



Type: Book Chapter

---

## Appendix D: Index to Egyptian Terms in Egyptian Alphabetical Order of Consonants After Pronouns and Grammatical Morphemes First

Author(s): Brian D. Stubbs

Source: *Exploring the Explanatory Power of Semitic and Egyptian in Uto-Aztecan*

Published: Provo, UT; Grover Publications, 2015

Pages: 411-417

---

## Appendix D: Index to Egyptian Terms in Egyptian Alphabetical Order of Consonants

### After Pronouns and Grammatical Morphemes First (‘ i/y ʕ w b p f m n r h ʃ x h s š q k g t ʔ d d)

Egyptian p’y ‘this, that’ > UA \*pa / \*pī/pī’/pī’i ‘he/she/it, that, 3<sup>rd</sup> person sg’

-i ‘old perfective/stative suffix’ > UA \*-i ‘intransitive, passive, stative suffix’ (116)

-w/iw ‘passive’ > UA \*-i-wa ‘passive’ (117)

-tw ‘passive’ > UA \*-tw ‘passive’ (118)

-ti ‘stative suffix’ > UA \*-ti / -tī ‘adjective, stative suffix’ (119)

i- / -ip ‘plural prefix’ > UA i(C)- ‘plural prefix’ (121)

-pw ‘this/it/he/they, often for emphasis’ > UA \*-pu ‘he/she/it, also used on emphatic pronouns’ (122)

-w ‘masculine plural suffix’ > UA \*-wī / \*-wa (500)

tmmw ‘mankind’ > UA \*tammu ‘we’ (1526)

### ’ (‘aleph / glottal stop)

’wi ‘long, wide’; ’wt ‘length, space’; wti ‘tall, big’ > UA \*otī / \*uta ‘long, tall’ (468)

’xi / i’xi ‘sweep together’ > UA \*wak ‘sweep, comb’; UA \*wok ‘comb, sweep’ (515)

’sx ‘sickle off, mow, harvest, cut off/down’ > UA \*sika / \*siki ‘cut hair, clip, mow’ (444)

’ṭp ‘load (cargo, animal, ship); be heavy-laden’ ( Coptic ootp) > UA \*hitapa ‘carry (heavy load)’ (314)

’ṭp ‘box, case’ > UA \*otapa ‘bedrock mortar’ (460)

### Y/I

i’w ‘old (age/man) > UA \*yo’o ‘old’ (151-2)

i’bty ‘east, left’ (Coptic yebt ‘east’) (\*ya’baty? > \*yo’boty) > UA \*oCpoti ‘left’ (300)

i’rt ‘hair’ > UA \*yul / \*yuwi / \*yuCC; Ls yúu-la ‘hair, head’ (389)

i’dt ‘net’ (Coptic ate) > UA \*yuta ‘rabbit net’ (317)

iʕi ‘to wash, clean’; iwy ‘to water’ > UA \*pa’-iwi ‘get/fetch water’ (pa- ‘water’) (492)

iwn’ ‘2<sup>nd</sup> part of negative’ > wa’ ‘2<sup>nd</sup> part of negative’ (410)

iwyw ‘who ... not, which ... not, one without, a not-haver’ > Kw yuwa’i ‘negative’; Kw yuw-aa-ti ‘negative’ (423)

ib ‘heart’; ib ‘wish, want’; ib-i ‘I want’ > UA pii / iba’ ‘I want’; Tep ibīdaga ‘hear’ (217)

ib’ ‘dance, run’ > \*yab’a/i > UA \*yawa / \*yawi ‘dance’ (296) (bilabial > ø as 1<sup>st</sup> C in cluster)

ip ‘count’ > Cr hihibe ‘read’ (522)

ifdw ‘four’ > UA \*wattiwi ‘four’ (435)

im ‘there’ > UA \*ama(ni) ‘there’ (461)

imi ‘negative verb’ > UA \*im ‘no’ (213)

imi ‘give!’ > UA \*himi ‘give, hand over’ (501)

t’-imnti ‘the west’ > UA \*tīmīnīmīn ‘north, west’ (470)

in / in’ ‘introduces yes-no questions’ (Coptic ene) > ina ‘introduces yes-no questions’ (216)

