-n[oo]f[è]r	*pr nfr*
their (poss. art. 3rd plural)	n{o} or n{o}w[é]?	*nȝy-w* [*nȝy.w*]  Wb 2, 199

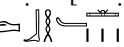
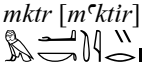
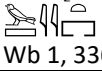
them (pron.; French: 'eux', 'elles')	**m[*è*]nt{[ô]w} /** **[e]nt{[ô]w}**	*mntw* = *ntw*  Wb 2, 355
there [afar]	**mæm[ô] /** **æm[ô] /** **m[ô]**	*mỉm* = *m* Wb 1, 1.1
there [French = 'là-bas']; here	**d[{o}] /** **t[{o}]**	*dy* [*d*[*ȝ*]*y*] Wb 5, 420.4-8 = *dȝy tȝy* (Demotic)
there is; be	**w[ô]n / w[ô]n[*è*] ['n' accentuated by duplication]**	*wn* Wb 1, 309.7-11 = *wnn* Wb 1, 309.7-11 = *wn* (Demotic)
there, towards here (prep.)	**mænA**	*mynȝ* [*minȝ*] Wb 2, 44.1
these one	**n[*è*]** [n[{ô}w?]	*nw* [*n.w*] Wb 2, 216.2-12
these, this (emphatic as in French 'ce (jour)-çi'.)	**æpn /** **{è}pn /** **{è}p{n[ô]}w[*è*] [Plur]**	*ipn* = *{iw}pn* = *{iw}pn,w* Wb 1, 69.13
they, them (Prefix Pron. fem. and masc. = French: 'ils', 'elles') [IE = English '**the**y']	**z[*è*] /** **s[*è*] ['s' accentuated]**	*z.t* = *s.t* Wb 4, 325.4-10
they; them (French: 'ils' or 'eux')	**w[*e*]** [a schwa?]	*w* / Wb 1, 243.12-14
thick (to be ; said of beer, etc..)	**wm[ô]t**	*wmt* Wb 1, 306.9-14
thief	**ætchA /** ***a*dj**	*ỉtȝ* Faulkner, 34 & Wb 1, 151.1 = *ḏ* (Demotic)

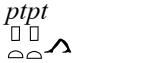
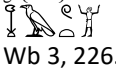
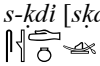
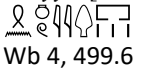
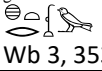
thin; fine	**pAq[*è*] ['q' accentuated]**	*pꜣk* Wb 1, 499.6-7
thin; meagre (be)	**Shm*a***	*šmꜥ* Wb 4, 477.12-478.2
thing; [by extension:] possessions; products; dishes; affairs; offerings; rituals; feasts	**ækh / [*e*]kh [schwa] / Akh**	*iḫ* [*iḫ.t ḫ.t*] = *ꜣḫ* (NK - XIX) Wb 1, 124.2-125.7
Thinis	Tchnï ?/ Tch[i]nï?	*tny* Wb 5, 372.11-12
think	**m{Au}[*è*] /** m[è]wï?	*mꜣw.t* [*m{ꜣw}.t*] Wb 2, 34.17-21 = *mwy* [(Demotic)]
thirsty (to be)	**æb[*é*]**	*ib.t* Wb 1, 61, 8-10
thirsty (to be)	**æb[*è*] /** **Abï / æbï ['b' accentuated]**	*iby* [*ib*] Wb 1 61. 8-10 = *ꜣby* / *iby* (Demotic)
this one (demons.)	**p[*è*] [‹p› accentuated] /** **pæ**	*pw* [*p.w*] = *p* = *pi* Wb 1, 505.2-4
this one (fem. = French: 'celle-ci')	**t{o} /** **t{Au}**	*tꜣy* = *t{ꜣw}* Wb 5, 212.3-5
this one (French 'celle-ci')	**t[*è*]**	*tw* [*t.w*] Wb 5, 244.9-10
this one (poss. adj.)	**p{o}**	*pꜣy* Wb 1, 493.1 = *pꜣy* (Demotic)
thorn, spike [French 'pointe'. IE = Armenian unuեր 'sousér' 'sword'. English 'sword'?]	**s[oo]r[*è*] ['r' accentuated]**	*sr.t* Wb 4, 190.24-191.2 = *zr.t* [Ptol. = 's'?] = *sr.t* (Demotic)

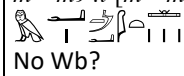
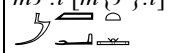
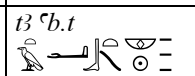
those (of; masc. as French 'ceux (de)' or fem. as 'celles (de)'	n{o}-n	*nȝy-n* [*nȝyn*]  Wb 2, 199.3b
Thoth (lit. He/the one from DjHôt) [probably a locality]	**DjH{[ô]w}tï / DH{[ô]w}tï / DHot / THot**	*ḏḥw.t* [*ḏḥwty*] = = *ḏḥwty* = *ḏḥw.t* [*ḏḥwt*] or *tḥw.t* [*tḥwt*] (Demotic) Wb 5, 606.1-2
Thoueris [lit. 'The Great [One]]	tA-Wr[*è*]	*tȝ wr.t* Wb 1, 330.5
thousand (represents the rhizome, stem and leaf of the lotus)	**khA**	*ḫȝ* Wb 3, 219.3-220.2 = *ḫȝ* [as sign] (Demotic)
thread	**n[a]dj / n[è]dj**	*nḏ* Wb 2, 376.18-20
thread bowl? (French: pelote?); conditioning or measure for thread	**kh*a***	*ḫʿw* [*ḫʿ.w*] Wb 3, 242.18
thread; string	**H[ô]sA**	*ḥsȝ* Wb 3, 166.4
three	**kh[ô]mt kh[ô]mt[*è*] ['t' accentuated]**	*ḫmt* Wb 3, 283.8-12
threshold [of house]	**bn[é] ['n' accentuated by duplication?]**	*bnn.t* Wb 1, 460.15
throat	**shAsh{o}**	*šȝšȝ.yy.t* [*šȝš{ȝy}.t*] Wb 4, 413.6-9 & TLA DZA 29.951.460
throat [IE = English: 'throat']; tracheid-artery, gullet, oesophagus; tube	**shb[o]b[*è*] ['b' accentuated]**	*šbb*  = *šbb.t* Wb 4, 439.3-4
throw	**t[ô]kA**	*tkȝ*
throw; deposit, leave, abandon; dispatch	**kh{Ã} /** **kh{*â*}**	*ḫȝʿ* [*ḫ{ȝʿ}*] Wb 3, 227.3-228.25 = *ḫʿȝ* (Demotic)
thumb; claw; talon; herminette?	***an*[*è*] ['n' accentuated]**	*ʿn.t* Wb 1, 188.1-7

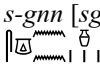
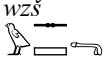
thus (in the sense of French: ‘voici’ in affirmative sentences) [IE? = Armenian ‘aisbès’; English 'thus'?]	***a*s / is**	*ꜥs* = (Demotic) *is* = *is*
Thus (in the sense of French: ‘voici’ in affirmative sentences) [IE? = Armenian այսպես ‘aisbès’, French: 'ainsi']	**æs /** ***a*s**	*is* Wb 1, 130.9-13 =*ꜥs is* (Demotic)
tie	**tchAz**	*ṯ3z* Wb 5, 396.13-399.3 = *ṯs* (Demotic)
tie [; harness], bind together	**Ht[ô]r[è]**	*htr* Wb 3, 202.2-3
tied (to be)	**d[ô]qr**	*dkr* Wb 5, 496.4;
tight (be)	**g{Au} /** **= g{o}**	*g3w [g{3w}]* = *g3y* Wb 5, 151.6-14 & TLA DZA 30.627.600 = *gw* (Demotic)
time	**s[é]w /** s[é]{oo}?	*sw* Wb 4, 57.8-58.1 = *ssw*
time [IE = English 'now' with semantic shift?]	**n[ô]**	*nw*  Wb 2, 219.1-15
time period (fixed)	**n[è]ræ**	*nry [nrỉ]*  Wb 2, 279.11-13
time spend; pass time; watch (over someone) [IE = English 'watch']	**w[ô]rsh /** **w[o]sh *w{ô}rsh?**	*wrš*  Wb 1, 335.10-18 = *wrš wš* (Demotic)
time, hour	**n[o]we**	*nwe*
times, occasions, instances; cases; affairs	**z[o]p**	*zp*  Wb 3, 436.2-438.12 = *sp* (Demotic)
tin [IE? = French 'Etain']	**tr[a]n**	*trn*
tip [rather than] head	**djAdjA / dj[o]dj**	*ḏ3ḏ3*  Wb 5, 530.5-531.20 = *ḏ3ḏ3 ḏd* (Demotic)

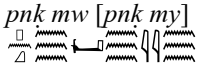
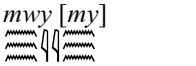
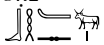
tissue; clothing; blanket	**H[*è*]bs[ô] /** H[*è*]bs{o}?	*ḥbs* Wb 3, 66.13-15 = *ḥbsyy.t* [*ḥbs{ꜣy*] (Neo Eg.)
tissue; clothing; blanket	**Hb[ô]s**	*ḥbs* Wb 3, 65.18-66.12 = *ḥbs* (Demotic)
to (dative)	**n[a]**	*n* Wb 2, 193.3-193.19
to be light	**æsï / æs{o}?** **æs[é]**	*ꜥisy*[*y*]*ꜥ* [*isii*]] Wb 1, 128 = *ꜣsꜥ* (Demotic)
to lick [IE = English 'lick', French 'lécher'?]	**l[ô]kH**	*lkḥ*
to, at, towards, until; more than, in order, so that, until	**ar[o]** **ær[ô] /**	*r* Wb 2, 386.6-388.7 = *ir* =*r* (Demotic)
to, for (prep.)	**n{[ô]w}**	*n* Wb 2, 193.3-194.7 = *n* (Demotic)
to, for, at (dative);	**n[a]**	*n* = Wb 3, 193.3- 194.1
today	**m[*è*]-pA-h[ô]r**	*m pꜣ ḥrw* [*m pꜣ ḥr.w*] = *pꜣ ḥrw* Wb 2, 499.11
tomb	**b[é]**	*b.t*
Tomb	**HA**	*hꜣ* [*ḥꜣ.t*] Wb 3, 12.19-21
tomb; grave [French: 'fosse']	**sh[i]k[*è*] [‘k’ accentuated]**	*šk*
tomorrow	**r[a]st[*è*] / r[a]stï**	*rst rsty*
tomorrow; in the morning [IE = Italian: '**do**mani' or English: '**to**morro**w**?]	**d[o]wA /**	*dwꜣw* [*dwꜣ.w*] Wb 5, 422.1-3

	t[o]wA	= *tw3w* [*tw3.w*] (Demotic)
tongue moving (in mouth) [chew?]; move	**t[a]bt[*è*]b /** **d[a]bd[*è*]b?**	*tbtb* Wb 5, 262.14 = *dbdb* Wb 5, 442.5-15
tongue; language [IE = Latin 'lingua" / 'langue']	**n[a]s / n[è]s**	*ns* Wb 2, 320.8-17
tools, equipment, accessories	**sdb[a]H**	*s-dbḥ-w* [*sdbḥ.w*=  Wb 4, 369.9-13 = *sdbḥ* (Demotic)
tooth (of lion) [; canine?] [IE = French: 'canine']	**kh[a]nr / kh[a]l**	*ḫnr* Wb 3, 298.7 = *ḫl* 'canine' (Demotic)
tooth; tusks (of elephant)	**æbH[*è*] / AbH** ['H' accentuated]	*ibḥ* Wb 1, 64.2-4 = *3bḥ* (Demotic)
total, totality, entirety	**dm[*è*]dj ['m' accentuated]**	*dmḏ* Wb 5, 460.5-10
touch [IE = English 'touch']	**dj[ô]Hï /** **dj[o]H**	*ḏḥy* Wb 5, 389.4 = *ḏḥ* (Demotic)
touch, feel (the arms of a beloved)	**g[ô]mg[*è*]m /** **k[ô]mk[*è*]m**	*gmgm* Wb 5, 172.12 = *kmkm* (Demotic)
touch; unite, cleave, join [IE = English 'touch'?]	**d[ō]mæ/** **t[o]m[*è*] ['m' accentuated]**	*dmi* Wb 5, 453.6-455.3 = *tm*
tower of fortress [= Hebrew 'migdol' 'tower']	m*ɑ*ktï[o]r	*mktr* [*mᶜktir*]  Wb 2, 164.2-3
tower of guard, watch tower; guard	**wrshï ['sh' accentuated]**	*wrš.t* [*wršy.t*]  Wb 1, 336.15
town, village, city	**n{[ô]w}**	*nw.t* Wb 2, 210.6-212.4
town; quarter of a town; landing place; village, place; wharf, quay, harbour? [IE = Latin '**do**mus', English '**do**m**ai**n']	**d[*è*]mæ /** **d[*è*]mï /** **dm{è} ['d' accentuated]**	*dmi* = *dmy* = *dm{iw}* Wb 5, 455.5-456.7

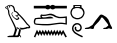
trader, merchant, shopkeeper [IE = French: 'échoppier'?]	**[*e*]sh{*ō*}tï /** **[*e*]sh{*ō*}tï /** **[*e*]sh{*ō*}t**	*šwy.ty* [*šwyty*] Wb 4, 434.5-6 = *šwty swt* (Demotic)
trample (to, proper and figurative); mistreat	**hAb[i]**	*ḥ3b* Wb 2, 485.12-486.6
trample [French: 'fouler'], tread; enter	**d[ô]gs** = **? dgAsA /** **dgAs{è}** [there seems to be two different forms of this verb]	*dgs* = *dg3s3?* = *dg3s{iw}* Wb 5, 501.1-10
trample, fall over, walk over (a path)	**p[ô]tpt / p[o]tp[*è*]t**	*ptpt*  Wb 1, 563.9-16
trance (be in); extasy oneself = *ḫyt* 'trance' (n.), but also 'anger; malediction' (Demotic)	**kh{Au}t**	*ḫ{3w}t*  Wb 3, 226.9-10
transformation	**Ħ[*è*]r[*è*]b ['Ħ' and 'r' accentuated]**	*ḫrb* Wb 3, 396.8 = *ḫpr.w* Wb 3, 265.20-266.17 [TLA]
trap	**p[a]khA**	*ph3* Wb 1, 543.15
trap; lace	**H[a]gï / H[a]djï**	*ḥgy ḥky*
travel [lit. cause to make a circulation]; go, drive [IE = English 'scout'?]	**sq[o]dï**	*s-ḳdi* [*sḳdi*]  Wb 4, 308.7-309.8
tree	**p[ô]q[*è*]r ['q' accentuated]**	*pḳr* Wb 1, 561.9
tree [IE = French: 'chêne'?]	**sh[é]n ['sh' long].** **Plur. sh[é]{n[ô]w}[*è*]**	*šnw* [*šn*] Wb 4, 498.6-499.4 = *šn* (Demotic) Plur.: *šnw* 'trees'
tree garden, oarchard [IE = French: 'chênaie'? = oaks' forest]	**shnï / shn[é]**	*šnwyy.t* [*šn.w.y*]  Wb 4, 499.6 = *šn šn.t* (Demotic)
trouble? (meaning unknown)	**kht[ô]r**	*ḫtr*  Wb 3, 353.11

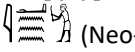
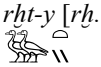
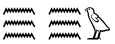
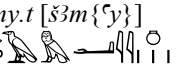
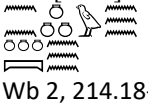
truly, really (lit. 'in part/state of truth')	**m[*è*]-m{Ã}** **[*e*]ma-m{Ã}**	*mᶜ- mɜᶜ.t [mᶜ- m{ɜᶜ}.t]*  No Wb?
truth; what is right	m{Ã}?	*mɜᶜ.t [m{ɜᶜ}.t]*  Wb 2, 18-20.9
turn, put upside down (to)	**p[ô]n*a* / p[ô]n[*è*] / p[o]n[a]**	*pnᶜ* Wb 1, 508.11-509.9 = *pnᶜ, pn*
turtle	**sh[é]t**	*štw [st.w]* Wb 4, 557.1-5
tweezer [lit. the taker?]	**[*e*]tchA**	*ṯɜ.t* = Meeks, AL 77.4887 (TLA)
twins [lit. 'tied ones']	**H[a]tr[*è*] ['r' accentuated]**	*ḥtr* Wb 3, 199.7 = *ḥ̣tr* (Demotic)
twist, rotate (twist)	**shAshA**	*šɜšɜ* Wb 4, 413.12
two	**s{n[ô]w} /** **sn[ô]**	*sn-wy [snw]* = *sn.t* Wb 4, 148.6
Tybi (lit. 'the offering', the fifth month of the year)	**tA *a*b[è]** **['b' accentuated]**	*tɜ ᶜb.t* 
ugly	**gA** / *gA[ï?]	*gɜ*
under	**Ḥ[a]r**	*ḫr* Wb 3, 386.1-388
undress	**b[ô]sh / b[è]sh**	*bš*
undress [bare]; naked (to be)	**Ḥ{o}** / **Ḥ{Au}/** [*e*]HAw?	*ḫᶜy [ḫ{ɜy}]* TLA DZA 26.487.640 Wb 3, 13.13-18 = *ḥ{ɜw}* = *ḫ{ɜww}* (Late Period)

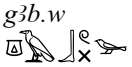
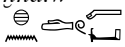
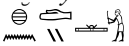
unguent [sweetener? Lit. 'causer to be sweet'], oil, ointment [IE = French '**ong**uent']	**s[ô]g[*è*]n /** **s[ô]gAn ['g' accentuated + 'n' long by duplication] /** **s[o]g[*è*]n /** **s[o]k[*è*]n /** **z[o]k[*è*]n /** **s[o]gn**	*s-gnn* [*sgnn*]  = *sg3nn* (Dyn. XX) Wb 4, 322.17-323.3 = *sgn* (Ptol.) = *skn* (Ptol.) = *zkn* (Ptol.) = *sgn* (Demotic)
unite, re-unite, join, assemble re-assemble	**d[ô]mdj**	*dmḏ* Wb 5, 457.4-459.25
untie	**t[ô]lg**	*tlg*
untie, slacken, loosen (to)	**n[ô]tf**	*ntf* Wb 2, 356.9-10 = Wb 2, 263.3 = *ntf* (Demotic)
until [IE = English: 'until']	**sh{Ã} /** **sh{*â*}m** and/or **sh{*â*}-m-t[{ô}w]** **sh*a*m**	*š3ʿ* [*š{3ʿ}*] Wb 4, 408 – 409 & TLA DZA 29.946.300 = *šʿ3m tw* [*š{ʿ3}.m tw*] TLA DZA 29.946.380 = *šʿm* = *š3 tw* (Demotic)
unveil	**g[ô]rp / q[ô]rp / k[ô]rp / g[ô]lp**	*grp ḳrp krp glp*
upon [lit. 'sur la figure']	**H[i]r-Hr[a]**	*ḥr ḥr* Wb 3, 129.7-11
Upper Egypt (V. states: 'the 'narrow' land as opposed to the width of the Delta')	Shm*a*	*šmʿw* [*šmʿ.w*] Wb 4, 472.8-475.18 (Demotic)
urinate	**wz[i]sh / wsh** [accentuation by duplication, in this case possibly to elongate 'sh' to emulate the sound of urination]	*wzš*  = *wšš* (NK) Wb 1, 357.16-20

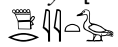
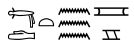
urinate [lit. 'empty urine']	**p[ô]nq mï**	*pnḳ mw* [*pnḳ my*]  No Wb?
urine (n.); humidity, saliva; body fluids [IE? = French 'hu**mi**dité, mouiller']	**mï**	*mwy* [*my*]  Wb 2, 53.2-3 = *mȝ* (Demotic)
uterus, womb [formerly 'vulva' but corrected by TLA]	**æt[*è*] /** **ætæ /** **At[*è*] /** **æd[*è*] ['t' and 'd' accentuated]**	*ỉt* Wb 1, 142.21 = *ỉti* = *ȝt* (Demotic) Wb 3, 76.1-3 = *ỉd.t* Wb 3, 76.1-3
vacillate	**r[ô]faï / r[ô]f[*è*]**	*rfʿy*
vagabond; beggar; nomad [; stranger, foreigner?]	**shmA /** **sh[*è*]mA ['m' long]**	*šmȝ* Wb 4, 470.7-11 = *šmȝ* 'foreigner' (Demotic)
valley of desert, desert valley	æ[ô]n[*è*]?	*ỉn.t* Wb 1, 93.2-14
vase of some kind	**m[o]k[*è*] ['k' accentuated]**	*mk* No Wb?
veal; heifer	**b[a]hz[*è*]**	*bḥz*  Wb 1, 469.4-10
vegetable indet.	**khïtchAnA**	*ḥtn* [*ḥytnȝ*] Wb 3, 354.7
vegetables; herbs (lit. 'greens'; IE = English '**veg**etable'?]	**wAdjt[*è*] ['t' accentuated]**	*wȝḏ.t* [*wȝḏt.w*] Wb 1, 266.13
vengeance	**kbA**	*ḳbȝ*
vertebra [lit. 'elevation'?]	**tch[i]z[*è*]**	*ṯz* Wb 5, 400.2-7
very [lit. 'in a lot']	m[*è*]-*a*shA	*m-ʿšȝ* No Wb?
vessel (of the body), vein, tendril, cord; muscle	**m[ô]t / m[o]t**	*mt* Wb 2, 167.9-14 = *mt* [(Demotic)]
vessel, great plate	**q[{oo}]ndjw**	*ḳnḏw*

vine; grape, grape seed [IE = Armenian խաղողի որթ 'khaghor']	**{ä}r[ô]r[è]** {ä}r[a]r[è]? **['r' accentuated] /** **Al[o]lï or Al[a]lï?**	*i3rr.t* [*{i3}rr.t*] Faulkner, 9 = *3lly* (Demotic)
vinegar; inferior quality wine	**H[è]{mè}djA ['H' accentuated]**	*ḥmḏ* [*ḥmḏ3*] Wb 3, 99.13
viper with horn, Horned Viper	**f[a]ï**	*fy*
virgin	**r[ô]wnï / r[o]n**	*rwny rn.t*
voice; noise	**Ħr{[ô]w} /** **khr{[ô]w}**	*ḫrw* Wb 3, 324.7-325.11 = *ḫrw* (Demotic)
volatile of some kind [French: 'sort of volaille] [IE = French: 'volaille'	H[a?]r{è}	*ḥry*-w [*ḥr{iw}*] Wb 3, 146.14
vomit	**q{Ã} /** **qAA [long 'A' by duplication - equals *3ꜥ*]**	*ḳ3ꜥ* [*ḳ{3ꜥ}*] = *ḳ33* Wb 5, 7.5-16
vomit	**qæs /** **qAs**	*ḳis* = *ḳ3s* Wb 5, 17.6
vomit [lit. 'dig [out]']	**s[a]dj / sAd**	*sḏ* = *sḏ* Wb 4, 373.8-375.7
vulture	**n[oo]r[è] /** n[ô]r[*è*]? **/ n[oo]ræ /** **n[oo]r{è}**	*nr.t* = *nrỉ* = *nr{iw}* [*nr{iw}*] Wb 2, 277.1-3
Wadjo, Snake Goddess of Lower Egypt	**WAdj[ô] /** **WAdj[oo]**	*W3ḏ.t* = *W3ḏ-yy.t* [*W3ḏy.t*] Wb 1, 268.17
wake up (the morning)	**kh[ô]rp**	*ḫrp* Wb 3, 328.1 = *ḫrp* (Demotic)

wake up; to be woken up	**n[è]hsæ /** **n[è]hs[è]**	*nhzy* [*nḥzi*] = *nḥs* Wb 2, 287.3-9 = *nhs* (Demotic)
walk freely, stride unhindered	**w[ô]stch[è]n /** **w[ô]st[è]n /** **w[ô]sd[è]n ['tch', 't' or 'd' accentuated]**	*wstn* = *wstn* = *wsdn*  Wb 1, 367.9-368.4
wall [; rampart]	**dj[ô]ræ**	*ḏry* [*ḏri*] Wb 5, 600.2-6
wall fortified; fortification [lit. thick [building, wall, etc..]	**wm[o]t**	*wmt.t* Wb 1, 307.6-7
wall, rampart [see also	**s[o]btï /** **s[o]b{tè} /** **s[o]bt**	*sbt-y* [*sbty*] = *sbti* Wb 4, 95.10-96.4 = *sbt* (Demotic)
wane, pass (TLA); loose oneself; destroy (V.)	**Ak[ô] /** **AqA /** **æq**	*ȝk* = *ȝḳ* = *ik̇* Wb 1, 21.14
warm up, become hot	**shm[ô]m /** **khm[ô]m**	*šmm* Wb 4, 468.1-17 = *ḫmm* (Ptol.)
warm up, hot (be or become)	**shm[ô]m /** **khm[ô]m /** **sHm[ô]m**	*šmm* = *ḫmm* Wb 4, 468.1-17 = *sḥmm* Wb 4, 292.19

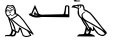
warrior	***a*H{[ô]w}tï /** **H{[ô]w}tï**	*ꜥḥ3-w.t [ꜥḥ{3w}ty]* Wb 1, 217.8-218.2 = *hw.t.y [hwty]* 'male' [semantic shift]
wash	**{õ}**	*iꜥy [{iꜥ}]* = N.K. (XVIII) = *iꜥ [{iꜥ}]*  (Neo-E.) Wb 1, 39.2-17
wash [clothes]	**r[ô]kh[è] ['kh' accentuated]**	*rḫt [rḫ.t]* Wb 2, 448.8
washerman (French: 'blanchisseur')	**r[a]khtï**	*rḫt-y [rḫ.t.y]*  Wb 2, 448.9-11
watch [; examine]	**Hï[ô]ï**	*ḥyy* Wb 3, 14-9-15.3
watch over; wake up	**r[ô]s**	*rs* Wb 2, 449.8-451.12 = *rs* (Demotic)
water	**m[ô]w /**	*mw*  = *mꜥ.w* Wb 2, 50.7-53.1
water (dirty of the launderer)	**shAm{õ}**	*š3my.t [š3m{ꜥy}]*  TLA Dokument DZA 29.948.630 = Wb 4, 411.5 (Demotic)
water (primordial) = primordial waters	**N[ô]n /** **N[oo]n**	*nnw [nn.w]*  Wb 2, 214.18-215.4 = *nwn* (Demotic)
water [float] (a boat [in the sense of putting it afloat])	**gA**	*g3w [g3]* Wb 5, 149.7

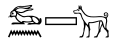
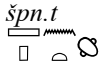
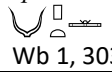
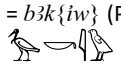
water spread of the nome of Arabia	**æ[ô]nï**	*in.t* [*iny.t*] Wb 1, 93.15
water spread with waves (Delta?) [; agitated water area?]	g[ô]sm	*gsm* Wb 5, 206.12 = *gsm* 'tempest' (Demotic)
water, source	**snAïn** sn{o}n?	*sn3yn.t*
wave	**h{o}[e]{n[ô]w}** **['n' accentuated]**	*hynw* [*h{3y}n.w*] = *h3n* [*h{3[y]}n* (Neo Eg.) Wb 2, 481.10-12
we [nous] - Our (French: notre)	**æn[o]n**	*inn* Wb 1, 97.5-6 = *inn* (Demotic)
we [nous] - Our (notre) (suffix - pron. 2nd plural)	[a]n[o?]	*n* Wb 2, 194
weak (be); miserable (weak)	**gAb [**g[ô]b / g[o]b?]	*g3b.w*  = *gby* [*gb*] Wb 5, 161.8-162.5 = *gb* (Demotic)
weak (person); wretch one	H[a?]zï	*hzy* Wb 3, 399.20-21
weave; plait, twine, entwine	**sh[ô]nd / sh[ô]ndï**	*ḫnd.w*  = *ḫndy*  Cerný, CED 246 (TLA)
weave [lit. 'X' thread]	skht n[a]dj / sꞪt n[è]dj	*sḫt nḍ* Wb 2, 376.19
weave; erect (a hut in woven branches); form, build; form (bricks)	**s[ô]kh[è] ['kh' accentuated]**	*sḫt* [*sḫ.t*] Wb 4, 263.6-16
weaver (French: 'tisserand') [IE = Latin 'sartor' 'tailor']	**s[a]kht / s[a]khtï**	*sḫt-y* [*sḫty*] Wb 4, 264.2
weep, cry [IE = Latin: '[lac]rima'?]	**r[i]m[è] / r[i]mï / r[i]m[è] ['m' accentuated by duplication]**	*rmy* = *rmy* = *rmm* Wb 2, 416-417.10

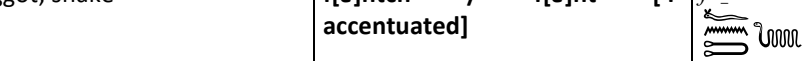
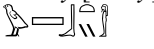
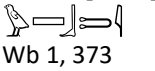
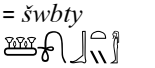
weight (of a charge) [also as 'price' or 'value'?]	**sh{Au}**	*š{ȝw}* Wb 4. 404.12 = *šw* 'value; worthy, apt, useful' (Demotic)
weight of 9.1 gr. = double drachm or stater	**q[i]d[è]**	*ḳd.t* Wb 5, 79.15-80.3
wailing woman, crying woman (burial) [link with the screech of the *dr.t* (falcon type of bird, above)?]	**djræ / djrï**	*dri.t* = *dry.t* [XVIII]  Wb 5, 596.9-597.4
well	**sh[ô]d[è] ['d' accentuated] / sh[ô]tï**	*šd.t*  Wb 4, 567.1-2 = *st(y).t* (Demotic)
West (Amenta)	**Æmnt[è] ['t' accentuated]**	*Ỉmn.t.t* [*Ỉmnt.t*] Wb 1, 87.1-13
west; western	**æmntï / æmnt**	*ỉmn.t.y* [*imnty*] Wb 1, 86.15-19
what?	**yA-ækh?** [yAkh if contracted?]	*yȝ iḫ* Wb 1, 25.9
what? [lit. 'thing?' as abstract concept, hence the det. of book]	**ækh?**	*iḫ* Wb 1, 123.12 - 124. 1 = *iḫ* (Demotic)
wheat	**n[a]præ /** **n[a]pï /** **næpæ /** **{n[ô]}pæ**	*npry* [*npri*] Wb 2, 249.4-5 = *npy* (Neo E.) = *npy* (Ptol.) = *nipi* [aesthetic distribution] = *npi*
wheat	**zw[o]**	*zw.t* Wb 3, 426.12-17
wheat (compared to beaten enemies) (threshed or beaten wheat?)	w[a]gA	*wgȝ* Wb 1, 376.9
whence [French 'lorsque'], when; after; since	**m[è]-dj[è]r[è] ['r' accentuated]**	*m ḏr* [*m-ḏr*] Wb 5, 593.15-17

where? From where?	**tch[ô]n? /** **tch[ô]næ /** **t[ô]n?**	*ṯn* = *ṯni* Wb 5, 373.1-14 = *tn* (Demotic)
whisper, to	**qsqs /** q[a]sq[è]s	*ḳsḳs*
whisper,to	**qrmrm**	*ḳrmrm*
whistle	**sh[*e*]msh*aka***	*šmšᶜkᶜ*
who, which, the one who, the one which

willow	**Tch[ô]r[*è*] / t[o]r[*è*]**	*ṯr.t* Wb 5, 385.13-386.3 = *tr.t* (Demotic)
wind - hot [and dry], hot dry wind [IE = French: 'chaud'?]	sh[a]hb	*šhb* Wb 4, 529.9
wind (fresh)	**qb{*ō*} /** **qb[ô]b /** **qb[ô]H /** **qb{[ô]w}**	*ḳbwy* [*ḳb{wy}*] = *ḳbb* = *ḳbḥ* (Pyr) = *ḳbḥ.w* Wb 5, 24.13-14
wind from North = Northern Wind. Surviving in Arabic as *maHwa.t*	**mH[é] /** **mHï /** **mH[é]**	*mḥw* [*mḥw.t*] = *mḥyy.t* [*mḥw*] Wb 2, 125.6-8 = *mḥ.t* (Demotic)
wind, breath, air	**tch{Au}**	*ṯꜥw* [*ṯ{ȝw}*] = Wb 5, 350.12-352.29
wind, fresh; [ventilated?]	**qb{*ō*}**	*ḳbwy* [*ḳb{wy}*]
window	**s[ô]shd /** **s[ô]sht**	*sšd* Wb 4. 301.14-302.5 = *šst* (Demotic)
wine	**ærp**	*irp* Faulkner, 28 & Wb 1, 115.5-8 = *ỉrp* (Demotic)
wing	**dj[é]nH**	*ḏnḥ* Wb 5, 577.6-578.7 = *tnḥ* (Demotic)
wing [; arm?]	**djn[a]H /** **djnAH /** **dn[a]H /**	*ḏnḥ* = *ḏnȝḥ* Wb 5, 577.6-578.7 = *ḏnḥ* [*ḏnḥ.w*] = *tnḥ.w* (Ptol.)

	tn[a]H	 = *ḏnḥ* 'arm' (Demotic)
wink, blink	**tch[ô]r[è]m** tch[ô]rm[è]?	*trm* Wb 5, 387.12-15
winnow	**khAkhA /** **khïkhï /** **sh[ô]sh or more probably sh[o]sh**	*ḫ3ḫ3* = *ḫyḫy* Wb 3, 233.17 = *šš* (Demotic)
winter [lit. the [month] of coming out / germinating = second season of the year]	**pr[ô]** / pr{Au}?	*pr.t* Wb 1, 530.7-8 = *pry.t* [*pr{3w}.t*]
wipe; annihilate; tear apart	**f[ō]d[*è*] /** **f[o]t[*è*]ï ['d' or 't' accentuated]**	*fḏ* Wb 1, 581.16 = *fty* (Demotic)
wish, want; find, seek [IE = English: 'wish']	**w[ô]khA /** **w[o]khA / w[o]kh[*è*]**	*wḫ3* Wb 1, 353.14-354.7 = *wḫ3 wḥ* (Demotic)
with, at (adv.; French: 'chez'); from; in possession of [lit. 'in giving?]	**m[*è*]d{o} /** **m[*é*]d{o} /** **m[*é*]dA /** **m[*é*]t{ô}**	*mdy* [*md[3]y.t*] = *md3y* [*md{3y}*] DZA 24.462.450 = *md3* [*md3y?*]  Wb 2, 176.14-177.19 = *mty mtw* (Demotic)
without [lit. something like 'with emptiness towards']	**m[*è*]w[è]sh r[ô] /** **nw[è]sh[è]n ['sh' accentuated]**	*m wš r* Wb 1, 368.13-14 = *n wš n* (Demotic)
without, which has not; which is not, one of which is not; who not, which not [negative element]	**{è}{t*é*} /** **{è}tï /** **Atï /** **{ä}tï**	*{iw}.t.y* [*{iw}tỉ*] = *{iw}ty* = *3ty* = *i3ty* [*{i3}ty*] Wb 1, 46.1-5

witnesses [and not 'witness' sing. as in WB]	**m[è]tr[è]** **Plur. m[è]tr{[ô]w[è]}**	*mtrw* [*mtr.w*] Plural: Wb 2, 172.5-10
woe, alas! (French: 'malheur') [IE = Armenian վայ! 'vaï'?' 'misfortune!' & English 'woe'!]	**w[o]ï!**	*wy* Wb 1, 272.11
wolf [IE = English 'wolf'?]	w[o?]nsh*a*	*wnšˁ*
wolf; jackal-wolf [IE = English 'wolf']	**w[ô]nsh /** **w[ô]nsht[è] [with probable accentuation to indicate feminine]**	*wnš*  Wb 1, 324.16-18 = *wnšt* 'she-wolf fem. Wb 1, 325.3
wolf-dog	w[ô]nsh{è}	*wnši* [*wnš{iw}*] Wb 1, 325.1
woman	**Zæt**	*z.t* [*zt*] Wb 3, 406.13-407.8
woman of good quality (adj.) [lit. 'excellent [one] from]	**shp[o]n**	*špn.t*  Wb 4, 444.16
woman, female [; wife] [IE = Related to Greek υμένας 'ymenas'; French 'hymen' vaginal membrane'?]	**H[i]m[è] ['m' accentuated]**	*ḥm.t* Wb 3, 76.16-77.19 = *ḫm.t* (Demotic)
wood [piece]; stick; tree	**kh[è] ['è' accentuated]**	*ḫ.t* Wb 3, 339.10-341.11 = *ḫ.t* (Demotic)
wool	**s*a*r{tè} / s*a*rt**	*sˁrt* [*sˁrti*] Wb 4, 49.2 = *sˁrt* (Demotic)
wool [IE = English 'wool']	**W*a*rt**	*Wˁrt*
word; written sayings; thing; also formator of abstract concepts; matter	**m[è]d ['m' accentuated]**	*md.t* Wb 2, 181.7-182.2
work; affair; task; message	[*e*?]w[o]p[*è*]	*wpw.t*  Wb 1, 303.8-304.5
work; tax; salary?	**bAk[*è*] / bAk{è} ['k' accentuated]**	*bꜣk* = *bꜣk{iw}* (Ptol.)  Wb 427, 16-429.5
worm	**H*a*l*a*m*a*t*a***	*hˁlˁmˁtˁ*

worm; maggot; snake	**f[è]ntch / f[è]nt ['f' accentuated]**	*fnṯ*  = *fnt* Wb 1, 577.5-
worry; fear	**l[é]h / l[è]h**	*lh*
worship, venerate, adore [IE = English 'worship']; address, greet; question	**w[ô]shd /** **w[ô]sht**	*wšd* Wb 1, 375.7-15 = *wšt* (Demotic)
woshebti, ushabti, shabti [lit. '[the one] of answering / responsible / in charge]	w[ô]sh[è]btï / w[ô]sh[è]btchæ / sh{[o]w}[è]btï / shAbtï	*wšb.t.y* [*wšbty*]  = *wšbtỉ* [*wšbṯỉ*]  Wb 1, 373 = *šwbty*  = *š3bty* Wb 4, 435.15-16
wound	**Shaka**	*šꜥkꜥ*
wreath	**mAH**	*mȝḥ* Wb 2, 31.1-5
wrecked (of boat or sailor)	**b[i]gA**	*bgȝw* [*bgȝ.w?*] Wb 1, 482.12-14 = *bki* (Demotic)
wrecked (of boat or sailor)	**b[è]ki**	*bki* = *bgȝw* Wb 1, 482
wring out, twist, re-twist (laundry or clothes) (French: 'retordre'); press (grapes)	**{õ}f[è] ['f' accentuated] /** **{ā}f**	*ỉrf* [*{iꜥ}f*] = *ꜥf* [*{ꜥ}f*] Wb 1, 41.3-4
write	**z[ô]shA /** **s[ô]h /** **z[ô]hA**	*zš3* Wb 3, 475.6-476.15 = *sḫ* (Demotic) = *zḫ3* [according to TLA]
writing, document, record, depiction	**zkhA**	*zḫ3* [*zḫ3.w*] = *zs* Wb 3, 476.16-479.9 = *zs* (Demotic)

wrongdoing; revolt [IE = 'bagarre' French?]	**bAgAs /** **bAgAsï**	*bꜣgꜣs* = *bgs* [*bꜣgꜣsy*] Wb 1, 483.4-5
year	HA-zp	*ḥꜣ.t zp* Wb 3, 26.6-13 = *ḥꜣ.t sp* (Demotic) According to TLA = *rnp.t-zp* Wb 2, 429; 3, 26.6-13;
year	**r[o]np[*è*] ['p' accentuated]**	*rnp.t* Wb 2, 429-432.5
year past, last year	**sn[ô]f /** **snm[ô]f /** **s{n[ô]w}f /** **sn[oo]f /**	*snf* = *snmf* = *snw*[*f*] (N.E) Wb 4, 162.12-14 = *snf* (Demotic)
yellow [IE = English 'yellow'?]	qr[o]s/ql{[o]w]s	*ḳr*[*w*]*s/ḳlws*
yes	T{{ô}w}?	*tjw* [*tiw*] Wb 5, 242.1-7
yes (German: 'doch') [IE = 'ya' German / 'aio' Armenian?]	**æyA /** **yA**	*iyꜣ* [*iiyꜣ*] =
yes [lit. = Latin: hoc illud]. Pron. neutr. 3rd sing. [IE = French 'si']	s[*è*] ['s' accentuated]	*s.t* No Wb?
yesterday	**s[a]f**	*sf* Wb 4, 113.2-16 = *sf* (Demotic)
you (f.sing)	[*è*]mt{[o]w}t	*mtwt*
you (first, plur.)	t{[ô]w}n or t{[ô]w-[a]n} ? ['t' accentuated]	*tw-n* No Wb?
you (m.sing)	[*è*]mt{[o]w}k	*mtwk*
you (plural)	[*è*]mt{[o]w}t*e*n	*mtwtn*
you (pron. 2nd plur.)	**[*e*]nt[ô]tch[*è*]n / [*e*]nt[ô]t[*è*]n / [*e*]mtot[*è*]n**	*nttn* = *nttn* Wb 2, 357.8 = *mtw-tn* (Demotic)

you (pron. 2nd. pers. sing. fem.)	**[*e*]nt[o]t /** **[*e*]nt[o]tch /** **[*e*]mt[o]t, [*e*]mt[o] /**	*ntt* = *nt̲t* [Ptol.] Wb 2, 357.7 = *mtwt mtw?* (Demotic)
you [French: 'tu', 'toi'] (pron. 2nd sing.masc.)	**[*e*]nt[o]k**	*ntk* Wb 2, 357.2-3
you; your (plur.)	**t{[ô]w}-tch[è]n**	*tw-t̲n* [*twt̲n*] Wb 5, 247.2-3
your (art. poss.) (French 'tes')	**n{o}**	*n{ỉy}* = *n{ỉy}* (Demotic)
yourself (in *tw=t̲* 'you yourself' = French 'ta personne', a prefix of accentuation)	**t{[ô]w}**	*tw* [*t.w*] No Wb?

PART III: DICTIONARY CLASSIFIED ACCORDING TO V/C/T RATIO

Important note: The dictionary is classified per V/C/T (column A), then second by vocalisation (column B) so as to unite terms with similar vocalisations and third by column C. The columns of transliteration and hieroglyphs as well as with shifts and other data have been removed so as to reduce page number. Please refer to the Part I and Part II dictionaries for these.

V/C/T [37]	**Vocalisation**	English translation
0;1;1	**[*e*]f**	he [French: 'il']
0;1;1	**[*e*]s**	she [IE = Armenian 's' of 'gouze**s**' 'you want'; Spanish 's; of 'quere**s**' 'you want' (suffix. pronoun)]
0;1;1	**{*â*}**	big (v. and adj.)
0;1;1	**{*â*}**	grow
0;1;1	**{è} [close to æ].** An ancestral 'èw' form may have existed	be [= 'is; auxiliary form but not verb]
0;1;1	*a*	pair (of)
0;1;1	***a***	region, lit. 'arm' [IE = English '**a**rm'?]
0;1;1	***a* / *a*ï**	house
0;1;1	***a*** [*a*t?]	room [of house, of temple]; part of ; department; dwelling
0;1;1	**æ / {è}**	come [IE = 'eir' Latin]; return
0;1;1	**h[*è*] ['h' accentuated]**	house [French: 'demeure' rather than 'maison'; V's 'grande maison' is closer] [IE = English 'house'; German: 'haus']
0;1;1	**kh[*è*] ['è' accentuated]**	wood [piece]; stick; tree
0;1;1	**m[*è*] ['m' accentuated]**	in (prep.); as
0;1;1	**m[*è*] ['m' accentuated]**	take!
0;1;1	**n[*è*]** [n[{ô}w?]	these one
0;1;1	**p[*è*] [‹p› accentuated] / pæ**	this one (demons.)
0;1;1	**p[*è*] ['p' accentuated]**	heaven(s) / sky
0;1;1	**p[*è*] ['p' accentuated]**	it is! Here it is! (French: 'voici'). As in *n.t-pw* 'it is the case that (math)' (Wb 2, 351.1-2)
0;1;1	**s[*è*] ['s' accentuated]**	seat [IE? = English 'seat']; throne; place; residence
0;1;1	s[*è*] ['s' accentuated]	yes [lit. = Latin: hoc illud]. Pron. neutr. 3rd sing. [IE = French 'si']
0;1;1	**sh[*é*] / shï ['sh' accentuated]**	pond; lake; basin, garden (with pool)
0;1;1	**t[*è*]**	this one (French 'celle-ci')
0;1;1	**z[è] / zæ**	Man
0;1;1	**z[*è*] / s[*è*] ['s' accentuated]**	They, them (Prefix Pron. fem. and masc. = French: 'ils', 'elles') [IE = English '**the**y']
0;2;2	**[*e*]n{té} / [*e*]nt[*é*] ['t' accentuated] / [*e*]ntï fem: [*e*]nt[*é*]t[*e*]nA / [*e*]ntA / nt[a]**	who, which, the one who, the one which, those who, the ones which
0;2;2	**[*e*]sh{o} / æsh{o} / æs[o]**	sow [IE = English: 'sow']
0;2;2	**[*e*]tch{o} / [*e*]tch{Au} / [*e*]tch{o}ætch{o}**	take; pluck resin; remove; seize, don [IE = English 'take'?]
0;2;2	**[*e*]tchA**	tweezer [lit. the taker?]
0;2;2	{ä}	Island
0;2;2	{ä} / {ä}t?	back, vertebral column
0;2;2	**{ä}b[*è*] ['b' accentuated]**	stink, bad smell (of a roten body)
0;2;2	**{*â*}d / *a*d / *a*dj / *a*t**	edge land (near desert); irrigated land (near river) [IE = 'edge' English?]
0;2;2	**{ä}d[*è*] / Atï**	suffer; to make suffer; miserable (to be); torture
0;2;2	**{ä}d[*è*] ['d' accentuated]**	net [IE = 'net' English?]
0;2;2	**{ā}m / {*â*}m**	**A**am (unidentified plant producing seeds used for medicinal purposes)

[37] V = Number of invisible vowel(s); C = Number of visible consonants or semi-vowels/semi-consonants; T = Total number of phonemes in term.

0;2;2	**{*â*}m[*è*] ['m' accentuated]**	shepherds (Egypt's Asian neighbours)
0;2;2	**{*â*}n**	superintendent, chief [of soldiers], great [person of]
0;2;2	**{Ã}n / *a*nr / *a*n*a* / {ā}n [long 'a'] / {õ}n**	baboon [IE = English bab**oon**?]
0;2;2	**{ä}q[*è*] / {è}q[*è*]**	leek (*Allium porrum* L.) [IE = English: 'l**eek**'?]
0;2;2	**{ä}s**	Hathor priest or similar function [lit. 'bold [one]']
0;2;2	**{ä}s / æs**	bold (to be)
0;2;2	**{ä}sh / *a*sh**	call [IE = English: 'shout'?]
0;2;2	**{è}{[ô]w} / {ä}{[ô]w}**	age-old, old age [IE = English '**a**ge']
0;2;2	**{è}r / [e]ï{è}r**	conceive (child), be conceived; be pregnant
0;2;2	**{õ}f[*è*] ['f' accentuated] / {ā}f**	wring out, twist, re-twist (laundry or clothes) (French: 'retordre'); press (grapes)
0;2;2	**{õ}H**	moon [IE = English: 'm**oo**n']
0;2;2	**{õ}r[*è*] / *a*r[*è*] / *a*l[*è*] ['r' or 'l' accentuated]**	board, go up
0;2;2	**{o}r{*ō*}**	rag; shred
0;2;2	***a*b**	Horn
0;2;2	***a*b**	lettuce
0;2;2	**Ab / Ab[é?]**	Elephantine [IE = English '**el**ephant'?]
0;2;2	**Ab / yAb**	nail; claw; hoof [see also *ʿfd/i3ft*]
0;2;2	***a*d / *a*t**	grease, fat (pieces of)
0;2;2	**æ-{o}**	give; bring; come
0;2;2	**æb**	heart [IE = English 'h**eart**'?]
0;2;2	**æb[*è*] / Abï / æbï ['b' accentuated]**	thirsty (to be)
0;2;2	**æf / {è}f**	flesh; meat [IE = '**fle**sh' English]
0;2;2	**æh[*è*] ['h' accentuated]** plur: *æh{[ô]w} / *æh{[ô]{oo}}	ox; cattle
0;2;2	**ækh?**	what? [lit. 'thing?' as abstract concept, hence the det. of book]
0;2;2	**æn[*è*] ['n' accentuated by duplication?]**	if [IE = English unless?]
0;2;2	**æn[*è*] ['n' accentuated]**	bring; get; reach; buy
0;2;2	**Æp**	count (to)
0;2;2	æp? / æp[è?]	count
0;2;2	**Æp[*è*] ['p' accentuated]**	Luxor temple
0;2;2	**æs**	old (to be)
0;2;2	**æs / *a*s**	Thus (in the sense of French: 'voici' in affirmative sentences) [IE? = Armenian այսպես 'aisbès', French: 'ainsi']
0;2;2	**æsh / [è]sh{o}**	sow [IE = English 'sow']
0;2;2	**æt[*è*] / ætæ / At[*è*] / æd[*è*] ['t' and 'd' accentuated]**	uterus, womb [formerly 'vulva' but corrected by TLA]
0;2;2	***a*f ['f' accentuated by duplication]**	fly [IE = English: 'fly'?]
0;2;2	**AH[*è*] / æH[*è*] ['H' accentuated] / [*e*]HA**	field
0;2;2	***a*kh**	brasero (for fumigations)
0;2;2	***a*kh**	burning dish, brasero (for fumigation)
0;2;2	**Akh**	magnificent; excellent; useful (to be)
0;2;2	**Akh**	spirit, soul, divine essence; glorified spirit; demon; spirit (as being) [IE = French: **êtr**e? (as person)]
0;2;2	***a*kh[*è*] / *a*khï ['kh' accentuated]**	lift (to.); lift (oneself, to;
0;2;2	***A*n**	again; one more time, already [IE = English 'anew, again'(?]
0;2;2	***A*n**	region, side; part of; administrative area
0;2;2	*a*n ['n' accentuated through duplication] / *a*n[ô]n?	return, turn back (to)
0;2;2	***a*n[*è*] ['n' accentuated]**	thumb; claw; talon; herminette?
0;2;2	***a*p[*è*] [accentuated *p*]**	head [IE = 'apex' English]
0;2;2	***A*q**	bread; provisions [; substance]; revenue
0;2;2	***a*q / {ä}q**	enter, usher (someone)
0;2;2	***A*r**	reed, marsh rush
0;2;2	***a*r / {o}r / {*â*}n**	pebble (TLA); stone (little); fruit stone [IE? = քար 'kar'

		Armenian]
0;2;2	***a*rt ['t' seemingly pronounced because of variant below / *a*rtï**	lotus stem
0;2;2	**As**	rush, make rush, hurry (to) [IE = English 'r**us**h'?]
0;2;2	***a*s / is**	Thus (in the sense of French: 'voici' in affirmative sentences) [IE? = Armenian 'aisbès'; English 'thus'?]
0;2;2	**As[*è*]** and As[i]? / **{È}s[è]** and {È}s[i]?	**Isis**
0;2;2	***a*sh / *a*shæ**	moan, groan
0;2;2	**At**	strength; striking power (Gardiner)
0;2;2	**b[*e*]n**	not [negative form of imp.]
0;2;2	**b[*è*]n{è}**	date tree wine, date tree juice
0;2;2	b[*è*]s ['b' accentuated?]	panther skin
0;2;2	**b{ä} / bæ / bA / b[é]**	metal; ore [in general]; copper
0;2;2	**bA**	ram [IE? = French '**b**élier'?]
0;2;2	**bA / b{ä}** / b[o?]	bush [French 'buisson'; IE = German 'baum', English ''bush']
0;2;2	**d[{o}] / t[{o}]**	there [French = 'là-bas']; here
0;2;2	**dA / dwA**	netherworld, Douat
0;2;2	**dæ d{è}**	five
0;2;2	**dj{o}**	bump
0;2;2	**dj{o}**	disobey; unfortunate event (n.)
0;2;2	**dj{o}** / dj[o]i?	boat [lit '[the] crossing [one] from 'cross' (v.)]
0;2;2	Dj*a*	desert (be)? mourn?
0;2;2	**Dj*a***	tempest]; violent wind, squall; fart [lit. to '[make some] wind'
0;2;2	**dj{Au} / dj{o} [accentuation on 'dj' by reduplication]**	pot [; cup?]
0;2;2	**djl[*é*] ['l' accentuated]**	scorpion
0;2;2	**djr[*è*] / djræ / djrï ['r' accentuated]**	falcon or kyte type of bird
0;2;2	**f[*è*]s**	cook
0;2;2	**f{o}**	canal
0;2;2	**g[*è*]r / æg[*è*]r ['g' accentuated]**	but; also; moreover;
0;2;2	**g[*è*]r[*é*] ['r' accentuated]**	birds [as coll. term]
0;2;2	**gA** / *gA[ï?]	ugly
0;2;2	**h[*è*]b[*è*] / hAb[*è*]['b' accentuated]**	plough
0;2;2	H{o}H{*ō*}	inundation, flood
0;2;2	h{o}	shine (of the sun)
0;2;2	**Ħ{o}** / **Ħ{Au}/** [*e*]HAw?	undress [bare]; naked (to be)
0;2;2	**HA**	head back, back part of head, occiput= 'behind'
0;2;2	**HA**	tomb
0;2;2	**HA / H[a]**	mine (of gold, copper, etc..), quarry; mining region
0;2;2	**H*a* [long '*a*'] / æH*a***	flesh; meat; body
0;2;2	**h{Au} / h{o}**	epoch; time period; time
0;2;2	H{Au}? / **H{o}**	drudgery, corvee, burden, work
0;2;2	**hæ / h{o}**	husband
0;2;2	**Ħr[*è*] ['r' accentuated]**	need; food
0;2;2	**ï! [pronounced 'ey!]**	Hey! (interjection)
0;2;2	**kA**	bull; cow? [IE = English 'cow'?]
0;2;2	**kh[*è*]ï**	sunlight
0;2;2	**kh[*è*]m[*è*] ['m' accentuated by duplication]**	hot
0;2;2	**kh{Ã}**	catapult; ballista
0;2;2	**kh{Ã} / kh{*â*}**	throw; deposit, leave, abandon; dispatch
0;2;2	**kh{o} / Kh{o}kha**	measure; weigh
0;2;2	**khA**	Path
0;2;2	**khA**	thousand (represents the rhizome, stem and leaf of the lotus)
0;2;2	**Kh*a***	thread bowl? (French: pelote?); conditioning or measure for

		thread
0;2;2	**kh{*õ*}**	rise; appear in glory; shining (to be), show; feast (n.) [lit. 'raise' of the divinity; IE = English '**rai**se'?]
0;2;2	Khï	how?
0;2;2	**k{o}**	another, other (masc.)
0;2;2	**L*a***	envy, jealousy, calumny
0;2;2	**m[*è*]d ['m' accentuated]**	word; written sayings; thing; also formator of abstract concepts; matter
0;2;2	m[*è*]r[*è*]? [odd construction for a verb]	love; desire, wish [IE? = Latin 'amare']
0;2;2	**m{o} / m{Au}**	Lion [NB. Onomatopoeia of a bellowing lion]
0;2;2	**mæ**	if (in conditional sentences, pref.) [IE = French: 'mais [si] + condition'?]
0;2;2	**mï**	urine (n.); humidity, saliva; body fluids [IE? = French 'hu**mi**dité, mouiller']
0;2;2	**n[*è*]n ['n' accentuated]**	not (negation)
0;2;2	**N[*è*]t / N[*è*]r ['n' accentuated]**	Neith
0;2;2	n{o}	my (plural of posses. adj. 1st. sing. masc.; = French 'nos') [lit. 'those [of] mine']
0;2;2	n{o} or n{o}w[é]?	their (poss. art. 3rd plural)
0;2;2	**n{o}**	your (art. poss.) (French 'tes')
0;2;2	**n*a* / n{*õ*}**	go, navigate
0;2;2	**n*a* / n{*ā*}**	merciful, have pity
0;2;2	**nA / nAn**	that, this (demonstr. adj. with the subtlety of French 'ceci', German 'dieses'), by extension 'the' [French 'les']
0;2;2	**næ / nï / n[*e*] / n**{oo} / næ, na / **n{[ô]w}**	of (gen. prep.)
0;2;2	**p[*è*]ï / p[*è*]**	sky
0;2;2	**p[*è*]r [‹p› accentuated]**	seed
0;2;2	**p{o}**	this one (poss. adj.)
0;2;2	**p{*ō*}**	flea [IE = French 'puce' or 'pou']
0;2;2	**p{o} + suffix**	[possessive article followed by pronominal suffixes]
0;2;2	**pA**	fly; take off
0;2;2	**P*a***	men; people humankind; patricians
0;2;2	**pA**	the (demonst. adj.)
0;2;2	**pr[*è*] / prï / hr[*è*] / br[*è*] ['r' accentuated]**	fruit; grain; product; posterity [offsprings]
0;2;2	**q{o} / kA / kAA (accentuation of 'A' by duplication)**	ground (elevated), high hill [linked to Arabic 'kôm'?]
0;2;2	qA	high; tall; loud (to be)
0;2;2	**qæ /** q{o}? / **qA / gï**	form [in 'to a single form = together, or in 'in one form,]; manner; intention
0;2;2	**rA**	part [ex: fraction]
0;2;2	**R*a***	sun
0;2;2	**Rï**	room [IE: English 'room'?]
0;2;2	**sA**	Back
0;2;2	**sA / sAï** [s{o}?] / **sA [long 'A' by duplication?]**	sated (to be); sate (to) [French 'se rassasier]
0;2;2	**sh[*è*]n / sh[*è*] ['sh' accentuated]**	hundred [IE = Latin '**cen**tum']
0;2;2	**sh[ô]n / sh[ô]n[*è*] ['n' accentuated by duplication] / sh[*è*]n**	ask; interrogate
0;2;2	**sh{Ã} / sa**	begin; beginning (n.)
0;2;2	**sh{Ã} / sh{*â*}m** and/or **sh{*â*}-m-t[{ô}w] / sh*a*m**	until [IE = English: 'until']
0;2;2	**sh{Au}**	weight (of a charge) [also as 'price' or 'value'?]
0;2;2	**sh{o} / æsh [metathesis]**	pig
0;2;2	**Sh*a***	shat (silver unit, in gold or not) (lit. a 'cut' according to V. explaining the presence of a knife as det.)
0;2;2	**shd[*è*] ['d' accentuated]**	hatching [; nest?]; nestlings [French = 'oisillons']
0;2;2	**shn[*è*] ['n' accentuated]**	net