ini ‘bring, fetch, carry off, buy’ > Hopi ini ‘contents in container’; in-ta ‘go along carrying in a container’ (512)

inqt ‘net’ > UA \*ikkaC / \*iCkaC ‘carrying net’ (384)

ir ‘do, make’ > UA \*yara ‘do, make’ (214)

irp ‘wine’ > UA \*iyaapi ‘wild grape’ (414)

irtyw ‘blue’ > UA \*tayawi > \*tīyawi / \*tīyowi ‘blue/green’ (307)

irtt ‘milk’ (Coptic eroote) > UA \*rīti / \*rīci ‘milk’ (306)

ixr/xr ‘by, through, with, under’ > UA \*ikar ‘with, using (instrumental)’ (246)

isnwi ‘testicles’ (initial vowel and s in a cluster lost, leaving nwi) > UA \*noyo ‘egg, testicle’ (1524)

ishb ‘jackal, fox’ > UA \*isap / \*isa’apa ‘coyote’ (391)

isq ‘linger, wait for’ ( s lost in cluster, \*isqV > \*iska > \*ika) > UA \*ika / \*ikī ‘remain, be in a place, let lie’ (525)

išdd ‘sweat’ > UA \*pa-sura ‘sweat’ (308)

iqr ‘skillful, excellent, capable, intelligent’ > UA \*yikar ‘knowing, intelligent’ (219)

itrw ‘river’ > UA \*pa-tiwa / tawi ‘river’ (309)

iṭ’ ‘take, carry, steal’ (> Coptic oj ‘thief’) > UA \*itu’i > i’tu ‘to steal, take’ (157)

iṭi ‘take, carry off, rob’ > UA \*īci ‘steal, take’ (158)

iṭṭ ‘fly up’ > UA \*yītti / \*yotti ‘jump, fly’ (215)

### ʕ

ʕ’ ‘here, there’ > Wr i’wá ‘here’ (495)

ʕʕ ‘shake’ > UA \*wiwi-puku ‘tremble’ (481)

ʕbxn ‘frog’ (\*wapkan) > UA \*wakaN-ta > \*wakatta ‘frog’ (bilabial > ø as 1<sup>st</sup> C in cluster) (298)

ʕnr(t) ‘flint’ > UA \*wi’naC ‘flint, arrowhead’ (426)

ʕnx ‘to live, v, (living) person, n’ > UA \*onka / \*oŋa ‘baby’ (427)

ʕnx ‘to be conscious of’ > UA \*winikaʕ ‘remember’ (428)  
 ʕnxt ‘grain’ > UA \*(w)oʕna ‘corn cob, olote’ (443)  
 ʕnt ‘nail, claw’ (Coptic ine) > UA \*watti ‘claw, fingernail’ (262)  
 ʕrq ‘basket’; ʕrʕr ‘a basket’ > UA \*wari ‘basket’ (161)  
 ʕš ‘many, numerous, much, plentiful’ > UA \*oso ‘more, much, very’ (425)  
 ʕq ‘to enter’, ʕq-w ‘pl’ > UA \*wakuC ‘enter, pl’ (464)

## W

wʕg ‘shout with joy, call out, cry’ > UA \*waʕnki ‘shout’; NP waʕagi ‘shout’ (483)  
 wʕt ‘road, way’ > Hp waala ‘gap, pass, saddle in ridge’ (\*w > Hp l) (514)  
 wiʕ ‘ward off, protect’ > Hp wayoŋ- ‘protection’; Hp wayoŋ-ni ‘windbreak’ (516)  
 win ‘thrust aside, push away, set aside’ > UA \*wina ‘throw down/out, spill, empty’ (136)  
 wpi ‘open, part, separate, divide’ > UA \*wopa ‘divide in two, cut in half’ (519)  
 wʕ ‘lungs’ (Coptic wof) > UA \*wopaN-s ‘lungs’ (282)  
 wn ‘be, exist’ > UA \*wini ‘stand, stop, be’ (1256)  
 wnm ‘eat’ > UA \*winiimi ‘dance, dancer in harvest ceremony’ (226)  
 wnx ‘be clothed, cloth, clothing’ > \*wanaC ‘cloth, clothing’ (222)  
 wnxyt ‘clothing’ > UA \*waCkay(la) ‘clothing, shirt’ (223)  
 wnš ‘jackal’; Coptic: woonš ‘wolf’; wnšt ‘female jackal’; wnšiw ‘jackal’ > UA \*wancio / wocia ‘fox’ (129)  
 wr ‘great, big, much, many’; wrw ‘the greatest’ > UA \*wir ‘big, much, many’; UA \*wirwiru ‘big’ (221)  
 wr ‘reed flute’ > UA \*wiru ‘play a reed flute’ (347)  
 wr(t) ʕqʕw ‘buzzard, great (of) magic’ > \*wirhukuN ‘buzzard, turkey vulture’ (381)  
 whi ‘escape, miss, fail’ > UA wahi ‘throw out’, wehe ‘spill out’ (469)  
 wʕjʕ ‘hew (stone), break (stone)’ > Hopi waho(-k-) ‘for particulate matter to spill’ (186)  
 wʕjm ‘repeat, do again’ > UA \*omV ‘two’ (490)  
 wxʕ ‘seek, desire’ > UA \*wiʕwa / \*waʕwa ‘seek, want’ (288)  
 wxʕti ‘pair of sandals’ > UA \*wakaC- ‘shoe’ (482)  
 wxd ‘be painful, suffer, endure’; wxdt ‘pain’ > UA \*okoti ‘be in pain, suffer, sorrow’ (224)  
 wxs ‘broad, wide’ > Sr wiša ‘be wide’ (504)  
 wt / wtʕ ‘wrap in, wrap around, bandage, bind’ > UA \*witta ‘tie, wrap’ (225)  
 wtw ‘welp, pup (of dog, fox)’ > UA \*woci / \*woti ‘dog’ (447)  
 wdn ‘to load, consecrate, basket’ > Hp warani ‘s.th. reserved, saved for future use’ (516)

## B

bʕ ‘buck, ram, soul’; bʕt ‘female of the species’ > UATak \*paʕat ‘bighorn sheep’; Num \*paʕa ‘all living creatures’ (406)  
 bʕq ‘oily’ > UA \*poʕoki ‘fat’ (144)  
 bʕk(t) ‘document’ > UA \*poʕok ‘mark, draw, write, read’ (431)  
 bi ‘no’ > UA \*pi ‘no’ (146)  
 biʕ ‘ore, metal, iron, sky, quartz, mine-products’ > UA \*ka-payu ‘knife’; \*papayuC ‘flint-tipped ceremonial staff’ (465)  
 bit ‘bee’ > UA \*pita ‘bee, wasp’ (141)  
 bik ‘falcon’ > UA \*pik ‘hawk’ (142)  
 bbyʕt ‘region of throat’ > UA \*papi ‘larynx, throat, voice’ (137)  
 bnt ‘harp’ > UA \*pona ‘play music, play drum’ (145)  
 bnty ‘breasts’ > UA \*piCti ‘breast’ (139)  
 bšw ‘spittle, vomit, vomiting’ > UA \*piso- ‘to vomit’ (138)  
 bkʕ ‘pregnant’ > UA \*poka ‘stomach, pregnant’ (143)

## P

pʕy ‘that of, possessive article’; pʕy-i- ‘my s.th.’ > UA \*paʕi ‘have’ (473)  
 su ‘he/it’ + pʕʕt ‘quail’ > su-pʕʕt ‘quail’ > UA \*supaʕawi ‘quail’ (475-6)  
 pʕq ‘a flat thin cake or biscuit’ > Hp piiki ‘wafer bread’ (432)  
 pʕq ‘thin blade, leaf, sheet (of metal)’ > UA pikkaC ‘knife’ (433)  
 pwtʕ / ptr / pty ‘who? what?’ > Tr piri ‘what?’; WMU pu ‘what?’ (315)  
 pxʕ ‘purge, clean’ > UA \*piʕwa ‘clean’ (286)  
 pʕr ‘turn, turn about, revolve, surround, travel around’ > UA \*piʕri-na > \*piyi(na) ‘spin/twist thread, make rope’ (289)  
 pʕr ‘turn, turn about, revolve, surround, travel around’ > -pihiri in Wr tehpihiri ‘whirlwind’ (with tʕ ‘the, f’) (292)  
 pʕrt / pʕrty ‘remedy, prescription’ > UA \*puha ‘supernatural power, medicine, healing power’ (290)  
 pʕr ‘turn, turn about, revolve, surround, travel around’ > UA \*puhaC ‘circle, look around’ (291)  
 pʕrw ‘water’ > UA \*parawa ‘juice, soup, stew’ > UA \*parawa ‘juice, soup, stew’ (491)  
 psi ‘cook’; psw ‘preparation (of food)’ > UA \*poso ‘boil’ (319)  
 ps / pss ‘pot’ > UA \*pasa ‘pot’ (383)