0;2;2	**sï [pronounced 'sey'] / sæ**	she [IE? = English 'she'? (prefix. pronoun)
0;2;2	**t[è]m**	don't [IE = English 'don't' or Armenian 'dem' 'against'?]
0;2;2	**t[ô]f**	spit (to) [similar to the popular Armenian interjection of disgust and/or spit '*toof*']
0;2;2	**tA**	land, earth, ground
0;2;2	**tA / dA / {tè}**	the (fem. = French: 'la'); these (fem.)
0;2;2	**tæ / tï**	sign, figure, form, image
0;2;2	**tm / t[*è*]m ['t' accentuated]**	not, does not [negation of verb, French 'ne']
0;2;2	**w*a***	one [French: 'un' or 'une']; sole
0;2;2	**wA**	path, road, side [IE? = Latin 'via', French 'voie', English '**wa**y']
0;2;2	**z{Au} / s{Au}**	Sais
0;2;2	**zA / sA**	son
0;2;2?	**ær**	[Auxiliary for past = the one/he who has done this = past prefix]
0;2;2?	t[ô]fï? / t[a?]f	take by force, remove forcefully; repulse (to)
0;3;3	**[È]kAsh / KAshæ / [È]kAz /**	Kush
0;3;3	[*e*]nbA[i] / ænb[*è*?] / [*e*]nbæ	pole, carrying pole
0;3;3	[*e*]nbæ	reed [as tool]
0;3;3	[e]sh{*ō*}?	bran [of wheat] [IE = French: 'son'?]
0;3;3	**{*â*}b[*è*] ['b' accentuated]**	offering
0;3;3	**{ä}fd / *a*fd**	nail [, claw]; peg [see also *ʒb/yʒb*]
0;3;3	**{è}{t*é*} / {è}tï / Atï / {ä}tï**	without, which has not; which is not, one of which is not; who not, which not [negative element]
0;3;3	**{è}w{o}**	gage
0;3;3	**{è}{*ō*}**	irrigate; pour
0;3;3	**{m*è*}djA**	fruit measure [used for dates, etc..]
0;3;3	**{m*è*}rt**	beard; chin [IE? = Armenian 'մորուք' 'morouq'?]
0;3;3	**{m*è*}sh*a***	march; walk; travel [IE = French 'marcher'?]
0;3;3	**{o}qï**	reed
0;3;3	***a*{m*è*}dj**	avert (oneself from; French 'se dètourner')
0;3;3	**Abkh**	burn [IE= English 'burn']
0;3;3	**Abkh**	Forget
0;3;3	***a*dj[*è*]r / *a*dj[é]r? ['dj' accentuated]**	hard (make), make hard
0;3;3	***a*djA**	guilty (to be);
0;3;3	***a*djA**	injustice [IE? = English 'injustice']; falsehood; guilt
0;3;3	***a*djA / *a*dj{o}**	guilty man; criminal; wrongdoer
0;3;3	**æb[é]**	thirsty (to be)
0;3;3	**æbH[è] / AbH** ['H' accentuated]	tooth; tusks (of elephant)
0;3;3	**æbn / Abn**	alum? (a mineral substance) [most likely this substance] [IE? French 'alun', with b=l shift?]; vitriolic salts (TLA)
0;3;3	**ædr[*è*] ['r' accentuated]**	plaster (French: 'pansement'); seam (surgical)
0;3;3	**æfd[*è*] ['d' accentuated]**	four (of a kind) [not to be confused with the numeral 'four']
0;3;3	**ækh / [*e*]kh [schwa] / Akh**	thing; [by extension:] possessions; products; dishes; affairs; offerings; rituals; feasts
0;3;3	**Æmn**	right, right hand side
0;3;3	**ænH**	circle a wall (of its rays); surround (enemies), enclose; border
0;3;3	**ænH / *a*nH**	eyebrows [lit. what encircles? *inḥ*]
0;3;3	**ænr / æn / ænïPlur.: ænrï{[ô]w[*è*]}**	stone
0;3;3	**æpA**	red pigment or dye (*Rubia*/Madder (TLA)?)
0;3;3	**æpn / {è}pn / {è}p{n[ô]}w[*è*] [Plur]**	these, this (emphatic as in French 'ce (jour)-çi'.)
0;3;3	Æqm	sadness
0;3;3	**Ærï**	belonging to; pertaining to (prep.)
0;3;3	**ærï/ ær[*è*] ['r' accentuated] / ær**	do, make ; many derivative verbs
0;3;3	**ærp**	wine

0;3;3	**æsï/ Asï**	loss (in weight); shortage; unfavorable difference
0;3;3	**æsk /ask**	hesitate [also: late?]; linger; wait; hold back
0;3;3	**ætchA / *a*dj**	thief
0;3;3	**ætH / Ath**	pull, tow
0;3;3	**ætkh / *a*tkh / *a*tchkh**	sieve [; brew?]
0;3;3	**Ætn**	soil, earth, ground; dust, dirt
0;3;3	**æyA / yA**	yes (German: 'doch') [IE = 'ya' German / 'aio' Armenian?]
0;3;3	**æzr / æsr**	tamarisk (*Tamarix* sp.)
0;3;3	**afï / afï n[a?] [è]bi[ô]**	bee [IE = 'abeille' French] = honeybee [lit. bee of honey. IE = French: 'abeille']
0;3;3	**Agb** ['gb' accentuated by reduplication?]	shiver [onomatopoeia similar as French 'glagla'?], shudder
0;3;3	***a*H*a***	heap, pile (of wheat, offerings; treasures, etc...); quantity (maths)
0;3;3	***a*H*a***	lifetime
0;3;3	***a*H*a***	lifetime
0;3;3	***a*H*a***	stand; get ready; do (something)
0;3;3	**AꞪr**	marsh, [swamp]
0;3;3	***a*k[*è*]k[*è*] [‘k’ accentuated]**	bread of some sort [IE = English 'cake' as already pointed out by V.]
0;3;3	***a*kh[*è*]m ['kh' accentuated]**	leaves (or small branches), twigs
0;3;3	**Akhï**	reed thicket
0;3;3	***a*khï / aꞪi**	lift, suspend, raise up
0;3;3	***A*khm**	extinguish (a fire), extinct; quench
0;3;3	**Akhr**	swamp, [marsh]
0;3;3	***a*m*a* / *a*m[*è*]**	mud; muddy ground
0;3;3	***a*mAm / *a*m[*è*]**	know
0;3;3	**Amï**	soul; character [IE? = French 'âme']
0;3;3	**Amm[*è*] / Am[*è*] ['m' accentuated by duplication?] /Am[*è*]**	grasp, grip [fist hit?]
0;3;3	***a*n*a* / *a*n*a*n**	baboon
0;3;3	***A*nkh**	life
0;3;3	***A*nkh**	live, alive (be)
0;3;3	***a*nq ['n' accentuated in (Demotic)]**	flaw (coming of the flood)
0;3;3	**Apd / Apt / æpd / æpt**	duck; goose; bird; [IE = Armenian: bad; Spanish: 'pato']
0;3;3	**Aqï**	sesame (*Sesamum ?indicum* L.)
0;3;3	**Arb[*è*]**	hedge, closing
0;3;3	***a*rf / *a*rb**	pack
0;3;3	***A*rq**	swear; conjure
0;3;3	***a*rq / ærq**	bend [arc] [IE = English: **arc**, **arc**h]
0;3;3	***a*shA**	lizard
0;3;3	***a*shA / *a*sh[*è*]**	multitude, the many (people); person
0;3;3	**Ashr**	roast
0;3;3	**At{o}t?/ Ad / Atch**	care (take, of someone), rear
0;3;3	**Atchp ['tch' probably accentuated] / Atp**	load
0;3;3	**Azkh / æskh /Askh**	reap (harvest), harvest [lit.'(to) sickle']
0;3;3	**Azkh / æskh**	sickle [IE = English: 'sickle']
0;3;3	**b[*è*]næ [‘b’ accentuated]**	sweet, sugary (to be, – also adj.)
0;3;3	**b[*è*]nï [‘b’ accentuated]**	date tree - palm tree
0;3;3	**b[*è*]nï/ b[è]nræ ['n' accentuated?]bn[i] or bn[e]**	date [fruit]
0;3;3	**b{o}r Plur. b{o}r{[è]oo}**	boat [IE = English: '**boat’,** French**:** '**bar**ge']
0;3;3	**b{*õ*}/ b{o} / b{*õ*}**	palm tree steep or rod
0;3;3	**bæk / bik**	falcon
0;3;3	**bAH**	penis, phallus
0;3;3	**bAk**	servant
0;3;3	**bAs[*è*] ['s' accentuated]**	bucket for well = bucket well (in leather)

0;3;3	**Bïr**	basket
0;3;3	**Brï**	new; young
0;3;3	**d[*è*]mæ / d[*è*]mï / dm{è} ['d' accentuated]**	town; quarter of a town; landing place; village, place; wharf, quay, harbour? [IE = Latin '**do**m**u**s', English '**do**m**ai**n']
0;3;3	**dgm[*è*] ['d' accentuated] / dgAm[*è*]**	castor oil plant (*Ricinus communis* L.)
0;3;3	**dj*a*b [very likely ' dj*a*b[*è*] with 'b' accentuated]**	coal
0;3;3	**djAf [perhaps also *dj[ô]f] /** dj[o?]f]	burn up
0;3;3	**djAm / dj[a]m**	generation; youth; progeniture [IE = English 'generation'?]
0;3;3	**dj*a*n[*è*] / dj*a*nï ['n' accentuated]**	Tanis
0;3;3	Dj*a*r	search, seek, investigate; to take thought of [IE = English '**sear**ch']
0;3;3	**djAr[*è*] ['r' accentuated]**	pods of a tree (caroub tree pods?)
0;3;3	**Djb*a***	ten thousand
0;3;3	**DjbA / Tb[a]**	Edfu
0;3;3	**djbA / d[*è*]bA ['dj' accentuated] / t[*è*]bA**	reward, replace
0;3;3	**djb*a* [accentuation on 'b']**	seal, signet
0;3;3	**djræ / djrï**	wailing woman, crying woman (burial) [link with the screech of the *dr.t* (falcon type of bird, above)?]
0;3;3	**dk[*è*]r / tgi ['k' or 'g' accentuated]**	fruit
0;3;3	**dm[*è*]dj ['m' accentuated]**	total, totality, entirety
0;3;3	**f[*è*]ntch / f[*è*]nt ['f' accentuated]**	worm; maggot; snake
0;3;3	**f[ô]t[*è*] ['f' accentuated]**	disgust (v. to have)
0;3;3	**f{o}**	carry; lift; bring; take away
0;3;3	**g[a]l[*è*] ['l' accentuated]**	paralysed
0;3;3	**gAb [**g[ô]b / g[o]b?]	weak (be); miserable (weak)
0;3;3	**gAdj{*ō*} / qAdjA / g[a]dj / gïdj / kïdj**	hand
0;3;3	**Gæf**	guenon; female macaque
0;3;3	**gAH / qAH**	shoulder
0;3;3	gAp[*é*] [Alternative form *g[ô]p[*è*]?]	grab? (verb used in an obscure context) [IE = English 'grab']
0;3;3	**gAsh / gAshæ /g[a]sh /k[a]sh**	Kans grass
0;3;3	**gb{Ã} / g{o}b** [metathesis]**/ g[a]b**	arm
0;3;3	**gwï**	small [boy]; young; little (of something) [IE = English 'boy'?]
0;3;3	**H[a]k{o} / H[a]k{Au}**	magician
0;3;3	**Ħ[*è*]pA** / **Ħlpï**	navel, belly button, (French: 'nombril')
0;3;3	**Ħ[*è*]r[*è*]b ['Ħ' and 'r' accentuated]**	transformation
0;3;3	**hAb**	send
0;3;3	**hAï[*è*]**h{o}?**h[a]ï[*è*] ['è' accentuated]**	fall; descend
0;3;3	**Hap**	hide [IE = English 'hide']
0;3;3	**H*a*q**	leather worker (French: 'cordonnier'; lit. the one who sews]
0;3;3	**Ħ*a*q[*è*] ['q' accentuated] / sh*a*q[*è*]**	shave
0;3;3	**HAt** [HA?]	forepart, front part; beginning; the best
0;3;3	**H*a*w**	limbs; himself [lit. his limbs' = **ϱωογ=ϥ**]
0;3;3	**Hb[*è*]s ['b' accentuated] / H[é]b[*è*]s**	lid
0;3;3	**Hf{Au}**	snake
0;3;3	**Hmï ['m' accentuated] / H[*è*]mï ['H' accentuated]**	govern; drive [; steer, pilot] (from 'rudder' (French: 'gouvernail') [IE = English 'helm'?]
0;3;3	**Hnq[*è*] / Hq[*è*] ['q' accentuated]**	beer, Egyptian beer
0;3;3	Hræ/ Hrï	superior
0;3;3	**ï{*a*m} [pronounced 'ey*a*m']/** ï{[ô]w}{mæ}?	sea
0;3;3	**kAb[*è*]**	breast
0;3;3	**kAm Plur. kAm{[*é*]{oo}}**	garden; vineyard; field (IE = English 'garden'?]
0;3;3	**kAm[*è*] / kAmï**	gardener (who prepares wine and oil) [; winemaker]
0;3;3	**kAp**	hide; take cover (to)
0;3;3	**kAp / g[a]p**	feet soles [French 'plantes des pieds']
0;3;3	**kAp[*è*]**	canopy, vault of sky (); cave;

0;3;3	**kAs**	bone [IE = French: 'os']
0;3;3	**kbA**	vengeance
0;3;3	kfA	rear part of plant indeterminate = ? trunk
0;3;3	**Kh{Au}[*è*] ['w' accentuated]/Kh{Au}ï/kh{o}[*è*] /kh[*ō*][*è*] /**kh[*ō*] }[*è*]?	altar, offering table, tray on pod, table on a single foot
0;3;3	**kh{o}b[*è*] / khAb{[ô]w}s**	shadow
0;3;3	**khAd[*è*] ['d' accentuated]**	pluck [feather?]
0;3;3	**khAr**	street
0;3;3	**kh*a*r[*è*] ['r' accentuated] / kh[a]r[*è*]**	leather [; skin?]
0;3;3	**Khï**	sky; roof; temple?
0;3;3	**Khïkh**	dust
0;3;3	**kmA / g[a]m**	bulls which are young, sacred and with a specific colour
0;3;3	**l[*è*]l[oo]l[i]l[oo] / r[*è*]r[[oo]**	girl
0;3;3	**lïb[*è*] / lbï**	excited, foolish (to be, [IE = 'libido' Latin?]
0;3;3	**m[*è*]d{o} / m[*é*]d{o} / m[*é*]dA / m[*é*]t{ô}**	with, at (adv.; French: 'chez'); from; in possession of [lit. 'in giving?]
0;3;3	m[*è*]s{t*é*} / m[*è*]st[*è*]	basket for fruits, herbs or fishes. See *msd.t.*
0;3;3	**m[*è*]tr[*è*] Plur. m[*è*]tr{[ô]w[*è*]}**	witnesses [and not 'witness' sing. as in WB]
0;3;3	**m{Ã}**	place, location
0;3;3	m{Ã}?	truth; what is right
0;3;3	**m{Au}[*è*], m{o}[*è*]**	island; new land
0;3;3	**m{Au}[i]**	sunlight, rays, beams
0;3;3	**mAH**	wreath
0;3;3	**mAH / mAkh / m*a*khA / m*a*kh{o} /m[o]kh**	burn up
0;3;3	**mAk[*è*] ['k' accentuated]**	ladder
0;3;3	**mAt / [*è*?]mAt**	parsil or celery? [*Petroselimum* or *Apium*?]
0;3;3	**n[*è*]hp[*è*] ['p' accentuated]**	mourn
0;3;3	**n[*è*]hsæ / n[*è*]hs[*è*]**	wake up; to be woken up
0;3;3	**nem**	dwarf [IE = French 'nain'?]
0;3;3	Nfï	darkness? [French 'ténèbres?]; fog?
0;3;3	**Nk*a***	pains of child giving
0;3;3	**nq*a***	sycamore fig's fruit which is notched
0;3;3	**P{o}[*è*]t**	Lybian of the Phaiates tribe
0;3;3	**p{*ō*}wr / p{*ō*}ïrï / p{*ō*}ïr{ä}**	Fava bean (French: 'feve' = *Vicia faba* L.). [IE = French 'fève']
0;3;3	**pAd**	knee
0;3;3	**pAd**	kneel
0;3;3	**pAq[*è*] ['q' accentuated]**	thin; fine
0;3;3	**pf[*è*]s / p[è]sï ['f' accentuated]**	cook
0;3;3	**q[*è*]f[*è*]n ['q' and 'f' accentuated]q[*è*]f[*è*]{n[ô]w[*è*]}**	pastry, bread [IE = Greek: 'Kataif'?]
0;3;3	q[*è*]f[*è*]nï **['q' and 'f' accentuated]**	baker
0;3;3	**q[*è*]nï ['n' perhaps long]**	fat (to be, to get)
0;3;3	**q{[ô]w}n{té} ['t' accentuated]**	fig
0;3;3	**q{Ã} / qAA [long 'A' by duplication - equals ʒᶜ]**	vomit
0;3;3	**qAb** = ? q[ô]b (to double ; to multiply)	fold, wind (to)
0;3;3	**qæs / qAs**	vomit
0;3;3	**Q{o}s** / **Q[ô]s**	Cusae [El *Ḳ*oussiyeh / Qoussiyeh (place of worship of Hathor) – *Ḳūs Ḳ*am until XIXth cent].
0;3;3	**q*a*H**	**co**rner [IE = French '**co**in'?]
0;3;3	**qAH**	earth, silt, clay for pottery [IE = English: '**cl**a**y**']
0;3;3	**q*a*H**	land, district, nome [IE = French: '**qu**a**r**tier' ?]
0;3;3	**qAr / qAn / q[a]r{è}**	lock (of door) [IE = French 'clef' (Coptic ⲕⲗⲉ)?]
0;3;3	**qlm[*è*] ['m' accentuated]**	band
0;3;3	**qn{è}**	sheave / sheaves

0;3;3	**qnæ / qn{è}**	embrace (v. and n.); 'giron" [IE = Armenian 'qnkel'?]
0;3;3	**r{*ō*}**	sun goddess
0;3;3	**Rïn**	fish
0;3;3	**s[*è*]b[*è*]n ['b' accentuated]**	bandage, wrappings (of mummy)
0;3;3	**s[*è*]Ht ['s' accentuated]**	leprosy; also: (v.): 'to be a leper'
0;3;3	**s[*è*]n{ā}**	grind finely; polish; make smooth
0;3;3	s[*e*]rf[*è*]	rest (to), make rest (to)
0;3;3	**Sæs**	six [IE = Spanish 'seis', English 'six', etc..]
0;3;3	**sAH**	drill [French: foret], awl, borer
0;3;3	**sAq**	pick up; pull together; be wary of
0;3;3	**sb{o} / sb{Au} / sbA**	teaching, education; punishment [semantic shift, i.e., 'education' in the strict sense]
0;3;3	**sbA / sb{o} / sb[a] / Plural: sb{Au}wï**	door, doorway, portal
0;3;3	**sdA** [[e]sdA?]/ **zdAdA** [[*e*]zdAdA?] **/ [e]sd[a]d[a] / æsd[a]d[a] /** æsdïdï or æsd{o}d{o}? ïsAdïdï?	shake, tremble, make temble [IE = English '**sh**ake'?]
0;3;3	**sh{Au}**	dignify (be); apt, worth, suitable
0;3;3	**shA{[ô]w}**	coriander (*Coriandrum sativum*)
0;3;3	**sh*a*d / sh*a*t / sh[a]t**	cut [lit. put in piece? = (Demotic): *šʿt* 'piece' (n.)]
0;3;3	shAd[é] / sh[a]tï	dig, cave
0;3;3	shAm	laundry (dirty), linen (soiled - TLA)
0;3;3	**shAr**	pack [bundle]
0;3;3	**ShAsh{[ô]w}=Sh{o}s**	bedouins [nomads; lit. 'those who range']
0;3;3	**sh*a*t[*è*] ['t' accentuated]**	piece [IE = German 'stück'?]
0;3;3	**shfA**	tale
0;3;3	**shfï / sf[è] ['f' accentuated]**	majestic; renown
0;3;3	**shlH / shl[è]H ['l' accentuated]**	branch; shoot
0;3;3	**shm*a***	thin; meagre (be)
0;3;3	Shm*a*	Upper Egypt (V. states: 'the 'narrow' land as opposed to the width of the Delta')
0;3;3	**shmA / sh[*è*]mA ['m' long]**	vagabond; beggar; nomad [; stranger, foreigner?]
0;3;3	**shn*a***	shop; warehouse, storehouse; work place
0;3;3	**shnï / sh[è]nï**	fibres, hair (of palm tree)
0;3;3	**shnï / shn[é]**	tree garden, oarchard [IE = French: 'chênaie'? = oaks' forest]
0;3;3	**shps[*è*] / shbs[*è*] ['s' accentuated]**	marvellous things or foods, costly offerings
0;3;3	**shtA**	scrub, copse [; bush]
0;3;3	**shtA**	secret, mysterious, hidden
0;3;3	skA	colt, foal (of donkey)
0;3;3	**slA**	coffin
0;3;3	**smA**	bless
0;3;3	**smæ / smï / sm{è} ['m' accentuated or elongated?]**	accuse; report; complaint
0;3;3	**sw[*è*]n /** sw[è]nt? / **sw[è]n ['w' accentuated or elongated?]**	price [traded]
0;3;3	**t[*è*]bt ['t' accentuated]**	fish
0;3;3	t{[ô]w}n or t{[ô]w-[a]n} ? ['t' accentuated]	you (first, plur.)
0;3;3	**t{Au}sh / t[o]sh**	frontier; nome; region
0;3;3	**t{o} / t{Au}**	this one (fem. = French: 'celle-ci')
0;3;3	**tAsh / tchAsh**	delimit (French: 'délimiter'), fix the limits; share; divide
0;3;3	**tch[*è*]n / t[*è*]n ['t' accentuated]**	every (+ substantive)
0;3;3	**tch[ô]b / tch{Au}b / dj[o]p**	recipient in 𓎛 shape
0;3;3	**tch{Au}[é]dj{Au}ï**	fly
0;3;3	**tchAz**	tie
0;3;3	tchHA	lame?

0;3;3	**tïk**	Spark
0;3;3	**tmA / tm[*è*]**	mat (made of reed or rush)
0;3;3	træ / tchr[*è*] / dr[*è*]	respect; venerate
0;3;3	**w[*e*]bA / w[*e*]ba [a schwa?]**	against; opposite
0;3;3	**w{o}[*é*]w{Au}ï /w{Au}[*é***	pass; come; [reach]
0;3;3	**w*a*{*tè*} / w*a*t[*è*]ï [‘t’ accentuated]**	alone; unique; isolated, separated
0;3;3	**W*a*b**	priest (lit. 'the pure')
0;3;3	W*a*b	purify
0;3;3	**WAdj[ô] / WAdj[oo]**	Wadjo, Snake Goddess of Lower Egypt
0;3;3	**wAH**	deposit, lay down, offer; put; let; sojourn, live; endure
0;3;3	**wAH**	finish [the latter by extension]; deposit, put;
0;3;3	**wAH**	stick?
0;3;3	**wkhA / wkh[*é*]**	night
0;3;3	**wrshï ['sh' accentuated]**	tower of guard, watch tower; guard
0;3;3	**Y*a*l**	mirror [IE? = Armenian 'ayeli']
0;3;3	**Zæt**	woman
0;3;3	**zAt / sAt**	daughter
0;3;3	**zbn / sbn**	fall (to make), slide; steer (a ship) of course;
0;3;3	**zkhA**	writing, document, record, depiction
0;3;3	**zkhA / z[a]sh? / z[a]kh**	scribe [lit. 'writer']
0;3;3	**zn[*è*]ï ['n' accentuated by duplication] /** zn[*è*]ï{è}?	jump
0;3;3?	**[*e*]b{ä} / [*e*]byA**	astonishment
0;3;3?	**qnH**	palace (designation of)
0;4;4	**{ä}bt[*è*]ï / {ä}bt / {äbt[*è*] ['t' accentuated]**	eastern; left [IE = English 'Eastern']
0;4;4	**{*â*}gAs**	belt
0;4;4	**{m*è*}h{Au}[*è*] / {mè}h{o}[*è*] /{mè}h{[ô]w}[*è*]**	family, kin
0;4;4	{m*è*}khïr	basket [or similar]. Related to 'Meshir'?
0;4;4	**{m*è*}khïr**	Mekhir /Meshir [6th Month of Calendar]
0;4;4	**{m*è*}rsh**	red (light or bright) [IE = French 'rouge']
0;4;4	**Æmnt[*è*] ['t' accentuated]**	West (Amenta)
0;4;4	**ænbA**	deaf, mute (to be)
0;4;4	**æpæp**	Month No. 3 of summer season
0;4;4	æs{[ô]w}ï	reward; salary; prize
0;4;4	**æ-wAH**	add, deposit
0;4;4	**Allï**	grape
0;4;4	***A*m*a*m**	devour (n.)
0;4;4	***A*m*a*m**	'musareigne'
0;4;4	***a*m*a*m / *a*mAm / amam /arar**	shrew, shrewmouse (from ʿ*m*ʿ*m* ‘devour’ as the shrew eats twice its weight daily).
0;4;4	**Amïs**	dill (*Anethum graveolens*)
0;4;4	**ArmA**	tear [IE = Latin: larma]
0;4;4	***a*rqï**	Last day of month
0;4;4	**AswA**	burse; testicular
0;4;4	**b{o}r[*è*] [*è*] accentuated]plural: b{o}r{[*è*]oo}**	river fish indeterminate (*Mugil cephalus*?)
0;4;4	**bAbA**	hole, cavity, cavern
0;4;4	**bAbA**	river drinking point; whirlpool?; inshore eddy? [IE = Latin 'bibere'?]
0;4;4	**bAbA / b[*è*]bï / b[*è*]lbïlA**	grain (a cereal)
0;4;4	**bAgAs / bAgAsï**	wrongdoing; revolt [IE = 'bagarre' French?]
0;4;4	**bAkA / b[*è*]kA**	pregnant woman
0;4;4	**bndjA**	plate in metal [IE? = Armenian 'bnag'?]
0;4;4	**brbr / b[*è*]rb[*è*]r [‘b’ accentuated]**	boil
0;4;4	**djAdjA / dj[o]dj**	tip [rather than] head
0;4;4	**djAm*a* / dj[ō]mA [metathesis]**	sheet of papyrus [, book?]; papyrus basket; payrus sandals

0;4;4	**Djïr**	salt
0;4;4	**gAfï / g[a]f**	monkey (of small size?); macaque [IE = Armenian ‘կապիկ’ 'kapig']
0;4;4	**gAsr / ks{[ô]w}r / gs{[ô]w}r**	ring
0;4;4	**gngn / g[*é*]ng[*é*]n / djndjn / dj[*é*]ndj[*é*]n**	lute (or similar) [the sound of the ropes, as in French onomatopoeia 'zingzing']
0;4;4	**H[*è*]{mè}djA [‘H’ accentuated]**	vinegar; inferior quality wine
0;4;4	**h[*è*]mh[*è*]m ['h' accentuated]**	scream, roar; scream, war cry (n); thunder (n)
0;4;4	H*a*p[*è*]r	Nile river branches [lit. the Hapys]
0;4;4	**HAp{tè}**	measure of six feet (French: 'brasse' = 1.62 m)
0;4;4	**HAtch[*è*]s**	recipient of some kind (in black or white *mnw* stone)
0;4;4	**HAtï ['t' accentuated]**	heart [IE = English 'heart']
0;4;4	**Hm{o}{tè} / Hmt{o} / HmAm{*ō*}{tè} / HmAm[{ô}w]{tè} /HmAm[o]{tè} / Hm[o]**	salt [connection with 'Hamamat' of Wadi Hamamat, i.e. 'the' salt wadi'?]
0;4;4	**Ht[*è*]tch[*è*]s ['t'and 'tch' accentuated]**	beetroot? [*Beta vulgaris*?] (red plant forbidden in Philae)
0;4;4	**kAkA / kïkï**	castor oil plant (*Ricinus communis* L.)
0;4;4	**kh[*è*]rw{*â*}**	big voice; boastfulness
0;4;4	**kh{o}{tè} / kh{o}t**	entrance, portico, portal
0;4;4	**khAkhA / khïkhï /sh[ô]sh or more probably sh[o]sh**	winnow
0;4;4	**khArtch / kh[*è*]l[o]t ['è' accentuated]**	canal? (water area of some kind)
0;4;4	**khb{o}r**	comrade? commercial relation
0;4;4	**khrnA**	or (German: oder)
0;4;4	**kmkm** = **k[*è*]mk[*è*]m ['k' accentuated]**	drum, timbale ['tarraboca of some kind made probably of leather in view of the det.]
0;4;4	**m{Ã}tï**	righteous, just man, virtuous; sincere (adj.)
0;4;4	**m{Au}ï**	new (to be or become)
0;4;4	**m*a*bA**	spear [javelin]
0;4;4	**mænA**	there, towards here (prep.)
0;4;4	m*a*H*a*	funerary chapel (for offering or stela), cenotaph
0;4;4	**m*a*khA / m[a]khA /m[a]khï**	balance
0;4;4	**matchn / matn / m[a]ït**	path, road; path (through life)
0;4;4	**msdï ['d' accentuated]**	hated (adj.)
0;4;4	**mshïkh**	revenge?
0;4;4	**Mt*a*t**	Bride
0;4;4	**n[*e*]næb[*è*] / n{o}b[*è*] / n{[ô]}n{[ô]}b[*è*] nAb[è] / n{o}b[*è*]**	styrax?; odoriferous resin; tree parts
0;4;4	**nænæ / nïnï**	salutation! Greeting (German: 'Gruss'; lit. 'cause to water')
0;4;4	**pæpæ / ppæ**	brick making, to make bricks
0;4;4	**q[oo]kï**	peel [lit. 'of the peeling']
0;4;4	**q{[ô]w}q**	Dom palm fruit / nut (*Hyphaene thebaica* L.)
0;4;4	**qAHA**	tame (horses)
0;4;4	**qAhd**	smoke (meat)
0;4;4	**q*a*Ht[*è*] ['t' accentuated]**	shoulder
0;4;4	**qAr{t[é]} / glt[*è*]**	stone of a precious nature, set in gold
0;4;4	**Qlps**	hit
0;4;4	**qmAm, qAm, kmA**	rush, reed (*Juncus maritimus* L.)
0;4;4	**qnHæ / qnHï**	chapel, naos
0;4;4	**qsqs /** q[a]sq[è]s	whisper, to
0;4;4	rw{ä}tï or rw{ä}t	other...other
0;4;4	**s*a*H*a* / saHa**	erect, put up [lit. 'cause to stand']; put up someone to stand at tribunal
0;4;4	**S*a*nkh**	live, make live
0;4;4	**s*a*r{tè} / s*a*rt**	wool
0;4;4	**sAsA**	attack (an enemy); assault (a town) [IE = English 'assault'?]; drive back, repel

0;4;4	**S*a*s*a***	lift; put over
0;4;4	sAshr[*è*]	bread (of some kind; lit. 'cause to cook' from 'cook')
0;4;4	**sg{Au}r**	fortress; keep
0;4;4	**shAsh{o}**	Throat [upper chest or bosom according to TLA]
0;4;4	**shA{*tè*}b ['t' accentuated]**	muzzle (French: 'museler'); lock (enemy in town)
0;4;4	**shaka**	wound
0;4;4	**shAm{*õ*}**	water (dirty of the launderer)
0;4;4	**shAshA**	twist, rotate (twist)
0;4;4	**tch{Au}**	wind, breath, air
0;4;4	Tchnï ?/ Tch[i]nï?	Thinis
0;4;4	**tltl / t[*è*]lt[*è*]l**	drop [French: 'goutte']
0;4;4	**wAdj / w[a]t**	green (be); prosper, flourish, cause to flourish
0;4;4	**wAdjt[*è*] ['t' accentuated]**	vegetables; herbs (lit. 'greens'; IE = English '**veg**etable'?]
0;4;4	**w*a*rt**	wool [IE = English 'wool']
0;5;5	**æm[*è*]sk{Au}**	fish (type of - 'brème' or 'muge')
0;5;5	**æmntï / æmnt**	west; western
0;5;5	***a*gAnA / *a*g[a]n**	support of circular jar
0;5;5	***a*gAr{*tè*} ['t' accentuated]**	chariot, car [IE 'cart' - English?]
0;5;5	***a*H{[ô]w}tï / H{[ô]w}tï**	warrior
0;5;5	**Andjïr**	soap = piece of salt
0;5;5	***a*psh{o} ['sh' accentuated]*a*psh[{o}w}**	scarab type of insect?
0;5;5	**bldj*a***	sherd, ostracon
0;5;5	**db{o}r**	sanctuary
0;5;5	**G[*è*]bt{o}**	Coptos (Qift) as in 'Min of Coptos'[38]
0;5;5	**HAm{*õ*}**	if only, 'I wish' (as a wish = Latin 'utinam')
0;5;5	**k[*è*]mk[*è*]mi**	melon [Etymology of *Cucumis*?]
0;5;5	**KAdja{*tè*} / GAdjat**	Gaza
0;5;5	**nh[*è*]mh[*è*]m** [only 'nh[*è*]m' because of accentuation by reduplication?]	roar [of the sky lions]
0;5;5	**plAge**	plague, wound [IE? = 'plague']
0;5;5	**qrmrm**	whisper,to
0;5;5	**qrmts / q[*è*]rm[*è*]t[*è*]s**	smoke
0;5;5	**snAïn** sn{o}n?	water, source
0;6;6	**{m*è*}khA{m*é*}kh{Au}**	flower of some kind = Purslane? = Common Purslane (*Portulaca oleracea* L.)
0;6;6	**b{*ō*}rkA**	shine, scintillate
0;6;6	**blbïlA**	grain
0;6;6	**gAnïshA**	constraint; outrage, violence
0;6;6	**gAwAnA** g{Au}AnA?	bag [of some kind, perhaps coloured and very probably imported], haversack
0;6;6	**k{o}rk{o}r**	stone pile [IE = Armenian 'քար' 'kar' 'stone]
0;6;6	**KAdjAdjA / GdjAdjA**	Kadjaja (occupation, private name or ethic group?)
0;6;6	**khïtchAnA**	megetable indet.
0;6;6	**m*a*kn*a*s**	magnesium
0;6;6	**{*ō*}rdj{Au}**	maintain; master
0;6;6	**qAdjAmA**	handful (of gum)
0;6;6	**sh[*e*]msh*a*k*a***	whistle
0;6;6	**sïrpA{*tè*}** s{o}rpAti? **/sAp[ô]t /** [*sArp[ô]t]	Lotus leaf
0;7;7	**{*â*}ïrshAnA / *a*rsh[a]n**	lentils
0;7;7	**{m*è*}shAdïdï / {m*é*}shAdï? Accentuation by duplication?**	comb
0;7;7	**b{o}rka{*tè*}**	lake [Arabic 'birket']
0;7;7	**K{o}rm*a*{*tè*}**	ashes
0;7;7	**K{o}rna{*tè*} / kArnatch[*è*]** or k{o}rnatch[*è*]?	foreskin, uncircumcised penis; phallus

[38]TLA DZA 30.639.470. See the note in the table listing digraphs for this term.

0;7;7	**sAl*a*pïn**	finger (little one)
0;8;8	**H*a*l*a*m*a*t*a***	worm
1.3.4	**[*e*]nt[ô]s / [*e*]ntch[ô]s**	she (pron. third sing. fem.)
1.3.4.	**Sw[a]n**	Aswan [Lit. 'The trade city? = *swn.t* 'trade']
1:2;3	**H[i]w[*è*] [odd verb formation if correct]** H[ô]w[*è*]? **/ Hï**	knock out; beat (wheat) [IE = English 'hit'?]
1;1;2	**[*è*]{*â*}**	donkey
1;1;2	**{[ô]w}** Later probably also {oo}	region; district
1;1;2	**{*â*}[o]**	linen (type of) [BOT] *Linum usitatissimum*; cloth
1;1;2	**{n[ô]} / n{[ô]w}An{[ô]w}**	see
1;1;2	**æ**	I, me, my, mine [IE = English 'I']
1;1;2	**b[é]**	tomb
1;1;2	**d[o] / d{o}**	give
1;1;2	**f{*â*}**	hair lock
1;1;2	**Ħ[*è*]**	body; belly; part of a building
1;1;2	**Ħ[é] / Ħ[é]t?**	body
1;1;2	**ï[o] [pronounced 'eyo']**	agree, consent [IE = Armenian այո [ayo] 'yes']
1;1;2	**m{[ô]w} /** m[ô]? **/** m[oo]t? [later period?]	mother; mother [-goddess]; ancestral mother [IE = English '**mo**ther']
1;1;2	**n[a]**	to (dative)
1;1;2	**n[i] / næ / nï (masc.)**n[i?]t? **(fem.){n[ô]w} (masc. plur.)**n[V?] **(fem. plur.)n{*ō*} (masc. dual)**n[V?]tï **(fem. dual)**	of (genitive)
1;1;2	**n[ô]**	time [IE = English 'now' with semantic shift?]
1;1;2	**n{[ô]w}**	town, village, city
1;1;2	**r[o]**	goose
1;1;2	**r[ô]**	mouth; door [; entrance]
1;1;2	**s[a]f**	yesterday
1;1;2	**s[ô]**	reed, rush (of Upper Egypt)
1;1;2	**t{[ô]w}**	yourself (in *tw=t̲* 'you yourself' = French 'ta personne', a prefix of accentuation)
1;1;2	**w[*e*]** [a schwa?]	they; them (French: 'ils' or 'eux')
1;1;2?	**n[a]**	to, for, at (dative);
1;2;3	**[a]m[*é*]r / [a]m[*è*]r{è} ['m' accentuated]**	hoe [IE? = French patois 'marre' = Latin 'marra' but also SEM Akkadian 'marru". Interestingly it is V: who makes the connection referring it as "ancient term"]
1;2;3	**[a]s{Au}**	protect, guard
1;2;3	**[a]zA**	Protection
1;2;3	[*e*?]w[o]p[*è*]	work; affair; task; message
1;2;3	**[*e*]bï[o] / æby[o]**	honey
1;2;3	**[è]m{oo} Plural. *èm{[ô]w[è]}**	cat (female; 'chatte' in French)
1;2;3	[ô]Hn[*è*]?	organize; equip; command; engage; protect
1;2;3	**{[ô]w} / a{[ô]w}**	large (be); long (be) [lit. 'great'?]
1;2;3	**{ä}[a]kh / æ[a]kh / A[a]kh**	light, sun light, sunshine, radiance (of sun)
1;2;3	**{ä}{[ô]w}/ {ä}[o] / æ{[ô]w} / {è}[o]wï / {Au}ï**	glory, glorification [lit.: 'greatness'?
1;2;3	**{è}{[ô]w}**	come, return
1;2;3	{è}{[ô]w}d[*è*]? / {è}{[o]t[*è*]? / {è}{[ô]w}t[*è*]?	separate (to), charged (to), between (to lie)
1;2;3	**{È}{n[ô]w}**	Heliopolis = 'On' [lit. '[The] sanctuary']
1;2;3	**{n[ô]}H**	rope
1;2;3	**{õ}**	wash
1;2;3	**Ab[è]**	obscurity
1;2;3	**æ[i][*è*]r / i[æ]r[è]**	eye [IE = 'eye' English]
1;2;3	**æ[ô]d[*è*] / {ä}[ô]d[*è*] / y[ô]d[*è*] / yAt[*è*] [accentuated 't']**	dew; divine dew; divine force; scent; rain (pouring)
1;2;3	æ[ô]n[*è*]?	valley of desert, desert valley
1;2;3	**æ[ô]t / i[ô]t**	barley (*Hordeum sativum*)

1;2;3	**æ[ô]t / i[ô]t / i[ô]t[*è*] ['t' accentuated, probably also for first two forms, hence: æ[ô]t[*è*] / i[ô]t[*è*]]**	father
1;2;3	**æ[ô]t[*è*]f ['f' may be silent or part of a respectful address æt[*è*]=f, like as in English 'His Majesty']**	father [IE = English 'father']
1;2;3	**æd / æ{t*è*} ['d' or 't' accentuated]**	child (male), youth
1;2;3	**æH[i]**	stable (of the king and of his soldiers)
1;2;3	**æ-m[ô]**	come! [Imp.]
1;2;3	**æp[*è*] / ipï**	oipe = measure for fruits (French: 'boisseau') [lit (a) count?]
1;2;3	**æt[ô]m / [a*?*]t[ô]m**	Atum
1;2;3	**Ak[ô] / AqA / æq**	wane, pass (TLA); loose oneself; destroy (V.)
1;2;3	***a*l[*è*]**	board, go up
1;2;3	***a*n[a]**	beautiful [etymology of 'Anna'? = חנה (“Hannah”) of Old Testament, meaning "grace, gracious? As well of Armenian 'Nane' = ⲛⲁⲛⲉ?]
1;2;3	Aq[ô]	perish, come to naught (to)
1;2;3	**ar[o]ær[ô] /**	to, at, towards, until; more than, in order, so that, until
1;2;3	**b[a]k[*è*] [‘k’ accentuated]**	city
1;2;3	**b[a]r /b[e]r ['b' accentuated]**	eye, eye ball[s?]
1;2;3	**b[é]{[ô]w}**	disgust, abomination; lie, sin; thirst [French ‘berk’]
1;2;3	**b[è]k / b[è]k / bik**	falcon
1;2;3	**b[*è*]l[é] / b[*è*]l[*è*] ['b' accentuated]**	blind [IE = English 'blind']
1;2;3	**b[é]sh / b[*è*]shA/ b[i]shA**	Fruits - unidentified found in offerings near wheat and dates
1;2;3	**b[ô]d[*è*] / b[ô]t[*è*]ï / b[ô]t[*è*]**	emmer (*Triticum dicoccum*) [IE 'é**peaut**re" French?]
1;2;3	**b[o]Ħ**	Buchis, sacred bull of Hermonthis / Armant [IE = *bos* Latin]
1;2;3	**b[ô]r**	see
1;2;3	**b[ô]sh / b[*è*]sh**	undress
1;2;3	**b[ô]t[*è*] ['t' accentuated] / b[ô]d[*è*]**	emmer
1;2;3	**b{ä} / bæ / b{è}**	sky water [path]; heaven, sky
1;2;3	**bA[i] b{o}?**	soul
1;2;3	**bn[é] [‘n’ accentuated by duplication?]**	threshold [of house]
1;2;3	**d[a]b / t[a]b**	cage (for birds?); trap [IE = English 'trap']
1;2;3	**d[a]b / *a*b**	horn
1;2;3	**d[ô]m**	sharpen; sharp (be); pointed (be)
1;2;3	**d[ô]p / d[ô]p[*è*] [accentuation on 'p'] / t[o]p**	taste [IE = English 'taste'?]
1;2;3	**dj[{ô]}r[*è*] [accentuated r] / dj[{ô]}ræ / d[{ô]r[*è*]} / t[o]r[*é*]**	hand [IE? = Armenian ձեռք 'dzerk']
1;2;3	**dj[a]d**	Djed pillar
1;2;3	**dj[ô]b[*è*] / d[ô]b[*è*] / t[ô]b[*è*] [‘b’ accentuated]**	brick; ingot; sheet
1;2;3	**dj[ô]d**	say
1;2;3	**dj[ô]d[*è*] [‘d’ accentuated]**	ripe (to); make ripe
1;2;3	**dj[ô]q**	complete
1;2;3	**dj[o]r[*è*] ['r' accentuated] / dj[o]ræ**	arm [IE = 'tzerner' Armenian]
1;2;3	**dj[ô]t / dj[ô]ït**	olive; olives; olive oil [Related to 'zeitoun' and other Middle Eastern terms for the olive tree and its products]
1;2;3	**dj[ô]w**	mountain
1;2;3	**dp[*è*] / tp[*è*] ['d', 't' and 'p' accentuated]**	kidney; loins (TLA)
1;2;3	**f[a]ï**	Viper with horn, Horned Viper
1;2;3	**f[ō]d[*è*] / f[o]t[*è*]ï ['d' or 't' accentuated]**	sweat
1;2;3	**f[ō]d[*è*] / f[o]t[*è*]ï ['d' or 't' accentuated]**	wipe; annihilate; tear apart
1;2;3	**g[a]b[*è*] / gAb[*è*] ['b' accentuated]**	leaf of plant; petal (of lotus)
1;2;3	**g[a]dj[*è*]**	earring
1;2;3	**g[é]s[*è*] ['s' accentuated] / q[a]sï**	leather stretcher / worker [TLA] = shoemaker (Vycichl) [with

		sandal det.] [IE = Armenian կաշի ‘kashi’ ‘leather']
1;2;3	**g[ô]b**	damage [; cut?] [IE = French 'couper'? English 'chop']
1;2;3	**g[o]m**	strength
1;2;3	**g[ô]r**	silent (to remain); cease
1;2;3	**g[ô]s / g[o]s**	half [IE = Armenian կես 'gés']
1;2;3	**g[ô]t**	pond, basin (for fish) [; cistern?]
1;2;3	g{[ô]w}r	silent (adj.); silent one [IE ='sourd' French? Coptic is closer; see the verb *gr* 'to be silent']
1;2;3	**gr[a]**	foot
1;2;3	**H[a]dj[*è*] ['a' long or possibly even 'ô'; 'dj' accentuated]**	silver
1;2;3	**H[a]H**	multitude; millions; eternity
1;2;3	**H[a]p[*è*] ['p' accentuated]**	Apis
1;2;3	**Ħ[a]r**	under
1;2;3	**H[a]s**	excrement; manure
1;2;3	**H[è]{t*è*}**	house man
1;2;3	**h[é]b**	Hibis (town in El Kharga)
1;2;3	**H[é]n[*è*]**	crate (in wood or gold, to put [all sorts of things])
1;2;3	**H[é]n[*è*] ['n' accentuated]** [Hn{[ô]w}?]	clothing [; textile] of some kind
1;2;3	**H[é]q[*è*] ['k' accentuated]**	Hekat (name of a wheat measure) = bushel
1;2;3	**H[*è*]r[i] ['H' accentuated]**	fright
1;2;3	**H[i]m[*è*] ['m' accentuated]**	woman, female [; wife] [IE = Related to Greek υμένας 'ymenas; French 'hymen' vaginal membrane'?]
1;2;3	**H[i]w[*è*]**	hit [IE = English: 'hit'?], strike; drive; tread
1;2;3	**H[i]z[*è*] ['z' accentuated]**	spin
1;2;3	**H[i]z[*è*] ['z' accentuated]** / H[ô?]z[*è*]	laudation (to make a) ; approve
1;2;3	**H[ô]b**	feast
1;2;3	**h[ô]b**	mission [lit. 'sending']; thing
1;2;3	**H[ô]b[*è*] ['b' accentuated]**	mourn
1;2;3	**h[ô]m**	pound
1;2;3	**Ħ[ô]n / H{n[ô]}**	come close, near, approach
1;2;3	**H[ô]r**	Horus
1;2;3	**H[ô]r**	Horus
1;2;3	**H[ô]r / H[ô]rï /H[o]r**	far from; keep away (to keep oneself), remove oneself
1;2;3	**H[ô]r[*è*] ['r' accentuated]**	far way one (n.)
1;2;3	**H[ô]s / H[ô]sï**	sing
1;2;3	**H{[ô]w}**	rain
1;2;3	**Hæ[i] / h[a]ï**	hi! [IE = English; 'hi!']
1;2;3	**HAp[*è*] ['p' accentuated]**	hiding place, place to hide things (French: 'cachette'). Linked to *ḥ3p* 'hide'
1;2;3	**Hb[a]**	mourning (n.; French: 'deuil')
1;2;3	**Hb[ô] Hb{o}Hb[o]**	tent for feast; tent
1;2;3	**Hm[*è*] ['m' accentuated]**	forty
1;2;3	**Hm{*ō*}**	artisan; artiste [lit. 'producer' from the verb *ḥmw* 'produce']
1;2;3	**Hn[ô]**	prevent
1;2;3	**Hr[a]**	face
1;2;3	**k[a]k[*è*] / k[a]kA**	obscurity
1;2;3	**k[a]m[*è*] [‘m’ accentuated]**	black (adj.)
1;2;3	**k[é]m[*è*] ['m' accentuated]**	Egypt [lit. the 'Black Land'; see *km* 'black']
1;2;3	**k[ô]k**	cook [IE = English 'cook']
1;2;3	**k[oo]tch[*è*]**	child (lit. ‘small’ [one]). [See also **κογι**] [IE = 'child' English?]
1;2;3	**kh[a]ï** / kh{o}ï? / **sh[a]ï**	high; high (be); go up
1;2;3	**kh[a]kh / kh[a]khæ**	neck, throat [IE = Armenian կոկորդ '**go**g**o**rt, French: '**g**or**g**e']

1;2;3	**kh[a]r / kh[a]ræ / ær[a]kh [metathesis] / r[a]kh [metathesis]**	at; from; to; under (the reign of)
1;2;3	**kh[ô]b**	diminish
1;2;3	**kh[ô]n[*è*] ['n' accentuated]**	disturb [; quarrel?]
1;2;3	**kh[ô]r**	fall, make = make to fall [; destroy?]
1;2;3	kh[ô]w	fragrant flowers or herbs [rather: 'plants']
1;2;3	**kh[ô]w / kh[o]wï**	fragrant substances (for the preparation of Kyphi) [; scented material]
1;2;3	**kh{o}**	pot (of milk in metal)
1;2;3	**l[a]g[*è*]**	cease
1;2;3	**l[*è*]g{o}**	hide
1;2;3	**l[é]h / l[*è*]h**	worry; fear
1;2;3	**l[é]l**	necklace, bracelet
1;2;3	**l[ô]k**	measure for liquid [IE = 'liquid?]
1;2;3	**m[a]H**	Nest
1;2;3	**m[a]n /**	so and so, such [refering to a person, ex: French 'untel', 'tel'], a certain person [IE = English 'man'?]
1;2;3	**m[a]s** / m[ô]s? Plur. ms{[ô}w[*è*]}?	infant, child [lit. 'born one']; young animal; plants (when plur.) [lit. born / born ones, hence often used in the plural form]. Related to the name of Moses? 'the 'born one', the 'infant'?]
1;2;3	**m[a]s[*è*] ['s' accentuated]**	calf [lit. born [cow]]
1;2;3	**m[é]dj[*è*] ['dj' accentuated]/ m[é]t or m[é]t[*è*]**	ten
1;2;3	**m[é]h[*è*] ['h' accentuated]**	feather
1;2;3	**m[é]r / m[é]ræ**	pack, packet, bundle [of something, as an ensemble of elements (plur?)]; bandage; bundle (as measure of vegetable)
1;2;3	**m[é]r[*è*]**	pack of clothes
1;2;3	**m[é]s[*è*]**	interest [from a loan; lit. 'the born [fruits/seeds/grain]]
1;2;3	**m[é]t**	middle [IE = Spanish 'mitad']
1;2;3	**m[i]n[*è*] ['n' accentuated]**	like (the); manner [IE? = English 'manner', French 'manière']; contents
1;2;3	**m[i]q[*è*] ['q' accentuated, with or without duplication]**	rest, sleep
1;2;3	**m[ô]H**	fill
1;2;3	**m[o]k[*è*] ['k' accentuated]**	vase of some kind
1;2;3	**m[ô]m[*è*] ['m' accentuated]/ m[ô]mï**	source [water]
1;2;3	**m[ô]n**	stay, remain
1;2;3	**m[ô]r**	bind; attach; chain [IE = English 'moor'?]
1;2;3	m[ô]s[*è*]? / **m[i]s[*è*] / m[i]s[i] ['s' accentuated]**	give birth; beget; create; produce
1;2;3	**m[ô]t / m[o]t**	vessel (of the body), vein, tendril, cord; muscle
1;2;3	**m[ô]w /**	water
1;2;3	**mdj[ô] / md[ô]**	depth (of sea, earth, building, dimension)
1;2;3	**n[a]dj / n[è]dj**	thread
1;2;3	**n[a]s / n[è]s**	tongue; language [IE = Latin 'lingua" / 'langue']
1;2;3	**n[é]b**	lord, master, possessor
1;2;3	n[é]b?	basket
1;2;3	**n[è]f /** n[è]f{o}?	blow (of wind; of breadth) [?IE = French 'nef' (boat)]; wind
1;2;3	n[ē]f / n[è]f{[ô]w}?	skipper, barge driver [French 'batelier']; sailor,
1;2;3	**n[é]H / n[è]H /** n[æ]H?	oil of olive
1;2;3	**n[è]n[oo] / {n[ô]w}{n[ô]w} / n[è]næ**	child, boy
1;2;3	n[è]s	king; king of Upper Egypt; royal
1;2;3	**n[é]s[*è*] ['s' accentuated]**	seat; throne [IE = Armenian նստել 'nstel' 'to sit']
1;2;3	**n[i]{m*è*} ['m' elongated, with or without**	sleep; sleeping (subst.)

	duplication]	
1;2;3	**n[ô]b / n[[ô]w]bn[oo]b**	gold
1;2;3	**n[ô]H / n[ô]H[*è*] ['H' accentuated]**	shake
1;2;3	**N[ô]n / N[oo]n**	water (primordial) = primordial waters
1;2;3	**n[ō]s[*è*] [long 'o' and 's' accentuated by duplication] / n[ō]sï**	break, deteriorate
1;2;3	**n[oo]r[*è*] /** n[ô]r[*è*]? / **n[oo]ræ / n[oo]r{è}**	vulture
1;2;3	**n{[ô]w}**	to, for (prep.)
1;2;3	**N{[ô]w}dj** / n[o]ït?	flour
1;2;3	**Nb[ô] /Nb[o]**	Kom Ombo [temple]
1;2;3	**nk[a]**	some, a little bit of; matter, thing
1;2;3	p[*è*]?	may be
1;2;3	**p[è]r[*è*] ['r' accentuated]** / p[è]rï[*è*]?	come out, exit, come forth, go forth
1;2;3	**p[i]dj[*è*] ['dj' accentuated] / p[i]tï**	bow [lit. 'a stretched/expanded one' or something similar']
1;2;3	**p[i]n{[ô]w}**	mouse
1;2;3	**p[ô]d**	run
1;2;3	**p[ô]H**	reach
1;2;3	**p[o]ï**	base, support, pedestal [in wood or stone]
1;2;3	**p[ô]r / p[æ]r / p[oo]r**	house; temple; tomb; container
1;2;3	**p[ô]r[*è*] /** p[ô]tr[è]?	dream [lit. see]
1;2;3	**pr[ô]** / pr{Au}?	winter [lit. the [month] of coming out / germinating = second season of the year]
1;2;3	**q[a]d[*è*] ['d' accentuated, also by duplication]**	sleep [subst. from the root *ḳd* 'to circulate [around] = to make a round tour of the night?]
1;2;3	**q[é]b /** q[é]bï?	jug
1;2;3	**q[é]n**	cease, finish
1;2;3	**q[i]d[*è*]**	weight of 9.1 gr. = double drachm or stater
1;2;3	**q[ô]d**	form, fashion; create; build (to); pot turning
1;2;3	**q[ô]d / q[ô]tï**	manner; shape; be
1;2;3	**q[ô]d[*è*] ['d' accentuated with or without duplication]**	sleep [see also *nḳd.t*]
1;2;3	**q[ô]ns / q[ô]rs / q[ô]rsæ / q[ô]ræs**	bury
1;2;3	**q[ô]q**	peel, undress
1;2;3	**q[ô]s / qæs / qAs**	bury, embalm, envelop (defunct)
1;2;3	**q[oo]q**	Cuckoo? (bird) [ZOO] [IE = French 'coucou'?]
1;2;3	**qb[ô] / qb[ô]b /**	cool; calm (to be); refresh, make fresh [IE? = English 'cool']
1;2;3	**qr[ô] /** qr[a]?	riverside
1;2;3	**r[a]d / r[a]t** [r[é]t?]	foot; footprint (see also *gr.t*)
1;2;3	**r[a]m[*è*] / r[a]mï / r[a]m[è] ['m' accentuated by duplication] / rïm[*è*]**	fish
1;2;3	**r[a]n**	name
1;2;3	**r[a]s/ r[*è*]sPlur.: r[è]s{[ô]w[*è*]}**	dream
1;2;3	**r[é]d**	representative (as civil servant); (Demotic): idem, as well as administrator, agent, etc..
1;2;3	**r[é]p[*è*] / r[é]pï / R[é]pï (goddess)**	Mistress, lady, woman of high status; goddess Repit [lit. the 'Mistress']
1;2;3	**r[i]m[*è*] / r[i]mï / r[i]m[*è*] ['m' accentuated by duplication]**	weep, cry [IE = Latin: '[lac]rima'?]
1;2;3	**r[i]r / rïrï / rræ / r[i]r**	sow [French 'truie'; reminiscent of porc [IE = Greek χοίρος as noted by V. Also Armenian: 'khoz']
1;2;3	**r[ô]d**	grow; make grow
1;2;3	**r[ô]kh**	know, reckon [IE? = English 'reckon'?]; learn
1;2;3	**r[ô]s**	watch over; wake up
1;2;3	**r{[ô]w}sh[*è*] /r{[ô]w}shæ**	rejoice [IE = English 'rejoice'?]
1;2;3	**rkh[é] / rkhï Plural: rkh{[ô]w[*è*]}**	plebeians, common people [French: 'roturiers'?], subjects