psḥ 'bite, sting' > UA \*upcu 'stinger' (485)  
psš 'mat (made of the psš plant)' > UA \*ha-pīt 'blanket' (402)  
pds 'stamp flat, flatten, beat broad' > Eu pitāsa 'smash, flatten' (293)

## F

f'i 'raise, lift up, carry, support' > UA \*po'i / \*po'iy 'take s.th. away, dispossess' (275)  
f'k 'be bald, shorn' > UA \*piCka / \*piNka 'smooth, bald' (276)  
fnt 'snake, intestinal worm' (Coptic feet) > UA \*-puti 'worm, snake' (278)  
fx 'loose(n), release, etc' > UA \*pu'ta 'loosen, untie' (277)  
ftt / \*ftt 'leap'; fttw 'jumpers' > UA \*putta / \*poci < \*potti 'jump' (279)

## M

m'' / m' 'see, look on', 'look, behold!' > UA \*mī' 'look!', UA \*mahay / \*ma'ay 'see, find' (480)  
m'i 'lion' > UA \*mawiya 'mtn lion' (147)  
m'yt 'sheath, vagina' > UA \*muci or \*muti 'vagina' (235) (cf. mḥyt 'fish' > UA \*muti 'fish')  
m'm' 'dom-palm tree' > UA \*maCwa 'palm tree' (227)  
m'st 'knee' > UA \*ta-mo' 'knee' (ta- 'leg') (484)  
mi 'like'; mity 'similar to' > Sr mitkin 'seem' (228)  
mw 'water' > UA \*muwa / muwi 'wet' (229)  
mn 'to be firm, established, remain, dwell' > \*mana 'put (flat/lying down)'; \*mani 'be put, be, lie' (135)  
mn 'be ill, suffer' > UA \*mana(ya) 'hurt' (230)  
mni' 'arm-and-hand' > UA \*man 'hand' (523)  
msnh 'rotate, turn backwards, turn, turn away' (\*masnVḥ) > UA \*manu 'turn, change' (524)  
mnt 'thigh'; mnty 'thighs, dual' > UA \*macci / \*maCti 'thigh, upper leg' (301)  
mri 'want, wish, love'; mr 'canal' > UA \*mīri 'run, flow'; UA \*mīra 'future marker' (231-2)  
mhr / mhi 'milk-jar' > UA \*mu'i 'milk' (193)  
mht 'insect' > UA \*matta / \*maCti 'tick' (437)  
mḥi 'drown, inundate, be in water'; mḥt 'swamp'; mḥtiw 'marsh dwellers' > UA \*muCta 'sink, be in water/liquid' (233)  
mḥyt 'fish (collective), literally: swimmers' > UA \*muti 'fish' (234)  
mḥr 'low-lying land' > UA \*muira 'be deep, of water' (236)  
msi 'bear, give birth, be born, create' (Coptic mas 'child'); mst 'mother'; ms 'creator' > UA \*masi 'father' (237)  
mx' 'make fast, tie, bind' > UA \*maḡo'i- 'bag, bind, wrap, blanket' (1402)