		(of king); humankind
1;2;3	**s[a]d / s[a]t**	tail
1;2;3	**s[a]dj / sAd**	vomit [lit. 'dig [out]']
1;2;3	**s[a]kh**	hit (French: 'coup')
1;2;3	**s[é]n[*è*] ['n' accentuated]**	shrine [IE = English 'shrine'?]
1;2;3	**s[*è*]w**	star
1;2;3	**s[é]w /** s[é]{oo}?	time
1;2;3	**s[é]w[*è*] ['w' accentuated]**	bandage
1;2;3	**s[i]k[*è*] ['k' accentuated]**	grind
1;2;3	s[i]kï	flour [lit. 'of the grind']
1;2;3	**s[i]m** [sæ?m or something the like?] **/ s[i]m**	herbs, plants, vegetables, pasture
1;2;3	s[i]r / z[i]r	hair of woman or animal (donkey [IE = English 'ha**ir**'?]
1;2;3	s[i]s[*è*]	dust? ashes?
1;2;3	**s[ô]kh**	hit, bit up
1;2;3	**s[ô]kh[*è*] ['kh' accentuated]**	field, marshland, country
1;2;3	**s[ô]kh[*è*] ['kh' accentuated]**	weave; erect (a hut in woven branches); form, build; form (bricks)
1;2;3	**s[o]n or s[a]n /snï Plural.: sn{[o]w[*è*]}sn{[o]w}ï**	brother
1;2;3	**s[ô]n[*è*] ['n' accentuated]**	sister
1;2;3	**s[ô]p[*è*] ['p' accentuated]**	fringe, edge (French 'bord'); bank, shore
1;2;3	**s[ō]q**	bag [lit. '[a] collector?'; IE? = French 'sac'; Armenian պայուսակ 'bayousaq']
1;2;3	**s[ō]r**	spread, disperse, ray or similar
1;2;3	**s[ô]sh**	despise; laugh at
1;2;3	**s[ô]t[*è*] / s[ô]tï ['t' accentuated]**	arrow, dart
1;2;3	**s[oo]r[*è*] ['r' accentuated]**	thorn, spike [French 'pointe'. IE = Armenian սուսեր 'sousér' 'sword'. English 'sword'?]
1;2;3	**sh[a]p**	present of honour, honour prize
1;2;3	**sh[a]ps[*è*] ['s' accentuated]**	dame, noble lady [lit. 'precious or excellent [one] from □]
1;2;3	**sh[a]r[*è*?] / sh[a]ræ / sh[a]ï**	nose
1;2;3	**Sh[a]r[*è*] ['r' accentuated by duplication]**	small (be); small, little, meagre
1;2;3	**sh[é]n ['sh' long]. Plur. sh[é]{n[ô]w}[*è*]**	tree [IE = French: 'chêne'?]
1;2;3	**sh[é]r[*è*] ['r' accentuated] / sh[é]ræ / Sh[é]rè Plur.: Sh[è]r[{ô}w[*è*]] ['r' accentuated]**	son [lit. 'little one']
1;2;3	**sh[ē]ræ / sh[ē]r{è}['é' is long for gender distinction from *šr* 'son', end accentuation expressed by *i* and {*iw*}]**	girl (young), maiden
1;2;3	**sh[é]t**	turtle
1;2;3	**sh[i]b[*è*] ['b' accentuated] / sh[è]b**	mingle, mix, replace
1;2;3	**sh[i]k[*è*] ['k' accentuated]**	tomb; grave [French: 'fosse']
1;2;3	**sh[ô]d[*è*] ['d' accentuated] / sh[ô]tï**	take away, rapt
1;2;3	**sh[ô]d[*è*] ['d' accentuated] / sh[ô]tï**	well
1;2;3	**sh[ô]f[*è*]**	swell
1;2;3	**sh[ô]m**	father-in-law / mother-in-law
1;2;3	**sh[o]m / sh[o]m[*è*] ['m' accentuated]**	summer (season); harvest; tax [IE = English: 'summer']
1;2;3	sh[ô]m? shAm?	go; traverse
1;2;3	**sh[ô]n[*è*] ['n' accentuated]**	sick (be)
1;2;3	**sh[o]sh / sh[*è*]so /** sh[o]sh{[ô]w}	jug
1;2;3	**sh{[ô]w[*è*]} ['w' accentuated] / s[o]w[*è*]**	dry (v. & adj.) [IE = French: 'sécher']
1;2;3	**sh{n[ô]w} /sh[o]n[*è*] [metathesis]**	decease (n.); trouble; need
1;2;3	**sh{o} / sh{Au}**	destiny; hazard
1;2;3	**shw[ô]**	empty (be); empty
1;2;3	**t[a]f / d[a]f / tch[a]f**	saliva
1;2;3	**t[a]k**	block; big piece
1;2;3	**t[a]p[*è*] / *a*p[*è*]**	head [IE = English 'top' or 'apex']

1;2;3	**t[è]kh / d[è]khï / {t*è*}kh**	flower of Hathor unidentified; pleasant smelling plant
1;2;3	**t[ô]k[*è*] ['k' accentuated]**	knife [IE = Armenian: 'tanak'?]
1;2;3	**t[ô]kh[*è*] / t[ô]khï / t[ô]kh{è} /t[ô]khï**	drunk (be or get); drink well [IE = English: '**dr**unk']
1;2;3	**t[ô]p**	accustom
1;2;3	tch[*è*]n or tch[*è*]{n[ô]w}?	count, quantity, census [lit. 'every'] (French: 'recensement')
1;2;3	**tch[i]z[*è*]**	vertebra [lit. 'elevation'?]
1;2;3	**tch[ô]z / tch[o]s**	commander
1;2;3	**tH[o]r**	bad (to be, [IE? = Armenian 'tchar'?]
1;2;3	**tr[*è*] / træ**	season, time [the latter probably by extension; IE = Englush '**ti**me'?]]
1;2;3	w[*e?*]sh[*è*]	bone fragments
1;2;3	**w[o]ï!**	woe, alas! (French: 'malheur') [IE = Armenian վայ! 'vaï'?' 'misfortune!' & English 'woe'!]
1;2;3	**w[ô]n**	open
1;2;3	**w[ô]n**	part (of number)
1;2;3	**w[ô]n**	someone [IE = English 'some**one**']
1;2;3	**w[ô]n / w[ô]n[*è*] ['n' accentuated by duplication]**	there is; be
1;2;3	**w[ō]r[*è*] [long 'o' & 'r' accentuated]**	plentiful (be; or similar)
1;2;3	**w[ô]sh**	missing; dry; be bold empty (be); fall; destroyed (to or be)
1;2;3	**w[ô]t**	different (be) = 𓂋𓅱𓏏𓄿 *rw[iȝ]ty* 'other'
1;2;3	**y[ô]r[*è*] / y*ar*[*è*] / æt[ô]r[*è*] ['r' accentuated]**	river [IE = English 'river']
1;2;3	**y[ô]t[*è*] / {ä][ô]d[*è*] ['t' and 'd' accentuated]**	dew; divine dew; divine force
1;2;3	yA?	really [?, interj.], so, so long as, except
1;2;3	**z[é]f[*è*]**	knife, sword [lit. 'cutter'?]
1;2;3	**z[i]b / s[i]b**	lice; flee
1;2;3	**z[i]n[*è*] ['n' accentuated]**	blade of plough (French: 'soc')
1;2;3	**z[i]n[*è*] ['n' accentuated] / z[i]nï /s[i]nï**	pass (by), go (by)
1;2;3	z[ô]f	cut up, slaughter, throat cut
1;2;3	**z[ô]H / s[ô]H**	room, tent (where counsellors meet), booth
1;2;3	**z[ô]Ħ / s[ô]Ħ**	deaf
1;2;3	**z[o]p**	times, occasions, instances; cases; affairs
1;2;3	**z[ô]p[*è*] ['p' accentuated]**	remain over (to); left abandoned (to be), left out, excluded
1;2;3	**z{n[ôw]} /s{n[ôw]}**	doctor, medic, physician
1;2;3	**zw[o]**	wheat
1;2;3,	sh[è]b[o?] ['sh' accentuated]	reward; payment, payment; value, price
1;2;3?	[*e*]z[ô]r?/ [e]z[ô]ræ?	ram
1;2;3?	n[ô]k? [vocalisation difficult]	fornicator
1;2;3?	**p[è]r[*è*] ['r' accentuated]**	eczema
1;2;3?	q[*è*]r[è]s / q[è]s	burial [IE? = Armenian 'գերեզմանոց' [qeresmanots] 'cemetery' or 'caisse' French]
1;3;4	**[a]Ħ{Au} / [a]Ħ{o}**	naked man
1;3;4	**[è]b{ä}**	marvels, wonders, astonishing things; wonderful things
1;3;4	**[*e*]bït[*è*] ['t' accentuated; artistic arrangement of ï]**	apicultor, beeherder, beekeeper
1;3;4	**[*e*]bït[*è*] ['t' accentuated; artistic arrangement of ï] / [*e*]bæt[*è*] / [*e*]bï{t*è*} / [*e*]bït[*è*] / [*e*]bït[*è*] / [*e*]bïtA /[*e*]b{o}t[*è*]æb{o}tA] / Abït[*è*]** Ab{o}t[*è*]?	King of Lower Egypt [Lit. 'The Apicultor', 'The Bee Herder' in the sense of the one taking care of the bee hive = the people. The root '*by*' is IE English 'bee'?]
1;3;4	**[*e*]nt[o]f / [*e*]ntch[o]f / [*e*]nt{è}f / [*e*]mtof**	he, him (pron. 3rd. masc.); that (neutral form); [belongs] to him.
1;3;4	**[*e*]nt[o]k**	you [French: 'tu', 'toi'] (pron. 2nd sing.masc.)
1;3;4	**[*e*]nt[o]t / [*e*]nt[o]tch / [*e*]mt[o]t, [*e*]mt[o] /**	you (pron. 2nd. pers. sing. fem.)
1;3;4	**[*e*]ntch[ô]r[*è*] / [*e*]nt[ô]r[*è*] Plur.[*è*]nt[o]r[ô]w[è]**	goddess

1;3;4	[*e*]rh[o]b	embers (French: 'braise')
1;3;4	**[e]rm{ō}/[e]rm{[ô]w} /Plural: [e]rm{[ô]w[è]}**	tear [IE= Latin: 'lac**rim**a / lac**rim**ae'; French: '**armoyer**']
1;3;4	**[E]snï**	Esnah
1;3;4	**[è]zAtch / [è]zAtA/ Ast**	land, soil, ground, floor, earth
1;3;4	**[ô]*a*sh / [ô]{ä}sh**	call (n. and v.) [IE = English 'shout'?]; summon
1;3;4	**{[*e*]m}[ô]n{è}**	graze (to make one as pastor)
1;3;4	**{*â*}p[o]p[*è*] / {*â*}p[o]pæ / *a*p[o]p[*è*]**	Apophis (sun's enemy represented as a snake)
1;3;4	**{ä}r[ô]r[*è*]** {ä}r[a]r[*è*]? **['r' accentuated] / Al[o]lï or Al[a]lï?**	vine; grape, grape seed [IE = Armenian խաղող որթ 'khaghor']
1;3;4	**{è}{[ô]w}sh [long 'sh' by duplication] / {è}{[ô]w}shA [latter probably an accentuation [è]]**	mush, mash, gruel (French 'gruau, bouillie'); dough (med.) [IE = English 'mush'?]
1;3;4	**{è}{n[ô]w}**	centre in the sense of 'seat', or 'central place] from its primary sense 'pillar, column' hence 'Heliopolis' lit. the 'centre / central' cult place of the sun, etc... for other cult places with similar a name: Esna, Armant, Dendara, etc...
1;3;4	**{è}r[ô]ï**	beans = Lobya (*Dolichos lubia* Forskk.) [IE = French: 'haricot'?]?
1;3;4	**{m*è*}d[o]n / mt[o]n**	calm, peaceful (to be)
1;3;4	**{m*è*}shd[*è*] / m[i]shd[*è*] ['d' accentuated]**	ford, passage
1;3;4	{n[ô]}w}H	bind [IE = French 'nouer'?]
1;3;4	**{n[ô]}wd / n{[ô]w}tï [t accentuated]**	swaddling clothes [of baby] (French: 'langes')
1;3;4	**{n{[ô]w}t {n{[ô]w}t / n[oo]tï**	pool [of water]
1;3;4	**{t*è*}r[i]r / {t*è*}hAr**	oven
1;3;4	**A{[ô]w}ï / {ä}{[ô]w}**	glory
1;3;4	**Ab[ô]d**	Abydos
1;3;4	**Ab[ô]d**	month
1;3;4	**æ[*e*]r[*è*]r**	shine
1;3;4	**æ[ô]{t*è*}ï**	sovereign [related to *it* 'father' as already suggested by Chassinat?]
1;3;4	**æ[ô]nï**	water spread of the nome of Arabia
1;3;4	**æ-{n[ô]w}**	look!
1;3;4	**æby[o]**	honey
1;3;4	**æ-dj[ô]d**	say! Constructed as in Coptic expressions such as ⲉⲓⲭⲉⲣⲟⲕ 'I say to thee' (ⲉⲓ + ⲭⲉⲣⲟⲕ) (V. 321)
1;3;4	**æg[é]p[*é*] / g[é]p[*é*] ['p' accentuated]**	cloud (filled with water)
1;3;4	**æh[ô]m / Ah[o]m**	mourn; suffer
1;3;4	**æm[a]h[*è*] /æm[a]ht[*è*] / Am[a]ht[*è*] / [a]m[a]h[*è*] ['t' and 'h' accentuated]**	hold, seize, grab
1;3;4	**æm[é]ï / [*e*]mæ / *a*mæï / *a*mæ**	come! (Imp. singular) [French: 'viens']
1;3;4	**æm[i]s[*è*] / Amïs[*è*] ['s' accentuated]**	dill (*Anethum graveolens*)
1;3;4	**Æm[ô]n** Æm[oo]n?	Amon
1;3;4	**æm*a* / æm*a* / {è}m{*õ*}** or digraph? **/ m{*õ*}** or digraph? /**[*e*]m{*õ*} ['m' accentuated wherever positioned]**	Give! (Irregular imperative of *rdi* =)
1;3;4	**æn[i]m / æn[i]{m*è*} / nïm / nïm*æ***	who; what (prep.)
1;3;4	**æn[ô]H**	surround
1;3;4	**æn[o]k / [a]{n[ô]}k**	I; mine
1;3;4	**æn[o]m**	skin; leather
1;3;4	**æn[o]m /** æn[o]m[*è*]? accentuated 'm' by duplication?] / **æ{n[ô]w[*è*]**]} [Plural form used as substantive?]	colour
1;3;4	**æn[o]n**	we [nous] - our (French: notre)
1;3;4	**æn[ô]w[*è*] [*è* is here not an accentuation but**	example, model [lit. things brought [together]?] [TLA

	a plural]	corrects the meaning as ' messenger; supplier; bearer' (Wb 1, 91.19-92.1) but there seems to be two distinct words]
1;3;4	**æp[o]t**	cup (n.) (French: bêcher) [IE = 'pot' English?]
1;3;4	**æq[ô]d[*è*] [accentuated 'd']**	mason
1;3;4	**ær[*é*]ï / æræ / ær[*è*]plural: ærï{[ô]w[*é*]}ærï{oo[*é*]}**	comrade, friend
1;3;4	**ær[i]r[*è*] [‘r’ accentuated]**	do!
1;3;4	**ær[ô]tch / ær[ô]t**	milk
1;3;4	**æs[a]ï** æs{o}? **/ As*a***	light (to be)
1;3;4	**æs{[ô]w} / æs{[ô]w}ï**	salary, compensation [reward?]; equivalent
1;3;4	**æsï / æs{o}?æs[é]**	to be light
1;3;4	**æsw[*è*]**	burse; testicular
1;3;4	**æt[o]r[*è*] / [*e*]t[o]r[*è*] / ætch[o]r[*è*] [rarely]æ[ō]r[*è*] [long 'o' and 'r' accentuated]**	river [IE = 'river' English ?]
1;3;4	**æw[a]n**	colour; aspect (figur.)
1;3;4	**æ-w[ô]n**	open!
1;3;4	***a*H[ô]r**	pile, possession, abundance of food [treasure?] [IE = 'treasure' English?]
1;3;4	***a*khm[i]**	soot? (mentioned as combustible along charcoal)
1;3;4	***a*n[a]kh**	flower bouquets [lit. 'the living ones'?]
1;3;4	***a*n[a]kh**	oath [life oath = French 'serment']
1;3;4	*a*n[ô] / *a*{n[ô]}	beautiful (to be)
1;3;4	**Ap[ô]d**	approach (in running); beat (of heart) [IE = English: 'approach'], rush forward
1;3;4	***ar*[*è*]{[ô]w}**	may be
1;3;4	Ar[o]r / Ar[a]r	frustration
1;3;4	***a*rk[ô]**	conjure (something); abjure; swear (an oath)
1;3;4	As*a*[i]	light (to be)
1;3;4	***a*shA[i] / *a*sh**[*è*?]	numerous (v. - to be)
1;3;4	**b[a]Hz / b[a]Hs**	calf, bull (young)
1;3;4	**b[a]hz[*è*]**	veal; heifer
1;3;4	**b[a]ng**	bird name - unidentified
1;3;4	**b[è]ki**	wrecked (of boat or sailor)
1;3;4	**b[è]nï** = m[è]n[i]?	swallow
1;3;4	**b[è]s /**	Bès
1;3;4	**b[é]sh, b[è]shA, bAshA**	fig which are green? = green figs? (fruits of some kind mentioned near dates and wheat)
1;3;4	**b[i]gA**	wrecked (of boat or sailor)
1;3;4	**b[ô]hn**	protect [IE = Armenian պաշտպանել ‘bashpanél’?]
1;3;4	**b[ô]in**	evil (adj.) [IE?]
1;3;4	**b[o]in[*è*] / b[o]ïn[*è*] [‘n’ accentuated] /b[o]n[*è*]**	harp
1;3;4	**b[ô]kA**	pregnant (to become)
1;3;4	**b[o]nd[*è*] [accentuated]**	cucumber garden (TLA)
1;3;4	**b{n[ô}w}[*è*] / bn{*ō*} / bA{n[o]w}**	stone [large] for griding = griding stone, quern (French: 'meule')
1;3;4	**bæn[*è*] ['n' accentuated]**	bad, evil (adj. the)
1;3;4	**bæn[*è*] ['n' accentuated]**	evil thing (the, n.)
1;3;4	**bAk[*è*] / bAk{è} [‘k’ accentuated]**	work; tax; salary?
1;3;4	**bAk[i] / bAkæ**	servant (fem.)
1;3;4	**d[ô]b[*è*]H [‘b’ accentuated]**	ask; need (to be in); requisition
1;3;4	**d[ō]gA / t[ô]g[*è*] ['g' accentuated]** =	plant; put; erect; glue; coat [French: 'enduire'], cover, lay (stones)
1;3;4	**d[ô]gs** = **? dgAsA / dgAs{è}** [there seems to be two different forms of this verb]	trample [French: 'fouler'], tread; enter
1;3;4	**d[ô]HA / t[ô]H**	straw

1;3;4	**d[ō]mæ/ t[o]m[*è*] ['m' accentuated]**	touch; unite, cleave, join [IE = English 'touch'?]
1;3;4	**d[ô]mdj**	unite, re-unite, join, assemble re-assemble
1;3;4	**d[o]næ / t[o]nï**	part [of something], share, portion
1;3;4	**d[ô]nH**	capture (birds) by the wings
1;3;4	**d[ô]qr**	tied (to be)
1;3;4	**d[ô]shr / t[o]shr**	red (n.); red (be)
1;3;4	**d[o]wA / t[o]wA**	tomorrow; in the morning [IE = Italian: '**do**mani' or English: '**to**morro**w**?]
1;3;4	**dbn[é]**	animal
1;3;4	**dhn[*è*] ['d' accentuated]**	forehead [French: 'front']
1;3;4	**dj[a]df[*è*] / djAdf[*è*] / dj[a]tf[*è*] ['f' accentuated]**	snake; worm [; rampant?]
1;3;4	**dj[a]n[*è*]H / djAnïH**	leg; part of leg
1;3;4	**dj[*é*]bA / dj[é]b{*ō*} [accentuated 'dj']**tb{*ō*}?	coffin, sarcophagus; crate for idol, shrine
1;3;4	**dj[é]bA / tch[é]b[a] / t[*è*]b[a]**	crate for birds
1;3;4	**dj[é]b*a* / t[é]b*a***	finger
1;3;4	**dj[é]nH**	wing
1;3;4	**dj[ô]bA / d[ô]bA**	leaves (carried by the wind)
1;3;4	**dj[ô]bA / d[ô]bA t[ô]bA**	reward; replace; reimburse
1;3;4	**dj[ô]b*a* / t[ô]ba**	seal [lit. 'to finger'?; close]
1;3;4	**dj[ô]djA**	pierce; kill; knock
1;3;4	**dj[ô]dm[*è*] ['m' accentuated]**	pile (of wheat, myrrh, precious metals, etc...)
1;3;4	**dj[ô]Hï / dj[o]H**	touch [IE = English 'touch']
1;3;4	**dj[ô]Hm[*è*] ['m' accentuated]**	dirty [see also *dnmm*]
1;3;4	**dj[ô]l[*è*]H**	draw [water]
1;3;4	**dj[ô]q[*è*]m ['q' accentuated]**	bathe; wash
1;3;4	**dj[ô]ræ**	wall [; rampart]
1;3;4	**dj[ô]ræ / dj[ô]r{è}**	strong; solid, stout (adj.)
1;3;4	**dj{n[ô]}w**	beating area [for cereals]
1;3;4	**djd[a]H**	prison
1;3;4	**djn[a]H / djnAH / dn[a]H / tn[a]H**	wing [; arm?]
1;3;4	**djp[ô]H / djmp[ô]H**	apple [IE = French '**pom**me']
1;3;4	f[a]nkh	carpenter; joiner
1;3;4	**f[ô]qA**	pluck, uproot, tear (plants), eradicate
1;3;4	**fd{[ô]w} / æfd{[ô]w}**	four
1;3;4	**g[a]Hs[*è*] ['s' accentuated]**	gazelle [IE = English 'gazelle']
1;3;4	**g[*è*]n[ô]n / g[*è*]{n[ô]} / gAn[ô]n**	sweet, soft, weak (to be)
1;3;4	**g[*è*]r[*é*]g ['g' accentuated]**	hunter [lit. 'the equipped [one]?]
1;3;4	**g[*è*]r[ô]m**	sceptre
1;3;4	**g[o]m[*è*] ['m' accentuated]**	find. discover
1;3;4	**g[ô]rb[*è*] ['b' accentuated]**	garment (of some kind) [IE = English 'garment'?]
1;3;4	**g[ô]rg**	equip; establish
1;3;4	**g[ô]rg**	lie, falsehood
1;3;4	g[ô]rg[*è*]	establish, found
1;3;4	**g[ô]rH**	cease; terminate, complete. satisfied (be)
1;3;4	**g[ô]rH / k[ô]rH**	night
1;3;4	**g[ô]rp / q[ô]rp / k[ô]rp / g[ô]lp**	unveil
1;3;4	**g[o]rt[*è*] / k*a*rtï**	knife [IE = French 'couteau'?]
1;3;4	g[ô]s{t*é*}	palette of scribe
1;3;4	**G[ô]sA**	Kous (Apollonis Parva – town)
1;3;4	g[ô]sm	water spread with waves (Delta?) [; agitated water area?]
1;3;4	**g{Au} / g{o}**	tight (be)
1;3;4	g{[ô]w}f	macaque
1;3;4	**g{o}**	bowl [to feed] (French: 'écuelle')
1;3;4	**gA**	water [float] (a boat [in the sense of putting it afloat])

1;3;4	**gAsh** [Alternative form g[ô]sh ?]	Pour
1;3;4	**gAsh[*è*] ['sh' accentuated] / g{[ô]w}shæ**	goose; bird which migrate, migrating bird (of some kind) [IE = English 'goose, geese']
1;3;4	**gH[o]s / gAH[o]s**	gazelle [IE = English 'gazelle']
1;3;4	**gnglA ['g' accentuated]**	bat
1;3;4	**gr[*é*]g[*è*]**	dowry [lit. 'equipment' (of marriage)]
1;3;4	**gr[*é*]p[*è*] ['p' accentuated]**	diadem
1;3;4	**gr[ô]H**	missing [item]; unpaid taxes
1;3;4	H[a?]r{è}	volatile of some kind [French: 'sort of volaille] [IE = French: 'volaille'
1;3;4	H[a?]zï	weak (person); wretch one
1;3;4	**H[a]gï / H[a]djï**	trap; lace
1;3;4	**H[a]m[*è*] / hAm[*è*] / H[a]nm[*è*] ['m' accentuated through duplication]**	humanity [IE = English '**hu**m**an**ity']
1;3;4	**h[a]p**	law, ordinance
1;3;4	**H[a]tr[*è*] ['r' accentuated]**	twins [lit. 'tied ones']
1;3;4	**h[*è*]b[ô]ï / h[*è*]b{[ô]w} /hAb[ô]ï / h[*è*]b[o]**	ibis (*Ibis religiosa*)
1;3;4	**H[*è*]bs[ô] /**H[*è*]bs{o}?	tissue; clothing; blanket
1;3;4	**Ħ[è]l{*â*}**	old boy [in the sense of 'old man']
1;3;4	**Ħ[é]ms / Ħ[*é*]ms / kh[*è*]ms**	spikelet of wheat
1;3;4	**H[é]nï**	spice; incense
1;3;4	**H[é]q[*è*]r ['q' accentuated]**	hungry one; poor [IE = '[the] hungry [one]']
1;3;4	**H[*è*]r[é]r[*è*] / HAr[é]r[*è*] / Hr[é]r[*è*]ï ['r' accentuated]**	flower
1;3;4	**H[é]tch[è]s ['tch' accentuated]**	jerboa (French: 'gerboise')
1;3;4	**H[è]tr[*è*] ['r' accentuated]**	cord; string [lit. 'the tying thing = French 'attache']
1;3;4	**H[i]kA / H[i]k**	magic
1;3;4	**H[i]n** H{n[ô]}w[*è*]? [Plural formas substantive?}	cup (of precise dimensions); measure [the 'Hin' = 0.45 of a litre]
1;3;4	**Ħ[i]n[*è*] ['n' accentuated] / Ħ[i]nï**	row; navigate
1;3;4	**H[ô]bk**	dry; destroy; weaken; perish; wither [of flowers]
1;3;4	**h[ô]bk / HAbk**	harpoon, stick; crush, beat, triturate
1;3;4	**H[ô]bs**	clothe (French: 'vetir'), veil (French: 'voiler'), cover
1;3;4	**H[ô]d[*è*]b / H[ô]t[*è*]b ['d' and 't' accentuated]**	kill
1;3;4	**H[ô]dj**	damage; miss
1;3;4	**H[ô]ï{*tè*} ['t' accentuated'] / H[o]tch[*è*] / H[o]t[*è*]**	hyena [IE = English: 'hyena']
1;3;4	**H[ô]ïr[*è*] /** H[ô]ræ? /H[o]ri?	faeces, coprolites, excrements
1;3;4	**Ħ[ô]kr / Ħ[ô]kĦ*ɑ*k**	ornated (be; French: 'être paré')
1;3;4	**H[ô]mt**	bronze; copper; ore; money; silver
1;3;4	**H[ô]mtï**	metallurgist
1;3;4	**h[ô]rï**	milk (French: 'traire')
1;3;4	**H[ô]rï / H[o]l**	fly [IE = French 'voler' or 'vol' (of birds)]
1;3;4	**H[ô]rp**	sink in; drown
1;3;4	**H[ô]sA**	thread; string
1;3;4	**H[ô]sb[*è*] ['b' accentuated] / H[ô]sp[*è*] ['p' accentuated]**	plot of garden; meadow
1;3;4	**H[o]t[*è*]ï**	instant
1;3;4	**H[ô]t[*è*]ï ['t' accentuated]**	afraid (be); fear (n.)
1;3;4	**H[ô]t[*è*]r / H[ô]t[*è*]ï ['t' accentuated]**	tax (compulsory payment), wage
1;3;4	**H[ô]tm**	perish
1;3;4	**H[ô]tp**	conciliate; also: be peaceful; be gracious; be pleasant; be happy
1;3;4	**H[ô]tp**	embrace, surround, enclose
1;3;4	**H{[ô]w}A / H{[ô]w}**	rotten; sad, in the blues

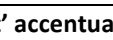
1;3;4	**h{[ô]w}sh**	insult; wound [intellectually]
1;3;4	**H{n[ô]}**	pot
1;3;4	**Ħ{n[ô]}**	interior, inside (of temple, palace, body, etc...; French: 'intérieur') [IE = English: 'inside'?]
1;3;4	**h{o}[e]{n[ô]w}['n' accentuated]**	wave
1;3;4	**H{*ō*}dj /Hdj{o}**	cold (lit. 'cold wind'); cold wind
1;3;4	**hAb[i]**	trample (to, proper and figurative); mistreat
1;3;4	**hAr[*è*] / khAr[*è*] ['r' accentuated]**	widow
1;3;4	**H{Au}[o] / H{*ō*}[o]**	increase (n.)
1;3;4	**hb[ē]t[*è*] ['é' long]**	foam
1;3;4	**Hb[ô]s**	tissue; clothing; blanket
1;3;4	**Hd[ô]p**	fall (on ground); fall (n.) [IE = English 'drop'?]
1;3;4	**Hï[ô]ï**	watch [; examine]
1;3;4	**Hl[ô]l[*è*] ['l' accentuated]**	rock [a baby] (French: 'bercer')
1;3;4	Hm[i]r	pelican? (a bird of some kind)
1;3;4	**Hm[ô]s /H[*è*]msæ /H[*è*]ms[i]**	sit down; be seated
1;3;4	**Hmz[ô] ['s' accentuated] / hæms[ô] / æHms[ô] /Hms[o]**	sit, sit down, sit (to make (*rdy*); occupy [IE = English 'sit'?]
1;3;4	**Hn[ô]H[*è*] ['H' accentuated]**	fear
1;3;4	**Hq[ô]r**	hungry (be) [IE = English: '**h**u**n**g**r**y', '**h**un**g**e**r**']
1;3;4	**Ħr[a]ï**	inferior
1;3;4	**Hr[é]ï**	chief [lit. 'superior' (one in charge)]
1;3;4	**Ħr[ô]d / Ħr[ô]tï / Ħr[ô]tch**	child
1;3;4	**hr[ô]sh**	heavy (become); heavy (adj.)
1;3;4	**Hr{[*è*]oo}**	oven (of metal worker)
1;3;4	**Ħr{[ô]w} / khr{[ô]w}**	voice; noise
1;3;4	**hr{[ô]w} hr{[ô]w}[*è*] / h{[o]w}[*è*] ['w' accentuated] / h{Au}Plur. hAr[{[ô]w[*è*]}**	day [IE = Armenian օր 'or' 'day]
1;3;4	**Ht[o]p**	basket (as a measure for fruit and plants)
1;3;4	**Ht[ô]r**	bind together
1;3;4	**Ht[ô]r[*è*]**	tie [; harness], bind together
1;3;4	**Ht[ô]r[*è*] ['r' accentuated] / Htï**	horse [lit. 'the tied/harnessed one'] (from the verb *ḥtr* 'tie') [IE = English: 'horse'?]
1;3;4	**k[ô]bï**	force
1;3;4	**k[ō]f*a* / q[ô]bi**	plunder, capture, abduct (to), booty making
1;3;4	**k[o]rkï**	dirt
1;3;4	**k[ô]rm**	smoke
1;3;4	**k[ô]rp**	delete, efface [, erase] (an inscription)
1;3;4	**k[ô]shp**	look
1;3;4	**k[o]sï/k[o]s**	fold (to); bow down (to); down; prostrate (to be)
1;3;4	**kh[a]nm[*è*] ['m' accentuated]**	source (of spring)]; well
1;3;4	**kh[a]nr / kh[a]l**	tooth (of lion) [; canine?] [IE = French: 'canine']
1;3;4	**kh[a]rp**	director, master
1;3;4	**kh[æ]rï / kh[a]l**	myrrh of some kind
1;3;4	**kh[é]bs / khAbsA**	lamp
1;3;4	**kh[*è*]dj[*è*] ['dj' accentuated]**	eel? kind of fish
1;3;4	**Kh[é]m**	Letopolis
1;3;4	**kh[i]t**	beating area (for cereals; French: 'aire a battre')
1;3;4	**kh[ô]fA**	fist
1;3;4	kh[ô]f*a*	grab
1;3;4	**kh[ô]khr[*è*] ['r' accentuated]**	overturn, upset
1;3;4	**kh[ô]l**	rob, pillage [IE = English: 'rob']
1;3;4	**kh[ô]mt kh[ô]mt[*è*] ['t' accentuated]**	three
1;3;4	**kh[ô]n[*è*]m ['n' accentuated]?**	smell, inhale, breath (a pleasant smell); 'smell' (n.) [French: 'odorat']
1;3;4	**kh[ô]nd**	enter; walk in

1;3;4	**kh[ô]nsh**	stink
1;3;4	**Kh[ô]nz / Kh[ô]ns**	Khons
1;3;4	**kh[ô]p[è]r ['p' accentuated]**	happen, become, come into being, take birth, occur [IE = English 'happen']
1;3;4	**kh[ô]psh**	leg (front), foreleg [; arm?; member [French: 'membre'?]]; 'The Great Bear' [constellation]
1;3;4	**kh[ô]r**	fall
1;3;4	**kh[ô]rp**	wake up (the morning)
1;3;4	**kh[ô]shb**	mutilate, cut (nose)
1;3;4	**kh[ô]tï / sh[o]tsh[*è*]t ['sh' accentuated]**	carve, engrave; incise
1;3;4	**kh[ô]tm[*è*] / kh[ô]t[*è*]m ['t' accentuated]**	close; seal [; shut] [IE = English 'shut']
1;3;4	**kh{Au]t**	trance (be in); extasy oneself= *ẖyt* 'trance' (n.), but also 'anger; malediction'(Demotic)
1;3;4	**khAb[*è*] ['b' accentuated]**	sickle
1;3;4	**kh*a*r[*è*] ['r' accentuated] / kh[a]r[*è*]**	defeat (enemy); rage
1;3;4	**khm[ô]n / khm[ô]n[*è*] ['n' accentuated]**	eight
1;3;4	**khn[ô]p**	breath [life into]; breath (air)
1;3;4	khnm[*è*] ['m' accentuated]	nurse [French 'nourrice']; Isis/Hathor [lit. '[the] Nursing/Suckling One]
1;3;4	**khp[é]r[*è*] ['r' accentuated] / khp[é]rï**	event [;astonishing thing; miracle [lit. 'happening']
1;3;4	**khr[a]sh**	bundle (of arrows) [; pack]
1;3;4	**kht[ô]m**	lock; key hole [lit. 'shutter']
1;3;4	**kht[ô]r**	trouble? (meaning unknown)
1;3;4	**km[ô]m /** k[ô]m?	black, dark (to be) [see *km.t* 'Egypt' i.e. 'the Black Land']
1;3;4	**kn[ô]m / gl[o]ml[*è*]m**	enclose; surround, wrap in [IE = English 'en**clo**se']
1;3;4	kr[ô]f	contract, draw together, fold, bend
1;3;4	**kr[ô]r / kr[oo}r / kl[oo]l**	frog
1;3;4	**l[ô]kH**	to lick [IE = English 'lick', French 'lécher'?]
1;3;4	**l[ô]kh[*è*]m**	pound, 'triturer'
1;3;4	**l[ô]ms**	rot, become sour (to)
1;3;4	**m[a]djA ['dj' accentuated]**	chisel
1;3;4	**m[a]H[*è*] ['H' accentuated]**	arm; cubit
1;3;4	**m[a]Ħt / {m*è*}Ħt / m[è]Ħt**	entrails
1;3;4	**m[a]n{è}**	shepherd
1;3;4	**m[a]tw[*è*] ['w' accentuated]**	poison
1;3;4	**m[æ]z[*è*] / mæ[oo]s[*è*] / mæ{[ô]w}s[*è*] ['z' or 's' accentuated]**	liver?], body organ, mentioned with lungs and other organs
1;3;4	**m[*è*]h[é]l**	bold
1;3;4	**m[è]r{[ô]w} /** [*è*]mr{[ô]w}?	harbour, dock; jetty [IE? = French 'amerissage']; embankment
1;3;4	**m[é]sh*a***	army; workforce [lit. a multitude? [of soldiers, people]].
1;3;4	**m[è]tr[*è*] ['r' accentuated]**	midday [IE = French 'midi', German 'mittag', English 'midday']
1;3;4	**m[i]khï / mïkh[è]**	fight
1;3;4	**m[ô]d / m[oo]t**	speak; words, discourse; thing, affair; [recitation, incantation; charm, spell]
1;3;4	m[ô]dj	deep, to be
1;3;4	**m[o]djĦ / m[a]djĦ**	belt, girdle, [band?]
1;3;4	**M[ô]n{tè} / M[ô]ntch[*è*]**	Montu
1;3;4	**m[ô]n*a***	nurse
1;3;4	**m[ô]n*a***	nurture; educate [a child]
1;3;4	**m[ô]næ / m[ô]n{è}**	moor; steer; die (metaphor) [IE = English 'moor']
1;3;4	**m[ô]nH [m[oo]nH?] / m[ô]nHï**	beeswax; wax [IE? = Armenian 'մեղրամոմ' 'mègha**mom**'?]
1;3;4	**m[ô]nkh**	mount, string (beads) [; fix [a necklace]] [IE? = English 'mount']
1;3;4	**m[ô]nq**	complete, come to an end, finish, terminate; reward

1;3;4	**m[o]sdj[*è*] / m[o]sdj[*è*] /m[o]sd[*è*] [accentuation by duplication]/ m[o]sdï**	hateful (what is; subst. f.) [evil][IE? = English 'misdeed'; OEB: Old English misdæd "misdeed, evil deed, sin," common Germanic compound (cf. Old Saxon misdad, Old Frisian misdede, Middle Dutch misdaet, German Missetat, Gothic missadeþs; see mis- (1) + deed (n.).].
1;3;4	**m[ô]sdj[*è*] / m[ô]sd[*è*] / [accentuation by duplication]m[o]st[*è*]**	hate, detest
1;3;4	**m[ô]wt**	death [IE = French 'mort']
1;3;4	**m[ô]wt**	die [IE = French 'mort'?]
1;3;4	**m[oo]n[*è*] ['n' accentuated] / m[oo]nï**	root
1;3;4	**m{Au}[*è*] /** m[è]wï?	think
1;3;4	**mæm[ô] / æm[ô] / m[ô]**	there [afar]
1;3;4	**mAw[i]** m{Au}[i]?	new
1;3;4	**mdj[ô]l**	onion [*Allium cepa* L.]
1;3;4	**mH[a]tï**	North
1;3;4	**mH[é] / mHï / mH[é]**	wind from North = Northern Wind. Surviving in Arabic as *maHwa.t*
1;3;4	**mn[o]d / mn[o]dj**	chest (of woman or man)
1;3;4	**mr[ô]kh[*è*] / {*mè*}r[ô]kh[*è*] / mtr[ô]kh[*è*] ['kh' accentuated] /**	strainer, vessel in bronze
1;3;4	mt[ô]r	present, be; witness, be; show
1;3;4	**mz[a]H / ms[a]H / Plural: msH{oo}w[è]**	crocodile
1;3;4	**n{*õ*}**	pole
1;3;4	**n[a]Hb[*è*] ['b' accentuated]**	neck; nape (French: 'nuque')
1;3;4	**n[a]hp[*è*] / nhAp[*è*] [metathesis?]**	impregnate, cover [sexual act] (French 'saillir'), beget, copulate
1;3;4	**n[a]kht[*è*] ['t' accentuated]**	strength; victory; rigidity [of members]
1;3;4	**n[a]sr / n[oo]sr**	destroy; burn up; shrivels
1;3;4	**n[é]bæ / n[é]b[*è*] ['b' accentuated] / nbï**	swim [IE = Spanish 'nadar'?]
1;3;4	**n[è]ræ**	time period (fixed)
1;3;4	**n[ô]bï / n[oo]bï / n[oo]b{è}**	goldsmith, gold worker [French: 'orfèvre'; German: 'goldarbeiter']
1;3;4	**n[ô]bs** n[oo]bs? **/ n[ô]bæs** n[oo]bæs?	Christ-thorn, jujuba [*Ziziphus spina-Christi* L.]
1;3;4	**n[ô]dj / n[o]t**	grind
1;3;4	**n[ô]dj[*è*]m / n[oo]dj[*è*]m ['dj' accentuated]**	sweet, pleasant (v. & adj.) [?IE = Armenian 'noush']
1;3;4	n[ô]dj[*è*]m n[oo]djm?	Caroube tree? [Lit. 'The sweet tree?]
1;3;4	**n[ô]djꞮ**	splash
1;3;4	**n[ô]fï**	blow on, breath on (to)
1;3;4	**n[ô]fr[*è*] / n[oo]fr[*è*]**	good (adj.); to be good ; beautiful
1;3;4	**n[ô]H[*è*]b ['H' accentuated]**	harness [lit. 'to neck', 'to shoulder'?]; yoke (to); appoint (to)
1;3;4	n[ô]Hæ	shy, lack (to)
1;3;4	**n[ô]Hm /** n[oo]Hm?	take away, save, protect; remove, steal [semantic shift]
1;3;4	**n[ô]kht**	strong (to be); strenghten (to)
1;3;4	n[ô]mt?	go, stride through, walk
1;3;4	**n[ô]shp** / **n[ô]shpæ**	inhale, breath; feel
1;3;4	**n[ô]tch[*è*]r / n[oo]t[*e*]r ['tch' or 't' accentuated]Plural (masc.): *n[ô]tch[*è*]r{[ô]w[*è*]} / *n[oo]t[*e*]r{[ô]w[*è*]}**	god
1;3;4	**n[ô]tf**	untie, slacken, loosen (to)
1;3;4	**n[o]we**	time, hour
1;3;4	**n[oo]h[*è*] ['h' accentuated] / n[oo]hA / {n[o]w}hæ / n[*è*]H{ô} [metathesis?]**	sycamore; any tree with leaves
1;3;4	**n{*ō*}[i]**	spear [weapon]
1;3;4	**nh{[ô]w}r**	fright

1;3;4	**nq[ô]d[*è*] / nAq[ô]dï ['d' accentuated through duplication]**	sleep [see also *ḳd.t*]
1;3;4	nsh[i]t	hairdresser, coiffeuse
1;3;4	**p[a]{o}-æ**	mine (poss. art. 1st. sing.)
1;3;4	**p[a]Ħr[*è*] [‘r’ accentuated]**	medicine; remedy
1;3;4	**p[a]khA**	trap
1;3;4	**p[a]ks[*è*] / pgAs [‘p’ accentuated]**	saliva
1;3;4	**p[ô]ds / p[ô]sd**	flatten (nose, face), destroy (town)
1;3;4	**p[ô]hr[*è*] ['r' accentuated]**	bewitch
1;3;4	p[ô]khA	hack (plank); open (belly; medicine)
1;3;4	**p[ô]khA**	hack, open (med) [IE = English '**op**en'?]
1;3;4	p[ô]khA / p[a?]khA	plank (for the deck of a ship, [[plaque] of stone) [IE = English 'plank'; Spanish: 'plancha'?]
1;3;4	**P[ô]kr / P[ô]k[*è*]**	Poker District (Sacred 'Tree District' of Abydos)
1;3;4	**p[ô]n*a* / p[ô]n[*è*] / p[o]n[a]**	turn, put upside down (to)
1;3;4	**p[ô]nq**	empty [water from a boat; French 'puiser', 'écopper']
1;3;4	**p[ô]q[*è*]r ['q' accentuated]**	tree
1;3;4	**p[ô]rkh / p[ô]rsh**	blossom [of flower], unfurl, stretch, open
1;3;4	**p[ô]rtch / p[ô]rdj**	divide, share, leave
1;3;4	**p[ô]s[*è*]kh ['s' accentuated]**	fall
1;3;4	**p[ô]s[*è*]sh / p[ô]z[*è*]sh / p[ô]sh{è} ['s' accentuated]**	divide, share [IE = English '**sha**re'?]
1;3;4	**p[ô]skh**	mess, embarass
1;3;4	**p[ô]z[*è*]H / p[ô]s[*è*]H / p[ô]Hs**	bite
1;3;4	**pr[é]sh**	minium, red ochre
1;3;4	**Pr[i]m**	Qasr Ibrim [lit. [I]brim]
1;3;4	**ps[i]dj / ps[i]dj[*è*] ['dj' accentuated]**	nine
1;3;4	ps[i]dj[*è*] ['dj' accentuated]	Ennead [lit. [(The) Nine (Ones)]
1;3;4	**Pt[a]h**	Ptah
1;3;4	**q[a]Hq[*è*]H**	mine workers [lit. [stone] hammerers/beaters]
1;3;4	**q[*è*]r[ô]r ['q' accentuated]**	cavern, cave
1;3;4	**q[ô]bH**	tendon
1;3;4	**q[ô]df**	pluck, gather
1;3;4	**q[o]dï / q[o]d[*è*] ['d' accentuated by duplication]**	go around, surround; circulate, walk (have a); to look back [+ pronoun]; return
1;3;4	**q[ô]fd**	pluck
1;3;4	**q[ô]ldj**	bend, fold
1;3;4	**q[ô]lH**	beat; knock (at the door)
1;3;4	**q[o]mï**	borough (or similar)
1;3;4	**q[o]mï / qAmæ/ q[o]mA**	gum [IE = French: ‘gomme’]
1;3;4	**q[ô]n[*è*]f / q[ô]f[*è*]n [metathesis]**	bake (to)
1;3;4	**q[ô]næ**	sheave (to), sheaves (to make)
1;3;4	**q[ô]nd**	angry, furious (to become)
1;3;4	**q[ô]rsh**	flatter
1;3;4	**q[ô]rsh / q[ô]rsh[*è*]**	brake [IE = French ‘casser’]
1;3;4	**q{[ô]w}r[*è*] [‘r’ accentuated] / q{Au}r[*è*] q{*ō*}rï / q{o}r[*è*] / g{[ô]w}r[*è*] [‘r’ accentuated]**	carrier; gold extractor [IE = English 'carrier']
1;3;4	**qbH[ô]**	cool, fresh; cool, refresh (to be)
1;3;4	**ql[ô]m**	crown (of king) [IE? = English 'crown', French ‘couronne’?]
1;3;4	**qr[a]r**	necklace; pellets, balls, drops
1;3;4	**qr[i]r / gl[i]l/ glïl**	holocaust[; sacrifice]
1;3;4	qr[o]s/ql{[o]w]s	yellow [IE = English 'yellow'?]
1;3;4	**qr[oo]r[*è*] ['r' accentuated]**	cloud [IE = 'cloud' English]; storm
1;3;4	**qr*a* / q[a]r / g[a]l**	shield

1;3;4	**r[a]ït[*è*]**	parents; family
1;3;4	**r[a]ms**	boat
1;3;4	**r[a]st[*è*] / r[a]stï**	tomorrow
1;3;4	**r[é]sï**	South (the, as country); meridional, southern
1;3;4	**R[i]bw[*è*]}**	Lybians
1;3;4	**r[ô]hd[*è*] ['d' accentuated]**	cauldron
1;3;4	**r[ō]ï**	straw
1;3;4	**r[ô]kH / r[ô]qH**	burn, burn up, light [IE = English: '**ro**ast'?]
1;3;4	**r[ô]kh[*è*] ['kh' accentuated]**	wash [clothes]
1;3;4	r[ô]kht	list [IE = English 'rooster'?]
1;3;4	**r[o]m[*è*]tch Plur.: rm[è]tch[ô]w[*è*]**	man. Plural: men, people
1;3;4	**r[o]np[*è*] ['p' accentuated]**	year
1;3;4	**r[ô]wdj**	solid
1;3;4	**r[ô]wnï / r[o]n**	virgin
1;3;4	**r{[ô]w}æ / r{Au}[*è*] / r[ô]w*a* / r{[ô]w}[*è*] ['r' accentuated, also by duplication] / r{[ô]w}{ä}**	go away, leave, depart, cede [IE = English 'leave' with shift r to l]; expel, drive off
1;3;4	**rd{o}**	give [IE = French 'donner']
1;3;4	**rh[ô]b**	embers, fire heat, fire ember
1;3;4	**rm[ô]n[*è*] ['n' accentuated]**	support, carrier [of god's statue]; column; bearer
1;3;4	**rs[o]ï / rs[o]**	enclosure [French: 'enclos']
1;3;4	**s[a]dj[*è*] ['dj' accentuated]**	fire; flame
1;3;4	**s[a]fkh**	seven [IE = seven]
1;3;4	**s[a]Hdj[*è*] / s[a]Ht[*è*] ['t' accentuated]**	flame; light
1;3;4	**S[a]khm[*è*] ['m' accentuated]**	Sekhmet
1;3;4	**s[a]kht / s[a]khtï**	weaver (French: 'tisserand') [IE = Latin 'sartor' 'tailor']
1;3;4	**s[é]b[*è*] / z[é]bï / s[é]bï ['b' accentuated]**	reed
1;3;4	**s[è]k[o]r**	tax; levee
1;3;4	**s[*è*]kh[i]r**	plans, thoughts, counsels, projects
1;3;4	**s[*e*]tch[o]æ/ s[*e*]tch[ô]ï / st[o]ï**	smell, perfume; fragrance, stench [IE = 'stench' English]
1;3;4	**s[i]bt**	hill
1;3;4	**s[i]fï**	resin
1;3;4	**s[i]khï**	bitter (to be, to become)
1;3;4	**s[i]khm[*è*] ['m' accentuated]**	image (divine); power (divine)
1;3;4	**s[ô]b[*è*]tch / s[ô]b[*è*] / s[ô]bæ/ s[ô]bï ['b' accentuated]**	laugh
1;3;4	**s[ô]bA**	teach
1;3;4	**s[ô]bH**	leprosy
1;3;4	**s[ô]bn[*è*]**	pleasant, sweet (to make); pleasure making
1;3;4	**s[o]btï / s[o]b{t*è*} / s[o]bt**	wall, rampart [see also
1;3;4	**s[ô]db[*è*] / s[ô]tb[*è*]**	chew; drink
1;3;4	**s[o]dj[*è*] ['dj' accentuated]**	fight
1;3;4	**s[ô]dj[*è*]d ['dj' accentuated]**	speak [lit. 'cause to say']; tell, talk; recount [IE = English '**sa**y?]
1;3;4	**s[ô]dj[*é*]m / sot[*é*]m ['dj' or 't' accentuated]**	hear, listen
1;3;4	s[ô]fkh	detach, untie, loosen, release
1;3;4	**s[ô]g[*è*]n / s[ô]gAn ['g' accentuated + 'n' long by duplication] / s[o]g[*è*]n / s[o]k[*è*]n / z[o]k[*è*]n /s[o]gn**	unguent [sweetener? Lit. 'causer to be sweet'], oil, ointment [IE = French '**ong**uent']
1;3;4	**s[ô]Ħb / s[ô]Ħp / s[ô]khb**	swallow
1;3;4	**s[ô]Hdj[*è*] ['dj' accentuated]**	light
1;3;4	**s[ô]Hn[*è*]**	organize; equip; also as noun: provisions; dispositions; agreement
1;3;4	**s[ô]Hr**	repel, send afar; [sweep?]
1;3;4	**s[ô]ït**	glory
1;3;4	**s[ô]nH / z[ô]nH / z{n[ô]w}H**	bind; chain

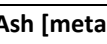
1;3;4	**s[ô]nq**	suck; suckle (breast feed) [IE = English 'suck']
1;3;4	**s[ô]ntch / s[ô]ntï / s[ô]nt**	found
1;3;4	**S[ô]pd[*è*] [‘d’ accentuated]**	Sirius (star) = 11th month of the year
1;3;4	s[ô]pr	pray, supplicate (French 'supplier']
1;3;4	**s[ô]rm**	loose oneself
1;3;4	**s[ô]shd / s[ô]sht**	window
1;3;4	**s[ô]tch[*è*] / s[ô]tï [‘tch’ or ‘t’ accentuated]**	sow [IE = English 'sow'?]
1;3;4	**s[ô]tchA / sAt[*è*] [‘tch’ or ‘t’ accentuated]**	arura measure (from  *st̲3.t ʒḥ.t* 'arura" (lit. field measure')
1;3;4	**s[ô]tchA / s[ô]tA**	spin [wool]; weave
1;3;4	**s[ô]tf**	poor; decant [a liquid] (med.)
1;3;4	**s[ô]tp**	choose, pick out
1;3;4	**S[ô]tsh[*è*?] / S{[ô]w}tï / S{[ô]w}{t*è*}**	Seth
1;3;4	**s{[ô]w}H[*è*] [‘H’ accentuated]**	egg [IE = Armenian ‘ձու’ 'dzou']
1;3;4	**s{[ô]w}n or s[ô]w[*è*]n / s[o]wn [‘w’ accentuated]**	know of something (to) [be aware (to)?]
1;3;4	**s{n[ô]w} /sn[ô]**	two
1;3;4	Sb[ô]g? / Sb[ô]k? **/ S[*è*]wg[é]**	Mercury [planet] [i.e., the ‘[x] star’ or something the like]
1;3;4	**sbkh[*è*] [‘kh’ accentuated]**	Shield
1;3;4	**sd[è]m [sm[é]d?] /**	make up (for eyes) [French = 'fard']
1;3;4	**sgAb / sg[a]p / sk[a]p**	scream (also as n.)
1;3;4	sh[a]hb	wind - hot [and dry], hot dry wind [IE = French: 'chaud'?]
1;3;4	sh[a]ms[*è*] [‘s’ accentuated]	servant; partisan [, follower]; retainer
1;3;4	**sh[*è*]{n{ô]w} ['sh' accentuated]**	silo; barn, granary, storeroom
1;3;4	**sh[*è*]ndj{[ô]w} /** sh[*è*]ndï or sh[*è*]nd{Au}? ['sh' accentuated]	kilt (particularly of the king; French = 'pagne'); loin cloth
1;3;4	**sh[i]p[*è*]**	shame (have)
1;3;4	**sh[i]r{è}**	pod of acacia; flower?
1;3;4	**sh[ô]bn**	mingle [; join?]
1;3;4	**sh[ô]d**	cushion (in leather) [IE = English 'cushion'?]
1;3;4	**sh[ô]dj[*è*] ['dj' accentuated] / sh[ô]d[*è*]**	flour; dough
1;3;4	**sh[o]djï**	Hero
1;3;4	sh[ô]fd	grab; catch [French: 'poignée']
1;3;4	sh[ô]gn[è]n ['n' accentuated]	fight; [lit. 'hit'?] [IE = English: 'shock'?]
1;3;4	**sh[ō]k*a* [long 'o']**	hit, hammer, crush; wound; damage [; shock] [IE = English: 'shock']
1;3;4	**sh[ô]ms[*è*]**	serve; follow; conduct, bring
1;3;4	**sh[ô]n*a***	send back; detain
1;3;4	**sh[ô]nd / sh[ô]ndï**	weave (nates); plait, twine, entwine
1;3;4	**sh[o]ndj[*è*] / sh[o]ntï ['dj' or 't' accentuated]**	acacia of the Nile, Nile acacia (*Acacia nilotica* L.)
1;3;4	**sh[ō]p / sh[o]p**	take possession of, seizing (enemies) [IE = French 'chopper'?]
1;3;4	**sh[ô]p[*è*] [‘s’ long by duplication?]**	cucumber (*Citrullus vulgaris* L.)
1;3;4	**sh[ô]ræ / sh[ô]r{è}**	bar, stop, block [French: 'barrer'] [IE = English 'b**ar**'?]
1;3;4	**sh[ô]rt / sh[o]rt**	clothes
1;3;4	**sh[o]sA / z[o]s{Au}**	antelope, bubalis
1;3;4	**sh[ô]sm / s[ô]shm{t*è*}**	enflamed (be) [be angry?]
1;3;4	**Sh{[ô]w}[é]b[*è*] / shAwAb[*è*] ['b' accentuated]**	persea tree [*Mimusops laurifolia*]
1;3;4	**Sh{*õ*} / sh*a***	sand [IE = English '**sa**nd']
1;3;4	**shAnf[*è*] ['f' accentuated]**	scale (of fish)
1;3;4	**shb[i]n**	grain; wheat = *šbn* [Kyphi ingredient indet.]
1;3;4	**shb[o]b[*è*] ['b' accentuated]**	throat [IE = English: 'throat']; tracheid-artery, gullet, oesophagus; tube
1;3;4	**shl[a]H**	fear (for oneself of...)
1;3;4	**shl[é]l**	pray; prayer, lamentation (n.)

1;3;4	**shl[i]t**	Forked
1;3;4	**shl[ô]f**	shame; ugly; hair standing on head
1;3;4	**shl[o]l**	people; family [IE = English 'people'?]
1;3;4	**shm[ô]m / khm[ô]m**	warm up, become hot
1;3;4	**shm[ô]m / khm[ô]m / sHm[ô]m**	warm up, hot (be or become)
1;3;4	**shm[ô]w / shm[ô]w[*è*]**	post (French: 'poteau'); stake
1;3;4	**shp[o]n**	woman of good quality (adj.) [lit. 'excellent [one] from]
1;3;4	**sht[a]t[*è*] ['t' accentuated]**	hem; edge (of clothe)
1;3;4	**sht[*è*]q[o] ['t' accentuated]**	Prison
1;3;4	sht[ô]b	cage (for chicken)
1;3;4	**sk[a]r / ska**	hit; wound [; scar] (n.) [IE - English: 'scar']
1;3;4	**sk[é]r**	sail [IE = English 'sail'?]
1;3;4	**sk[i]m**	greying of hair ; balding
1;3;4	sk[ô]m / zk[ô]m	grey (to go; of hair) ; to grow old; to grow wise
1;3;4	sk[ô]r	hit, strike [IE = English: '**scor**e'?]; step out; present
1;3;4	**Sk{Au}/**	plough, cultivate
1;3;4	**sm[a]H**	Branch
1;3;4	**sm[i]n[*è*] [‘n’ accentuated]**	establish [lit. cause to remain], make firm, make endure
1;3;4	**sm[o]t**	Form
1;3;4	**sm[oo]n[*è*] ['n' accentuated] /zm[oo]n[*è*]**	goose (of some kind [Nile goose])?
1;3;4	**sn[ô]dj / sn[ô]d**	afraid (to be), fear (to)
1;3;4	**sn[ô]f / snm[ô]f /s{n[ô]w}f /sn[oo]f /**	year past, last year
1;3;4	**sntch[*è*] / snt[*è*] ['tch' or 't' accentuated] / sntï**	foundation; foundation walls; ceilings; plan
1;3;4	**sp[a]t**	lip [put with 'fringe, edge, etc...in TLA but a distinct word as revealed by Coptic]
1;3;4	**sp[i]r / zp[i]r**	Rib
1;3;4	sq[ô]b[*è*] / sq[ô]b[*è* ['b' elongated by duplication] / zq[ô]b[*è*]	cool [with water?] [IE = English '**co**ol'?]
1;3;4	**sr[i]d /** sArtïsAltï?	glean [French 'glaner']
1;3;4	sw[ô]n?	sell, trade, buy (to) [exchange, or swap?]
1;3;4	**t[a]ïm[*è*] ['m' accentuated]**	protect; protection (n.)
1;3;4	**t[*é*]bs ['t' accentuated]**	Heel
1;3;4	**t[*è*]pn[*è*] [accentuation by duplication]**	cumin [*Cuminum cyminum* L.]
1;3;4	**t[ô]b[*è*]s / d[ô]b[*è*]s ['b' accentuated]**	sting, prick, pierce (to)
1;3;4	**t[ô]Hs**	Anoint
1;3;4	**t[ô]ït**	Lament
1;3;4	**t[ô]kA**	flame, torch, candle, fire
1;3;4	**t[ô]kA**	Throw
1;3;4	**t[ô]kh [accentuation by reduplication] / tkhï**	disturb; be disturbed; confuse
1;3;4	**t[ô]kh[*è*]b / t[ô]Ħ[*è*]b**	dip; wet, moisten; irrigate
1;3;4	**t[ô]kn**	quick (to be)
1;3;4	**t[ô]ks**	pierce [torture?]
1;3;4	**t[ô]lg**	Untie
1;3;4	**t[ô]m[*è*]s**	Bury
1;3;4	**t[o]mm / t[o]m**	close (to, the mouth)
1;3;4	**t[ô]p{ä} / t[ô]p**	sow [French: 'coudre'], stitch
1;3;4	**t{[ô]w}t** [t{[ô]}t?]	similar (be); correspond (to something); sufficient (to be). correspond (to)
1;3;4	**t{[ô]w}t[*è*] ['t' accentuated]**	assemble; be assembled
1;3;4	**t[{*ō*}w][é] / t{[ô]w}[é]**	sandals in pair; two sandals
1;3;4	**tch[a]tch / dj[a]dj /** Plur: tch{[ô]w[*è*]? [plural by reduplication?]	Sparrow
1;3;4	**tch[é]kA**	Dyer
1;3;4	**tch[*è*]r[é]r / t[*è*]l[é]l [‹tch› or ‹t› accentuated]**	delight in, rejoice of [IE = English: cheer?]

1;3;4	**tch[é]tf**	jug type to measure beer: Tchétef
1;3;4	**tch[ô]n? / tch[ô]næ / t[ô]n?**	where? From where?
1;3;4	**Tch[ô]r[*è*] / t[o]r[*è*]**	Willow
1;3;4	**tch[ô]r[è]m** tch[ô]rm[è]?	wink, blink
1;3;4	**tch[ô]rp**	stagger, stumble [French: tituber]
1;3;4	**tch[ô]z / tch[o]s**	lift, erect, rise; raise, levy (troops)
1;3;4	**Tch{[ô]w}rH**	mock; deride; offensive (be)
1;3;4	**tchAm[*è*] / djAm*a* / dj[*è*]mA [‹tch› or ‹dj› accentuated]**	Djamé (locality between Medinet Abu and Deir el Medina)
1;3;4	**tchn[ô]f / tchn[ô]fï / djn[ô]f**	bag; purse
1;3;4	**tk[ô]r**	quick (be), hasten, hurry
1;3;4	**tk[ô]r tk[ô]r!**	quick quick! [IE = Armenian 'shoud shoud / shoushoud']
1;3;4	**tn[o]m**	Furrow
1;3;4	**tr[a]n**	tin [IE? = French 'Etain']
1;3;4	**tw[o]ttw[ô]tï**	statue, image, idol
1;3;4	w[a]gA	wheat (compared to beaten enemies) (threshed or beaten wheat?)
1;3;4	**w[a]H{o} /**	lack; miss; escape
1;3;4	**w[a]HA**	oasis [IE = English 'oasis' - borrowing from AE]
1;3;4	**w[a]khr / w[a]kh[*è*]r**	carpenter's work shop
1;3;4	**w[a]skh / w[a]sh[*è*] ['sh' accentuated]**	large [as width], width, breadth
1;3;4	**w[a]tf[*è*] ['f' accentuated]**	Hole
1;3;4	**w[é]r{t*è*} ['t' accentuated]**	rose [IE = Armenian վարդ 'vart' - also found in Arabic and other Semitic languages]
1;3;4	**w[é]t[*è*] ['t' accentuated]**	lightning; fire
1;3;4	**w[ô]bA / w[ô]b{*ō*} /w[ô]bA**	parvis, open court (of temple)
1;3;4	**w[ô]db / w[ô]d[*è*]b ['d' accentuated]**	return; direct [task]
1;3;4	**w[ô]dH / w[ô]tH**	pour out (liquid)
1;3;4	**w[ô]djA**	safe (be); saved (be), healed; healthy (be); whole, intact (to be)
1;3;4	**w[ō]dj*a* ['ô' or 'dj' accentuated]**	divide, separate; cut; judge [IE = English 'judge']; appoint
1;3;4	**w[ô]djï /** w[o]d{*ō*)? **/ w[o]ï{t*è*}**	stelae; tomb stone; boundary or commemorative stone or stelae. Derived from 𓏏𓅱𓏤 *wḏ* 'order'.
1;3;4	**w[ô]dn / w[ô]d[*è*]n ['d' accentuated]**	offering making, make an offering; offer (to)
1;3;4	**w[o]fA / w[o]f ï / w[o]f[*è*] ['f' accentuated]**	lung
1;3;4	**w[ô]ft**	bore through, pierce
1;3;4	w[ô]gæ ('g' accentuated?)	Chew
1;3;4	**w[ô]gï ('g' accentuated)**	jaw (lower), lower jaw [lit. '[the one] of chewing]
1;3;4	**w[ô]gp ('g' accentuated)**	destroy, crush; pound
1;3;4	**w[ô]gs**	disembowel, cut open, gut
1;3;4	**w[ô]H*a***	fisherman; bird breeder, fowler (French: 'oiseleur')
1;3;4	**w[ô]H*a***	interpret, explain (dream); untie, loosen
1;3;4	**w[ô]H*a***	Scorpion
1;3;4	**w[ô]Hm / w[o]Hm**	repeat
1;3;4	**w[o]ï*a* [pronounced 'wo{ey}*a*']**	peasant [lit. harvester?]
1;3;4	**w[ô]ïn / w[o]nï [metathesis] / w[o]ïn**	light
1;3;4	**w[ô]khA / w[o]khA / w[o]kh[*è*]**	wish, want; find, seek [IE = English: 'wish']
1;3;4	**w[ô]n[*è*]w[ô]næ /**	pass; hurry
1;3;4	**w[ô]ndj**	hold (of a boat)
1;3;4	**w[ô]nm / w[o]m**	eat [IE = Armenian: ուտել 'oudel'?]
1;3;4	**w[ô]nsh / w[ô]nsht[*è*] [with probable accentuation to indicate feminine]**	wolf; jackal-wolf [IE = English 'wolf']
1;3;4	**w[ô]rsh / w[o]sh *w{ô}rsh?**	time spend; pass time; watch (over someone) [IE = English 'watch']
1;3;4	**w[ô]s[*è*]r ['s' accentuated]**	oar [IE = English 'oar']
1;3;4	**w[ô]sh[*è*]m**	porridge making or similar; stir

1;3;4	**w[ô]sh*a* / w[o]sh**	consume, devour; chew; utter
1;3;4	**w[ô]shb**	answer; defend; be responsible for, [in charge]; answer (n.)
1;3;4	**w[ô]shd / w[ô]sht**	worship, venerate, adore [IE = English 'worship']; address, greet; question
1;3;4	**w[ô]skh**	large, wide, broad (be)
1;3;4	**w[ô]sr / w[ô]sA / wAsæ / w[ô]s[*è*] ['s' accentuated]**	saw [IE = French 'scier'?]
1;3;4	**w[ô]tn / w[ô]t[*è*]n ['t' accentuated]**	pierce [French: 'transpercer'], break through
1;3;4	**w[ô]zf**	lazy (be); late (be); neglect; idle (be)
1;3;4	**wb[ô]kh**	shine; clear, bright (be); brighten (to)
1;3;4	**wdj[a]H / wt[a]H**	Fruit
1;3;4	**wdj[ô]H / wt[ô]H**	fruit; bear fruit [IE = English 'fruit'?]= *wṯḥ* also 'mature [i.e. fruiting](Demotic)
1;3;4	**wH[ô]r[*è*] / wH[o]r / wHAr[*è*] ['r' accentuated]**	bitch (female; French 'chienne')
1;3;4	**wm[o]t**	wall fortified; fortification [lit. thick [building, wall, etc..]
1;3;4	**wm[ô]t**	thick (to be ; said of beer, etc..)
1;3;4	**wn[ô]f / wn[o]f**	rejoice; glad (be)
1;3;4	**wn{[ô]w}**	hour [IE = English 'hour]
1;3;4	wr[a]s	head rest
1;3;4	**wr[é]H**	ground to build
1;3;4	**wz[i]sh / wsh**	urinate
1;3;4	**z[ē]pï/ s[è]p[*è*] ['p' accentuated]**	Remainder
1;3;4	z[ô]ftch	cut throat, throat cut, slaughter, make a scrifice
1;3;4	**z[ô]hm / s[ô]hm**	pound
1;3;4	**z[ô]khï**	deaf [man or woman]
1;3;4	z[ô]khn[*è*] ['n' accentuated]	occur, happen (by chance); fall on; find; retrieve [clear semantic derivation]
1;3;4	**z[o]sh[*è*]n /z[o]sh[*è*]n ['sh' accentuated by duplication] / s[o]sh[*è*]n**	lotus flower
1;3;4	**z[ô]shA /s[ô]h /z[ô]hA**	write
1;3;4	**z{[ô]w}r / z{[ô]w}ræ / s{[ô]w}r**	drink
1;3;4	**z{Au} / s{Au} / s{ô}**	beam, baulk
1;3;4	**zn[ō]f / sn[ô]f**	blood [IE = English 'bl**oo**d'?]
1;3;4?	æn[a?]H	frame of an image; border
1;3;4?	æp[è] ['p' accentuated?]	number
1;3;4?	n[é]b[*è*]t? [reading uncertain for lack of indicative elements or Coptic equivalent - the 't' is likely to have been pronounced however]	mistress
1;4;5	[*è*]mt{[o]w}k	you (m.sing)
1;4;5	[*è*]mt{[o]w}t	you (f.sing)
1;4;5	**[*e*]nt[ô]tch[*è*]n / [*e*]nt[ô]t[*è*]n / [*e*]mtot[*è*]n**	you (pron. 2nd plur.)
1;4;5	**[*E*]rn{[ô]w}t[*è*] ['n' accentuated by duplication]**	Renenutet
1;4;5	**[*e*]sh{*ō*}tï / [*e*]sh{*ō*}tï / [*e*]sh{*ō*}t**	trader, merchant, shopkeeper [IE = French: 'échoppier'?]
1;4;5	[*e*]wp{[ô]w]}t / {è}p{[ô]w}{t*è*} / [*e*]p{[ô]w}{t*è*}	messenger, commissar, mission bearer [IE = French 'd**éputé**']
1;4;5	{[Oo]}s[i]r[i]? /**{[Ô]w}sAr[*è*]**	Osiris
1;4;5	{m*è*}ïr[é]h or m{*õ*}r?	spear, lance
1;4;5	**{m*è*}shp[ô]n[*è*] ['n' accentuated]**	scab, scabies
1;4;5	***ab*a*b*[ō] [long 'o']**	boast [IE = English 'boast']
1;4;5	**Aby[é]n**	poor, unhappy
1;4;5	**æn[ô]nk** æn[oo]nk?	conyza? (*Erigeron viscosum* L.)
1;4;5	**Æn{[ô]w}p [stylistic grouping] *Æn[oo]p**	Anubis
1;4;5	**Æs[oo]sæ** Æs[ô]sæ?	Isesi (name of pharaoh - Vth dyn. and 11th?) = Æsôsæ
1;4;5	**Æsh{[ô]w}r**	Assyrian

1;4;5	**Ar{[ô]w}ï**	stem
1;4;5	**Atp{[ô]w} / Atp{Au}?Atchp{[ô]w}**	burden, load
1;4;5	**Atr[i]m**	clover (English: French: Trefle) [*Trifolium* sp?' related to '*Bersim*' = clover in Arabic?]
1;4;5	**b[a]sbs / bAsbs / pAsbs**	bird (duck or geese; type of bird unidentified (*Oxura leucocepha*?)
1;4;5	b[*è*]nb[i]n? / **b[*è*]rb[i]r**	stone which is sharp - sharp stone? [meaning uncertain]
1;4;5	**b[*è*]sh{[ô]w]sh**	*?X = Ruta graveolens*
1;4;5	b[ô]nb[*è*]n ['b' accentuated]	run (of Nile stream) [French 'couler']
1;4;5	**d[a]Htï / dj[a]Htï / {t*è*}H**	lead (French: 'plomb') [IE = English 'lead'?]
1;4;5	**d[ô]nm[*è*]** [accentuated 'm' by duplication]	dirty; be dirty [see also *ḏḥm*]
1;4;5	dj[a]djræ / dj[a]djï [first 'dj' accentuated]	strange, foreign
1;4;5	**dj[ô]fdj[*è*]f ['dj' accentuated]**	burn (enemies)
1;4;5	**g[ô]mg[*è*]m / k[ô]mk[*è*]m**	touch, feel (the arms of a beloved)
1;4;5	**h[ô]bh[*è*]b**	crush (with the foot) [; trample], tread; traverse
1;4;5	**H[ô]z[*è*]mn / H[ô]s[*è*]mn /H[o]s[*è*]mn**	natron
1;4;5	**H{[ô]w}r*a***	loot; make a spoil, rob [IE = English '**ro**b']
1;4;5	**H{[ô]w}t[*è*]f**	steal (someone or something)
1;4;5	**Hl[o]lï**	obscurity
1;4;5	**Hr{[ô]w}t**	press (for wine, etc..)
1;4;5	**k[a]HkH / q[a]Hq[a]H**	cut, mould; hammer
1;4;5	**k[o]sk*[è]*s [second 'k' accentuated] /g[o]sg*[è]*s**	dance; dancer (n.)
1;4;5	**k[ô]tk[*è*]t [second 'k' accentuated] / k[o]djkd[*è*]j**	cut; brake], rather than 'hit' (the neck of th ox) [IE = English 'cut']
1;4;5	**kAn[è]m / g[ô]n[è]m**	blind (be or make); obscure (be)
1;4;5	**kh[a]ftæ / kh[a]ft[*è*?] / kh[a]ft{è} / kh[a]ftA / kh[a]ftï**	enemy, opponent
1;4;5	**kh[ô]bkh[*è*]b ['b' accentuated]**	cut or derivate meanings]: kill; crush, slay (an enemy); enter (a door - semantic shift?)
1;4;5	**kh[ô]ïkhï**	equalize; make equal; make correspond
1;4;5	kh[ô]mkh[*è*]m ['*è*' accentuated]	crush? [in the preparation of the fruits of Christ's Thorn (*Ziziphus spina-Christi* = *nbs*)]
1;4;5	**kh[ô]nms** = **khn{[ô]w}s**	mosquito [IE = Armenian 'motzak' or similar?]
1;4;5	**l[a]gnt**	Stove
1;4;5	**m[a]H*a*i / m[a]H[*è*] ['H' accentuated]**	flax, linen
1;4;5	**m[a]kHA**	head back, occiput
1;4;5	**m[a]sdjr / m[a]sdj**	ear; handle
1;4;5	**m[a]t[*è*]gt[*è*] ['t' accentuated]**	army; military camps
1;4;5	**m[*è*]nt{[ô]w} / [e]nt{[ô]w}**	them (pron.; French: 'eux', 'elles')
1;4;5	**m[o]n{*õ*}**	educator [litt. 'one of nurturing' = 'nurturer']
1;4;5	**m[ô]nm[*è*]n ['m' accentuated]**	move, displace, shift (to) [IE? = English 'move']
1;4;5	**mHw[a]n**	dovecote; farmyard?
1;4;5	**ms[i]{*â*}**	nurse
1;4;5	**n[a]htï**	believe, trust
1;4;5	**n[a]pn[*è*] ['n' accentuated]**	seed of wheat [cereal seed?]
1;4;5	**n[a]præ / n[a]pï / næpæ / {n[ô]}pæ**	wheat
1;4;5	**n[*è*]hn[ô]h** n[è]hn[oo]h? **/ n[è]hn[ô]hA**	shake, agitate
1;4;5	N[è]hsï	southerner, man of the south (also man of Punt); Nubia
1;4;5	**n[i]khtæ**	giant
1;4;5	**n[ô]Hzï**	awake [oneself] up; wake up [someone]; awake (be)
1;4;5	**n{[ô]w}q[*è*]r**	scissor
1;4;5	**p[a]H{*õ*}**	hinder, behind; stern
1;4;5	**p[a]Htï / p[a]Ht[*è*] ['t' accentuated]**	strength
1;4;5	**p[ô]tpt / p[o]tp[*è*]t**	trample, fall over, walk over (a path)
1;4;5	**q[{oo]}ndjw**	vessel, great plate

1;4;5	**q[a]Hq[*è*]H [‘q’ accentuated]**	hammer
1;4;5	q[ô]nqn	brake; beat [; fight?] [IE = French '**co**n**c**asser'?]
1;4;5	**q{[ô]w}pr[*è*] /** q{oo}pr[è]? **[‘r’ accentuated]**	Henna (*Lawsonia inermis* L.)
1;4;5	**qb{*ō*}**	wind, fresh; [ventilated?]
1;4;5	**qb{*ō*} /qb[ô]b / qb[ô]H /qb{[ô]w}**	wind (fresh)
1;4;5	**r[ô]faï / r[ô]f[*è*]**	vacillate
1;4;5	**r[ô]shr[*è*]sh ['r' accentuated]**	rejoice [prosper?; IE = English 'rejoice'?]
1;4;5	**r{[ô]w}hA**	evening [lit. 'towards [the] night' or better 'entrance/mouth of night']
1;4;5	**r{[ô]w}shA**	care for
1;4;5	**s[ô]b[*è*]t or s[ô]b[*è*] ['b' accentuated]**	circumcise? (word seen in a circumcision scene)
1;4;5	s[ô]ks[*è*]k ['s' accentuated]	light (to; a place)
1;4;5	**s[o]ntch[*è*]r / s[o]nt[*è*]r / s[o]nt[*è*]ræ ['tch' or 't' accentuated]**	scent [rather than 'incense' [IE = Latin '**sentire**', French 'senteur']
1;4;5	**s[ô]pdj[è] / s[ô]pd[*è*] ['dj' or 'd' accentuated / elongated, the latter with or without duplication]**	prepare, make ready, equip
1;4;5	**sdb[a]H**	tools, equipment, accessories
1;4;5	**sdw[ô]n / swt[o]n [metathesis]**	spread, spread oneself; extend
1;4;5	**sgr[ô]H [g accentuated] / zgr[ô]H**	calm
1;4;5	**shAb[ô]d / shAb[ô]d[*è*] ['d' accentuated] / shAb[ô]dï**	stick
1;4;5	**shAn[a]sh / ShAnAsh**	putrid, brackish, smelly (said of water)
1;4;5	shmsh[i]m	hemp [*Cannabis sativa* L. according to Germer, Flora 23; but sesame?]
1;4;5	**sHw[ô]r**	curse, damn, vilify, reproach
1;4;5	**ssh{[ô]w}A/s{[ô]w}Ash [metathesis]**	glorify; venerate [; boast?]. Related to  'be estimated; be powerful; be honoured'
1;4;5	**st[a]tr**	stater
1;4;5	**t[a]bt[*è*]b / d[a]bd[*è*]b?**	tongue moving (in mouth) [chew?]; move
1;4;5	**t[ô]mAm**	sack, wheat bag
1;4;5	**tch{[ô]w}fï / tch{[ô]w}f**	papyrus flowers; papyrus marsh [*Cyperus papyrus* L.] [IE = link with 'tchoufa' used for *Cyperus esculentus* L. in Spain?]
1;4;5	**w[è]rshï**	guard (lit. 'the one who is on watch') [IE = English 'watcher']; keeper of the daily watch (TLA)
1;4;5	w[o?]nsh*a*	wolf [IE = English 'wolf'?]
1;4;5	w[ô]nsh{è}	wolf-dog
1;4;5	w[ô]sh[*è*]btï / w[ô]sh[*è*]btchæ/sh{[o]w}[*è*]btï / shAbtï	woshebti, ushabti, shabti [lit. '[the one] of answering / responsible / in charge]
1;4;5	**w[ô]shw[*è*]sh [‘w’ accentuated]**	brake, beat (harvest), strike; destroy,
1;4;5	**w[ô]stch[*è*]n / w[ô]st[*è*]n / w[ô]sd[*è*]n ['tch', 't' or 'd' accentuated]**	walk freely, stride unhindered
1;4;5	**w*a*r[é]{t*è*} ['t' accentuated]**	Decan [of the] Leg / Leg Decan
1;4;5	**w*a*r[é]{t*è*} ['t' accentuated]**	leg
1;4;5	**w*a*r[é]{t*è*} ['t' accentuated]**	Leg Branch [of the Nile]; water spread (in Netherworld)
1;4;5	**z[a]n[*è*]Hm / sAn[è]Hm ['n' accentuated]**	locust, grasshopper
1;4;5?	**h[*è*]b[*è*]n[o]ï ['h' and ‘b’ accentuated]**	ebony (*Dalbergia melanoxylon*) [if genitive *y/i* than '*hbny*' may refer to a geographical area]
1;4;5?	M[a?]skA / æm[a?]sk{Au}	leather, hide [IE = Armenian մաշկ ‘mashk’]
1;5;6	[*è*]mt{[o]w}t*e*n	you (plural)
1;5;6	{m*è*}dj[a]Htï	mortar?] stone [material of some kind]
1;5;6	**{ä}y{*ō*}r**	deer [stag] [IE: Word with a Celtic phonology/origin?]
1;5;6	**Am{[o]w}l[a]dj**	owl [IE = English 'owl']
1;5;6	**DjAnïr[o]**	branch [?]
1;5;6	**DjH{[ô]w}tï / DH{[ô]w}tï / DHot / THot**	Thoth (lit. He/the one from DjHôt) [probably a locality]
1;5;6	**Ħ[a]libsh[*è*] ['sh' accentuated]**	Armour

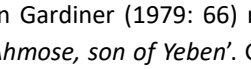
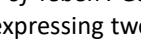
1;5;6	**H[a]ntAs**	Lizard
1;5;6	**Hbrb[ô]r**	prostrate oneself, crawl [lit. to lie flat, to go down]
1;5;6	**Hïr[é]nA**	Eirene (i.e. 'Greek: Εἰρήνη, Eirēnē, [eːréːnɛː], lit. "Peace")
1;5;6	**Hl*a*[i]l*a***	swim
1;5;6	**r[a]khtï**	washerman (French: 'blanchisseur')
1;5;6	**R*a*k[ô]dï / ['d' accentuated]**	Alexandria
1;5;6	**s[*è*]nt[a]ks**	syntax
1;5;6	**sh-l[oo]l{[ô]w}l/ [ô]sh-l[oo]l{[ô]w}l**	shout [lit. cause to [make some] screams of joy] [IE = English: 'jubilate']
1;5;6	**shq[*è*]lq[i]l**	bell-little, tinkle bell (French: 'clochette') [IE = English: 'tinkle'?]
1;5;6	w[ô]djwAdj?wAdjwAdj?	green (make; French: 'verdir'); green (be); herbs; vegetables (n.)
1;5;6?	æH{[ô]w}tï	field worker [lit. he of the field]
1;6;7	**{m*è*}s{[ô]w}bw[*è*] ['w' accentuated]**	needle?], an object in metal
1;6;7	**djAHïr[o]{t*è*} / dj{o}r{t*è*}?**	recipient of some kind
1;6;7	**Hr{[o]w}mïs**	Roman
1;6;7	**K[*è*]ôwrk[i]s/ K{[ô]w}rk[io?]s**	Georgios
1;6;7	m*a*ktï[o]r	tower of fortress [= Hebrew 'migdol' 'tower']
1;7;8	**Am{[o]w}nï*a*k** [Amonï*a*k?]	ammoniac
1;9;10	**m{*õ*}rkAb{[ô]w}{t*è*}/m*a*rkAb{[ô]w}{t*è*}**	chariot of war
1;9;10	**Qlæ{[ô]w}pAdrA**	Cleopatra
2;2;4?	**[æ]n[é]H[*è*] ['H' accentuated]**	eternity [IE = English 'eternity'?]
2;3;4	**H[i]m[*è*]{[ô]w} / H[i]m{[*è*]oo} / H[i]nï**	rudder [IE = English 'helm'?]
2;3;5	**[a]mr[é]H[*è*]**	pitch [; asphalt]
2;3;5	**ash[i]r[a]***	chameleon [*reconstructed form proposed by Vycichl]
2;3;5	**H[a]k[i]{n[ô]w}**	mint oil?; *ḥknw* oil (one of the sacred 'Seven Oils') [lit. 'the glorified [oil/one]' from *ḥkn* 'celebrate; glorify; jubilate']
2;3;5	H[a]sr[o]	Hasro (necropolis of Hermopolis)
2;3;5	**kh[a]n[oo]fï**	Nile carp? (*Barbus bynni*) Arab: 'bunni'.
2;3;5	**l[a]b[o] / r[a]b{*õ*}**	lioness; bear [IE = Latin 'leo', English 'lion'?]
2;3;5	**p[a]p[o]ï**	chick
2;3;5	s[oo?]s[i]m	horse
2;3;5	**sh[a]m[a]r**	fennel (*Foeniculum vulgare* L.)
2;4;6	**[a]mHr[é]r[*è*] ['r' accentuated]**	scarab
2;4;6	**Andj[i]r[i]** Andj[i]r[*è*]?	beans (similar to lentils) unidentified?
2;4;6	**g[a]m{[ô]w}l**	Camel
2;4;6	**g[i]ng[i]n / dj[i]ndj[i]n**	salad rocket? (*Eruca sativa*?)
2;4;6	**H[a]fl[*ē*]l[*è*]**	lizard
2;4;6	**H[ô]r[é]H[*è*]r ['H' accentuated] / H[ô]r[é]kh[*è*]**	guard, keep [IE = English: 'guard'? French: 'guarder'?]
2;4;6	**k[i]nm{[ô]w} / k[i]nm[oo]tï**	star of some kind mentioned in designation of constellations (Pleiades?); TLA states ' der Finstere (Stern)' for *knmty*.
2;4;6	**l[a]ndj[a]p**	pitch
2;4;6	**mn[o]n[ô]n**	bitumen, pitch; resin
2;4;6	n[ô]gn[ô]g	cry, [shriek] (of the goose or of the falcon [sic])
2;4;6	**n[ô]n[ô]shm**	spleen [French 'rate']
2;4;6	**q[a]pq[i]p**	ant
2;4;6	**q[a]r[a]Ht[*é*] ['t' accentuated] /qAr[a]Ht[*é*]**	pot, bowl, jug [and similar containers] [IE = French 'carafe'?]
2;4;6	**s{[ô]w}s{[ô]w}** [or s{[ô]w} accentuation by duplication?]	bring (verb employed while speaking of the god's food)
2;4;6	**w[a]Hw[a]H**	bark (of a dog)
2;5;7	**m{[ô]w}H[*è*]r[*é*]r /** mwH[*è*]r[è]r?	scarab
3;3;6	**[a]d[é]sh[i]r**	flamingo (*Phoenicopterus roseus*)

3;3;6	**q[a]r[a]H[é]**	Goddess, primordial; serpent spirit [TLA]
3;3;6	w[a]n[ô]m[*è*] ['n' accentuated?]	gangrene? (product of the decomposition of a swollen body part)
3;4;7	**k[*è*]rp[*è*]s[i]**	purple [linen; the dye, French 'pourpre' = ?] (Linen of the Greek town of Carpasia)
3;4;7	**q[a]sh[a]b[*è*]r**	earring
3;4;7	**q[ô]q[ô]p[a]t /q[oo]q[oo]p[a]t /**	hoopoe? (bird) [IE = hoopoe? Name present in many IE, S or other languages]
3;4;7	**Tch[a]k[i]n[a]sh**	Takinash
3;4;7	**W[a]ï[a]n[i]n**	Greek [IE = Armenian 'հույն' 'Houyn']

APPENDIX 1. Expression of vowels in the Ancient Egyptian hieroglyphic script

Egyptology commonly assumes[39] that the Ancient Egyptian hieroglyphic script does not show vowels. However, beside the use of digraphs/diphthongs, vowels are in fact sometime plainly written using a variety of 'semi-vowels' signs.

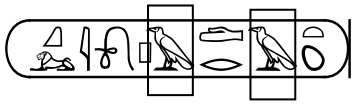
The use of to express 'a' types of vowels

We have shown p. 14 that *ꜣ* is a phoneme close to Coptic **ϵ** and IPA ɛ: In the third edition of his *Egyptian Grammar*, Sir Alan Gardiner (1979: 66) refers to the sentence  and transliterates it *ʿIḥ-ms sꜣ ʿIbn*, translating it as '*Ahmose, son of Yeben*'. Gardiner's transliteration of *ʿIʿbn* as 'Yeben', is erroneous as  *ʾIbꜣnꜣ*' is clearly written. The two *ꜣ* expressing two 'vowels', as is often the case for foreign names (see above 'Foreign terms', p. 34 to 39). Where the opening '*ʾI*' is concerned Gardiner states himself in an observation made page 59 that: '

'The sign originally represented consonantal (semi-vocalic) y, but at the beginning of some words it seems to have possessed a value indistinguishable from ꜣ, hence it is transliterated ỉ'.

Not 'indistinguishable', but as explained in Table 3 'Semi-consonants/semi-vowels' (p. 14), *i* and *ꜣ* are indeed phonologically close. Hence *ʾIbꜣnꜣ* was vocalised something close to *'ÆbAnA*', which may be simplified to a more understandable 'Ébana' with Latin letters, even though phonologically approximate.

The author has not looked for the earliest date by which the vowels of foreign terms were expressed in the hieroglyphic script with semi-vowels, but this practice continued well into Ptolemaic and Roman times. The cartouche name of Cleopatra being the most famous example as part of the history of decipherment of the hieroglyphic script. There again the two different Greek vowels 'a' of Cleopatra's name, i.e ά and α of Κλεοπάτρα - are expressed with two *ꜣ*:

 [40] = *Ḳlỉwpꜣdrꜣ.t* = Klæ{**[ô]w**}p**A**drA = Κλεοπά**τρα** = Cleop**a**tr**a**

Every single vowel is in fact expressed in this cartouche which is to be read 'Kl**æ[{ô}w]**p**A**dr**A**'. With the <u>four Greek vowels</u> **ε**, **o**, **ά** and **α** of her name <u>fully written</u>. Even though one of the *ꜣ* does not perfectly express the long Greek ά, nor the lasso [{ô}w] the full open Greek o.

Following the same logic, 'Ptolemy', ie Πτολεμαίος should have been be written:

**Ptwlꜣmꜣyws*

which would be read 'Pt**[{ô}w]**l**A**m**Ay[{ô}w]**s'. But the hieroglyphic combination adopted by Egyptians to write Ptolemy names was usually *Ptwlmys*[41].

[42] *Ptwlmys* = 'Pt**{[ô]w}**l[e]m**[a]**y**[o]**s'

A possible reason for this is that with such full writing as recreated above a digraph *ỉy* appears, possibly leading to confusion in how to read the name.

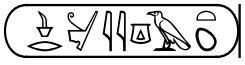
[39] See the footnotes at the beginning of the dictionary.

[40] Beckerath, J. (von) 1999 *Handbuch der Ägyptischen Königsnamen*. Philip von Zabern: 245 (E2)

[41] The author is unaware of alternative writings of the name of Ptolemy where one of the vowels is written.

[42] Beckerath, J. (von) 1999: 235 (E)

Whereas for Berenike, i.e. Βερενίκη in Greek, 𓄡 *ɜ* reappears at the end of the name to express the Greek Eta η, which in Classical Greek stood for a long open-mid front unrounded vowel e equal to IPA: [ɛː].

 *Brnygɜ.t* =ʿB**[e]**r**[e]**nïg**A**ʾ = Βερενίκη = Berenike

This is also the case for another Greek name we have already seen, i.e.

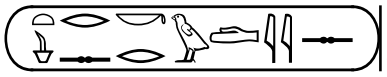
ḥyrnɜ.t {: Hïr[é]n**A** i.e., 'Greek: Εἰρήνη, Eirēn**ē**, [eːréːnɛː], lit. "Peace" = ⲉⲓⲣⲏⲛⲉ ⲉⲓⲣⲏⲛⲉ.

The use of 𓄡 / 𓐍 to express 'o' types of vowels

Ancient Egyptians had an alternative way to express a vowel 'o', by using signs which included an invisible long 'ô' before a glide 'w'. Hence either by using:

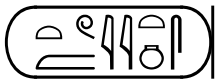
- The chick 𓄡 or the spiral 𓐍 signs, i.e. *w* already discussed on page 54 and which as was explained to express a complex {**[ô]w}** type of sound.

Confirmation of the vocalisation of 𓄡 as **{[ô]w}** can be further demonstrated with emperor Claudius's name:

 [43] *tbrs krwdys* = T[i]b[e]r[io]s Kr{**[ô]w}**dy[o]s = Κλ**αύ**διος (Claudios) = Cl**au**dius

Without resituating and vocalizing the invisible [ô] before 𓄡 , the emperor's name is simply unpronounceable. Note that the scribe could have used the digraph *ɜw* but preferred the compound sound **{[ô]w}.** Such choices possibly depended on the degree of proficiency of the scribe. Alternative writings of the name could exhibit *ɜw*.

The very same applies to the name of emperor Domitian, ie Δομιτιανός (D**o**mitian**o**s)in Greek

 [44] *ṯmwytnws* =T{**[o]w}**m[e]yt[ia]n{**[o]w}**s = Δομιτιανός (D**o**mitian**o**s) = Domitianus

The sign 𓏏, ie *nw* was also vocalised **n**{**[ô]w}**, which the author is not aware has so far been understood, and the phonology of which shall now be detailed.

The use of 𓏏 to express 'o' types of vowels

The consonantal phonemes of 𓏏 *nw* (Gardiner sign W24), meaning 'vessel' are known from the initial full writings of the word, i.e 𓈖𓏏𓄡 or 𓏏𓄡 *nw* 'vessel' (see Gardiner: 530), where the phonetic value of 𓏏 *nw* is confirmed by 'n' expressed by either 𓈖 (Gardiner U19) or 𓈖, i.e. *n* and the glide 'w' by 𓄡 i.e *w* and where, reciprocally, 𓏏 *nw* is a complimentary sign confirming the overall consonantal reading *nw* of the term.

If the consonantal part of this compound sound is written, just like for 𓄡 an invisible long vowel '**ô'** is not. This long **ô** is situated between *n* and *w* and was pronounced when the sign 𓏏 was read. The existence of this invisible long 'o' can not only be inferred from a number of words, but 𓏏 ie **n**{**[ô]w}** was an alternative mean to express the vowel 'o' in words where it was usually hidden as per the rule concerning the non-writing and/or expression of open vowels (see page 44).

[43] Beckerath 1999: 255 (E1).

[44] Beckerath 1999: 257 (E2).

Here are examples:

ỉnn is the standard way of writing independent pronoun ‘we’[45] and has long been equated to be Coptic ⲁⲛⲟⲛ (screenshot from the Wörterbuch/TLA below). This Coptic equivalence giving us hints of where the two vowels ‘a’ and ‘o’ are probably situated in the Ancient Egyptian word, i.e., in fore position for the vowel ‘a’ and after the first consonant ‘n’ for ‘the vowel ‘o’.

Dokument DZA 20.912.130 = Wb 1, 97.5-6

Now is a known alternative writing of i.e. *ỉnn*[46]. The reading of being *ỉnwn* where is found to replace one of the two of . The reason for this substitution and alternative writing is that the scribe wishes to express a type of ‘**o**’ between the two ‘n’ and hence substitutes by as the pronunciation of the sign is to him **n{[ô]w}**. Hence *ỉnwn* was in fact pronounced in Ancient Egyptian something like **æn{[ô]w}n**, phonology very close to its Coptic descendant ⲁⲛⲟⲛ.

The same use of *nw* to express an invisible type of ‘o‘ is found for in an array of words or names listed in this dictionary, or such as for the name of emperor Vespasian (next paragraph).

The use of to express ‘e’ types of vowels

Emperor Vespasian’s name is also found in cartouches. We are extremely fortunate to have two phonetic transliterations of his name in hieroglyphics probably by two different scribes :

47 *wsbȝsyns* ‘W**[e]**sb**A**sy**[a]**n**[o]**s’ = Greek Βεσπασιανός = V**e**spa**si**an**u**s,

where the ‘**a**’ of ‘spa’ is expressed by the *ȝ* of *sbȝ*, and where the ‘e’, second ‘a’ and ‘o’ are invisible.

As well as:

48 *wȝyspsȝynw* ‘W**Ay**sps**A**y**[a]**n**{[ô]w}**’

where the scribe has clearly expressed the vowel ‘**e**’, invisible between the ‘w’ and the ‘s’ in the first cartouche, as *ȝy* /Ay. Unless he means to use digraph **{o}**, to then very clumsily expressing Vespasian’s name, i.e. W**{o}**sps**A**y**[a]**n**{[ô]w}**’. Which is not impossible in view of the needlessly complex and phonetically more distant combination of signs used in his alternative writing, namely *sȝ* / sA to express the vowel ‘a’ of ‘spa’ and *nw* to express the vowel ‘o’ of ‘**o**s’; leaving the ‘a’ of ‘si**a**’ invisible.

[45] See Gardiner, 1979, p. 53)

[46] Gardiner, idem.

[47] Beckerath 1999: 257 (E1 & E2).

[48] Beckerath 1999: 257 (E3).

APPENDIX 2. Use cases of digraphs/diphthongs in Roman and Ptolemaic cartouches defining more precisely the phonology of digraphs *ꜣw*, *ꜣy*, *wy* and *ỉꜣ*

Roman use cases of digraphs = *ꜣw*

While visiting the temple of Esna in September 2022[49], the author noticed a cartouche with the Roman title 'autocrator' on one of the pillars (below)[50]

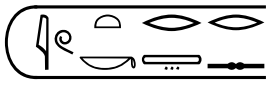
ꜣwtwkrtr = **{Au}**t**{[ô]w}**kr**[á]**t**[ō]**r = αὐτοκράτωρ (autokrátōr)= Autocrator (Esna)

As the Esna cartouche contains a squared aesthetic/artistic arrangement of '*ꜣwtwkrtr*'[51] and moreover some late period signs, for the sake of clarity a more common writing of 'autocrator' in a cartouche is provided below, as found across many temples of Egypt[52].

ꜣwdwgrdr (Karnak) = **{Au}**d**{[ô]w}**gr**[á]**d**[ō]**r = αὐτοκράτωρ (autokrátōr)= Autocrator

The digraph/diphthong '**au**' of '**au**tocrator' is expressed by ***ꜣw***, hence exactly with the digraph/diphthong *ꜣw* presented in this dictionary six years ago and identified to express some sort of mid vowel '**o**', close to IPA **o̜**.

It is known that 'Autocrator' was still pronounced [aʊ̯] in Classic Latin, to later become the monophthong [ɔ] in vulgar Latin. Both IPA phonemes are phonetically close and whichever was intended by the scribe, their phonetic range confirms the author's suggestion, in the first edition of this book, that *ꜣw* was close to IPA mid o̜, as the latter is immediately next to IPA mid [ɔ]. Now because the names of Roman emperors are written in their Greek form in cartouches, as discovered by Champollion in 1822, it is possible that 'autocrator' in this Esna cartouche is meant as Greek αὐτοκράτωρ (autokrátōr) the Greek translation of Latin 'imperator'; the title referring to Augustus. In which case *ꜣw* would be equivalent to Greek αὐ which is equivalent to the above-mentioned IPA diphthong [aʊ̯], and hence *ꜣw* would be close or equivalent to IPA diphthong [aʊ̯]. This seems likely and this is why in this new edition of the dictionary *ꜣw* is expressed as **{Au}** (see Table 5, p. 17). Over one hundred and thirty cartouches recorded solely from the walls of the temple of Karnak contain the word 'autocrator'. The signs used to express the title may slightly differ (a 'd' may replace a 't' for example) but overall, the writing is similar. This is not the case however for two existing cartouches. In the first one from Kom Ombo temple, the scribe replaced the sign *ꜣ* of digraph/diphthong '*ꜣw*' by the reed *ỉ*, hence writing .



[53]

ỉwtkrtꜣrs[54] = **{è}**t**[o]**kr**[a]**t**[o]**r[á]s = αυτοκράτορας (autokrátōrás)= 'Autocrator', ie 'emperor' (Kom Ombo temple)

One could think that is a scribal error substituting a digraph/diphthong for another, ie *ꜣw* for *ỉw*, resulting in '{è}t[o]kr[a]t[o]r[a]s' instead of the expected '{Au}t{[ô]w}kr[a]t[o]r. With the added noticeable difference that in this Kom Ombo cartouche 'autocrator' is clearly expressed in the Greek form, as the ending ς/s of αυτοκράτορα**ς**/'autokrátōra**s**' is fully expressed by .

[49] The author and is wife, Prof. Kerensa Jennings, were travelling on the Dahabieh Adelaide of the Nour el Nil company from Esna to Aswan between September 12th and 17th. It is an hour prior to embarking, while visiting the temple of Esna, that the cartouche was spotted.

[50] 'Autocrator' in a cartouche in Esna temple as seen on September 12th, 2022, just prior boarding the dahabeeyah Adelaide.

[51] The first *w* is set below *ꜣ* to balance the second *w* which is put above it in a squared aesthetic arrangement.

[52] Karnak temple. KIU 1800, 2 (http://sith.huma-num.fr/karnak/1800) Époque romaine / Auguste / Temple d'Opet, Chapelle sous le sanctuaire / Paroi nord. Such cases of 'autocrator' are legions, with 130 cartouches on the temple of Karnak alone. I am grateful to Sébastien Biston-Moulin (Université Paul Valéry, CNRS, MCC) to have taken the unexpected trouble to send me a PDFed list of them.

[53] Beckerath, 1999: 251 (12, 14 & 16).

[54] During the Roman period certain signs are used differently phonetically. This is the case here of *t3* which is used as a simple 't' (see for example Klotz, D. Egyptian Hieroglyphs, in Riggs, C. (ed.) *The Oxford Handbook of Roman Egypt* (2019), Table 34.1., p. 570).

However, a second cartouche (below) shows twice *iw*, first for the '**au**' of '**au**tocr**a**tor' and secondly for the '**a**' of 'cr**a**tor'.

iwdgriwt3rs = **{è}**d[o]kr**{æ}t[o]**r[á]s = αυτοκράτορας (autokrátōras)= 'Autocrator', ie 'emperor'.

So instead of expressing 'autocrator' as **{Au}**d**{[ô]w}**gr**[á]**d**[ō]**r, the scribe intently wrote '**{è}**d[o]kr**{æ}t[o]**r[**a**]s'. This alternative writing seems to be a very late period creation, period during which literacy among priests started to falter. The cartouche seems to have been made for Roman emperor Probus who reigned between AD 276 and 282. What is interesting is that the scribe at the origin of this 'creative' composition chose to use twice the digraph *iw* **{è}**, including once to replace the digraph *ɜw* **{Au}**.

Upon his return in England, the author found further names of Roman emperors using the same digraphs *ɜw* in their cartouches. Those of emperors Marcus 'Aurelius' Commodus and 'Otho' being striking examples, hence:

[55] *ɜwrys* = **{Au}**ry**[o]**s = **Au**ρήλιος (**Au**rélios) = **Au**relius

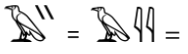
and

[56] *ɜwtnws* = **{Au}**t**{[ô]w]**n**{[o]w}**s = **Ό**θωνος[57] (**Au**thonos) = **O**tho

Finally, a cartouche of Tiberius shows the phoneme **ο** of **ο**ς '**o**s' of the name of Tiberius in Greek, hence Τιβέρι**ο**ς 'Tiberi**o**s', expressed with digraph/diphthongs *ɜw*:

[58] *tybrɜws* = Tch[e]yb[e]r{**Au**}s = Τιβέρι**ο**ς 'Tiberi**o**s' = Tiberius

Pronouncing ***ɜ*** + ***w*** separately does not produce a phoneme close to an '**o**' and does not express the emperor's name, but both signs read together as digraph/diphthong does.

Ptolemaic use case of digraph  [59] ***ɜy***

On September 13th 2002, while visiting the temple of Edfu, a cartouche with another diphthong listed in the dictionary, i.e., *ɜy*, was found to express the '**o**' of the name of queen 'Arsin**o**ë'. As this o is the omicron Greek ó and omicron Greek ó is close to IPA o, it is possible to suggest that the phonetic value of *ɜy* is equal or close to IPA o. IPA mid o̩ was tentatively suggested in the first edition of this dictionary, which was close enough as IPA o̩ is only one step below IPA o on the IPA chart.

ɜrsin{ɜy} = **A**rsæn**{o}[e]** = Αρσινόη (Arsinoe)= Arsinoë (Temple of Edfu[60]).

[55] Beckerath, 1999: 263 (16a).

[56] Beckerath 1999: 257 (E).

[57] Όθων (Othon) Instead of of Όθωνος (Othonos) would have been expected.

[58] Beckerath, 1999: 253 (E4).

[59] This rare writing with *ii* = *y* just above the shoulder of *ɜ* is to be found in a cartouche of emperor Trajan (Beckerath, 1999: 259 (T1).

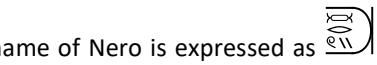
[60] Location of the cartouche of Arsinoe: Edfu temple, sanctuary, right hand side chapel reached from a flight of stairs from the Sun Court, left wall (facing North). Photo of the cartouche by the author closing this book (page 432).

This same digraph, with its alternative writing , had incidentally already appeared in *Gbt3y* {: G[è]bt**{o}** = **κєвтω** to express the 'o' of 'Copt**o**s, the Greek name of this city.

Roman use cases of digraph = =

As this dictionary is updated[61] a use of digraph *wy* is discovered for the name of emperor Nero, in the following cartouche, set above pharaoh's figure on a wall of the temple of Dendera (see photo, page 430):

{3w}tkrt kysrs Nr{wy} = **{Au}**t**[o]**kr**[á]**t**[o]**r K**[a]**ys**[e]**r**[a]**s N**[e]**r**{ō}** = Αυτοκράτορ Καίσαρας Νέρω = **Aut**o**c**r**at**o**r** C**es**a**r** N**er**o

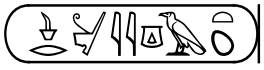
Where the name of Nero is expressed as  *N[62]r{wy}* and where the '**o**' of Ner**o** is written with the variant of digraph (itself a variant of), as presented on page 20 and equivalent to some 'o'.

As Nero is written in Greek Νέρω with a long omega ω, this allows us to tie *wy* with IPA long open-mid back rounded vowel IPA: [ɔː] as this was the pronunciation of omega in Ancient Greek comparable to the "aw" of the English word 'raw'. This also reveals that digraph *3w* and *wy* are very close phonologically.

Needless to say that reading i.e. *Nrwy* with the usual Egyptology transliteration reading convention produces something like 'N[e]rw[e]ï' which, to put it mildly, yet again does not reflect in any way the phonology of Nero's name.

Ptolemaic and Roman use cases of digraph

We have seen above that Berenike could be written as follows:

 *Brnyg3.t* ='B**[e]**r**[e]**nïg**A**' = Βερενίκη = Berenike

As the author closes this book, he discovers in von Beckerath's book the following cartouche, where the invisible vowel 'e' between B**[e]**r is expressed with the digraph/diphthong *i3* expressing the vowel {ä} (see Table 5, p. 17):

[63] *B{i3}rnyg3.t* ='B**{ä}**r**[e]**nïg**A**' = Βερενίκη = Berenike

He also discovers that the usual digraph/diphthong *3w* of '**Au**tocrator' (below)

{3w}dwgrdr (Karnak) = **{Au}**d**{[ô]w}**gr**[á]**d**[ō]**r = αὐτοκράτωρ (autokrátōr)= Autocrator

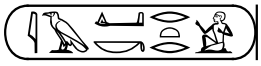
is substituted for digraph *i3* in the cartouche below, which presents an unusual variant writing of 'Autocrator':

---

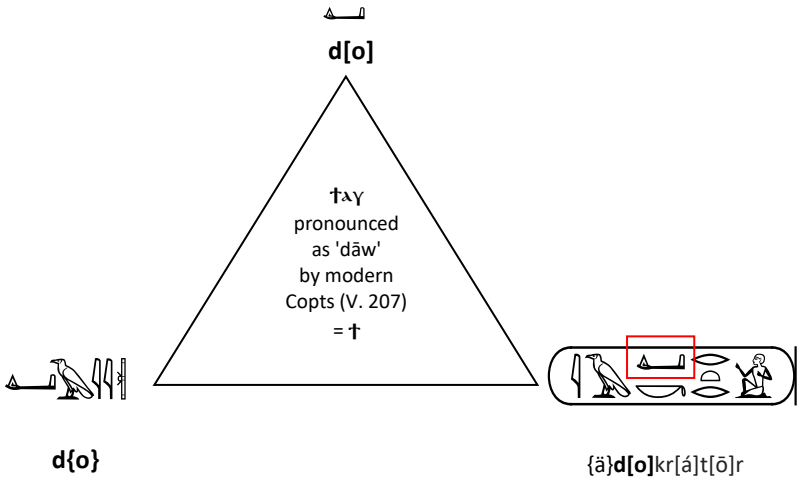
[61] 31/10/2022

[62] , ie Gardiner R24 representing two bows tied together was read 'n' during Ptolemaic and later times (see Kurth, D. *Einführung ins Ptolemäische, Eine Grammatik mit Zeichenliste und Übungsstücken*. Backe Verlag, 2007, p.392. Interestingly an alternative phonetic value of the sign is ***nrt*** which is not without reminding of the consonants in **Ne**r**o** (see Gardiner, 1979, p. 503). This would explain this alternative writing of Nero's name. This writing and/or cartouche is not found in Beckerath (1999:255).

[63] Beckerath 1999: 245 (E).

 [64] *{i3}dkrtr* = **{ä}d[o]**kr**[á]**t**[ō]**r = αὐτοκράτωρ (autokrátōr)= Autocrator

What is again striking is that the scribe used 'give' to express the '**do**/**to**' of 'Au**to**crator', confirming the vocalisation previously obtained for this word in this dictionary (see page 87). The phonetic inter-relation of this sign/word with the above cartouche can be expressed in the following triangular manner:



Where is an alternative writing with digraph/diphthong *3y* of the term 'give'(see page 87). With the difference that expresses the invisible vowel 'o' of , confirming its existence. 'o' also confirmed by the Coptic equivalent word **ϯⲁⲩ** 'give' which expresses the 'o' with a diphthong **ⲁⲩ** which is the exact equivalent of *3y* where signs are concerned, ie = **ⲁ** and = **ⲩ**.

Where the vocalisations of both and allow to resituate the invisible 'o' in the above cartouche where 'Autocrator' is unusually expressed as {ä}**d[o]**kr[á]t[ō]r, with *d* replacing the *d* or *t* usually found to express the '**t**' of 'Au**to**crator'.

The interrelation and equivalence of the two alternative vocalisations of 'give', ie **d[o]** and **d{o}** and their Coptic corresponding term**,** together with the use of this sign in the unusual variant writing of 'Au**to**crator', confirming the validity of the methodology used to vocalize Ancient Egyptian words in this dictionary.

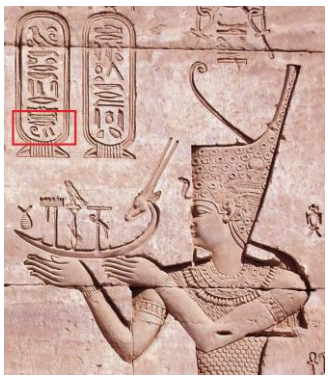


Fig. 5 Cartouche with a rare alternative writing of emperor Nero's name. Temple of Dendera.

[64] Beckerath 1999: 249 (T6).

CONCLUSION

This study shows the existence of digraphs/diphthongs in the Ancient Egyptian script, no less of the sound {[ô]w} to express various types of vowels ‘o’, or that in most cases only one full open vowel is not shown in Ꜣwdwgrdr (Karnak) = **{Au}**d**{[ô]w}**gr[a]d**[ō]**r = αὐτοκράτωρ (autokrátōr)= Autocrator

1. The use of digraph/diphthong ***Ꜣw*/{Au}** to express a long '**o**' or diphthong ‘**au**’, in this case '**au**' in Latin or ' **αὐ** ' in Greek. Hence, in general terms, the use of digraphs/diphthongs in the hieroglyphic script.

2. The use of a glide '**{[o]w}**', in this case to express '**o**' in Latin or Greek.

3. The non-expression, per term, of a single open vowel; here the Greek 'omega' '**ω**'.

Many Egyptian words are alternatively written using one or more of the above three vowel writing systems. This is the case for example for the word ‘salt’ which is expressed alternatively with two different digraphs/diphthongs, or alternatively with **{[o]w}** and twice seemingly with an invisible open vowel ‘o’ which is found in the Coptic equivalent of the word, i.e., ϩⲙⲟⲩ:

ḥm{Ꜣy}ti.t	**HmAïtè**	**Hm{o}{tè}**	
= *ḥmtꜢ.ii.t [ḥmt{Ꜣy}.t]*	**HmtAï**	**Hmt{o}**	
= *ḥmꜢm{wy}ti*	**HmAmwïti**	**HmAm*{ō}*{tè}**	
= *ḥmꜢmwti*	**HmAmwti**	**HmAm[{ô}w]{tè}**	ϩ
= *ḥmꜢmti*	**HmAmti**	**HmAm[o]{tè}**	
= *ḥm* (Demotic) Wb 3, 93.14-94.3	**Hm**	**Hm[o]**	

Or for example in the various scribal variants for the word ‘carrier’ which can be written with three different digraphs/diphthongs or the sound **{[o]w}**.

= k{Ꜣw}r	**qAwr**	**q{Au}r**	
= k{wy}ry	**qwyrï**	**q*{ō}*rï**	
= k{Ꜣy}r Wb 5, 21.9-11	**qAyr**	**q{o}r**	
kwr	**qwr**	**q{[ô]w}r**	

Read with the traditional Egyptology transliteration convention (right and middle column), these alternative writings produce different phonetic pronunciations. Read however with any of the three above-described systems (third column from right), their phonetic vocalisation is unified around a central **‘o’** type of sound - whether expressed by **Au**, ***ō***, **o**, or **ôw,** which may have corresponded to the respective dialects and/or ear of the scribes who wrote them.

As stated at the beginning of this book, the likelihood that when Ancient Egyptians switched from the hieroglyphic to the Coptic alphabet, they also modified their language's phonology to include new diphthongs is highly improbable. The diphthongs ⲁⲩ, ⲁⲓ, ⲉⲓ, ⲏⲓ, ⲟⲓ, ⲱⲓ, etc…, found in the Coptic script, most certainly existed since very remote times. We had not however learnt till now to recognize them, or understood how to read them properly. With the possible exception of the digraph/diphthong *iw* which some scholars figured out should be read as some sort of 'e' - while confessing not knowing why (see footnote 10, page 8). This, perhaps because Egyptologists tend to stick to Egyptology and Coptologists, to Coptic studies.

The revelation of the existence of these digraphs/diphthongs, together with the hidden long '**ô**' found immediately before *w,* or read within *nw,* as well as the rule regulating the non-expression of full vowels, set us on the path of the full vocalisation of Ancient Egyptian and the understanding of the rhymes, assonances, anaphors and wordplays of its poetry. As when is a language more mastered, shall we ask, then when the sense, rhythm and structure of its poetry is properly understood?

Fig. 6 Cartouche bearing emperor Augustus' title and name of 'Autocrator' with a squared aesthetic arrangement of digraph/diphthong *ȝw*.
Temple of Esna. Photo of the author (12.11.22). It is the discovery of this cartouche and the next which further validated the existence of the digraphs/diphthongs discovered in 2013-2014, and prompted the expanded re-edition of this dictionary.

Fig. 7 Cartouche showing an alternative variant writing of Queen Arsinoe's name with ligatured digraph/diphthong *ȝy*
to express the 'o' of her name.
Temple of Edfu. Photo K. Jennings, guided by the author (13.11.22).

This dictionary not only presents for the first time a large corpus of vocalised Ancient Egyptian words, but reveals the unknown presence of various types of vowels in the hieroglyphic script, and how to read them.

Among them are unexpected digraphs/diphthongs – the existence of which have never been understood before now. Originally during the early nineteenth century, the first main steps in the phonetics of the hieroglyphic script were made by Johan David Åkerblad and Thomas Young. These were followed by the subsequent discovery of the base principles of the hieroglyphic system by Jean François Champollion between 1822 and 1828.

The discovery of these previously unrecognised vowels and the principles regulating them open new doors to the vocalisation of the Ancient Egyptian language. They also lay the foundations for the future comprehension of ancient Egyptian texts, poetry in particular, by adding sound to meaning.

This second edition of the dictionary is expanded with twice as many words with digraphs/diphthongs as well as two new appendices. One details further the use of vowels in the hieroglyphic script, and the other presents Ptolemaic and Roman cartouches where the digraphs/diphthongs are unequivocally used to express the names of Ptolemaic rulers and Roman emperors. Thus, providing solid alternative entry points to recognising them and understanding their functioning phonology.

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