## N

n'yt 'weaving' > UA \*nawi 'apron, skirt' (442)  
nyw (of, belonging to, pl possessions) > Ktn niw 'possession, belongings' (313)  
nṣi 'travel, traverse' or nwi 'come' > UA \*nawa / \*nawi / \*noi 'go, come, move' (239)  
nṣw 'serpent' (perhaps from Egyptian nṣi 'traverse') UA as if from nṣiw > UA \*nuyua 'snake' (240)  
nṣw 'to mate, pair up' > UA \*nawi 'together with, accompany' (438)  
nw 'see' > Tr no- 'observe, look at' (424)  
nw 'be weak (due to age)' > Hp naawa-ta 'groan, moan' (518)  
nwx 'burn, singe, scorch, cook' > UA \*nook 'roast (meat)' (173)  
nb 'any, every, all' (Coptic nim) > UA \*napi 'all, every' (241)  
nb 'lord, master, owner' > UA \*pohi-napi 'chief, i.e., medicine/magic-owner' (242)  
nb 'flame, burn' > UA \*napi 'fire' (243)  
nm 'kife', p'-nm 'the-knife' > UA \*panomi 'knife, iron, tool' (466)  
nmi 'travel, traverse, pass through' > UA \*nīmi 'walk around, live' (126)  
nmi 'travel, traverse, pass through' > UA \*nīmi 'Indian, one who lives walking around (hunting/gathering)' (127)  
nmi 'travel, traverse, pass through' > UA \*nami 'cross (river), traverse (an area, etc.)' (128)  
nms 'to clothe with the head-cloth' > \*noma / \*nama 'cover' (441)  
nny 'be weary, inert' > UA \*nina 'bad, useless' (429)  
nhp 'copulate' > UA \*na'pa 'join/be together, copulate' (192) see also 506  
nhsi 'wake up' > UA \*niC 'wake up'; TO niḥhim 'wake up' (s > TO h) (212)  
nhb 'to harness, yoke animals' > UA \*noC / \*noCop 'carry on back' (189)  
nhbt 'neck, nape of neck' > UA \*nohopi / \*nopi 'arm, hand' (188)  
nhbt 'neck, nape of neck' > UA \*no'piC 'house' (190)  
nhm 'take away, carry off, save, rescue' (Coptic nuuhm) > Tak \*nuḡu 'hold, carry'; SUA \*nuk 'carry, take' (369)  
nxx 'be/grow old' / nxn 'child, youth' > UA \*nakana 'grow' (244)  
nxt 'strong, stiff, hard' (Coptic nuušt) > \*nokat 'upper arm' (336)  
nk 'copulate' > UA \*naka / \*naki 'copulate'; \*naki 'want, like, love' (409)  
ngg 'goose' > UA \*naki 'goose' (395)

## R

rʼ-ib ‘stomach’ > UA \*toʼi ‘stomach’ (337)  
rʼ / rʼw ‘sun’ (Coptic ree) > UA \*tawa ‘sun, day’ (163)  
rwi ‘dance’ > UA \*tawiya / \*tuwiya > \*tuya ‘dance’ (165)  
rwi ‘go away, depart’ > UA \*tawa > \*towa ‘leave, remain, wait’ (166)  
rwt / rwty ‘the outside’ > UA \*tita (< \*tuta) ‘outside’ (471)  
rwd ‘cord, bow-string, sinews’ > UA \*tisa ‘rope’ (167)  
rm ‘fish’, pl: rmw > Tr ramu ‘fish’ (168)  
rmn ‘shoulder, side, half, row of rowers’ > UA \*taman ‘tooth’ (508)  
rmt ‘man’ (Coptic rome, rem- ‘man, one, person’) > UA \*tīmatī / \*rīmatī ‘young man’ (169)  
rn ‘young one, of animals’ > UA \*tana ‘offspring’ (164)  
rkḥ ‘fan into flames, burn, vi, be on fire’ > UA \*taha / \*taka ‘burn’ (450)  
rkḥ ‘fan into flames, burn, vi, be on fire’ > UA \*takwa / \*taxkwa ‘ceremonial official, fire tender’ (451)  
rd ‘foot, leg’ > UA \*tara ‘foot’ (403)  
rdwy ‘feet, dual’ > UA \*taru ‘roadrunner’ (418)  
wr-rdwy ‘great/big/long (of) legs’ > UA \*wiC-taru ‘roadrunner’ (419)  
rdi ‘give, put, grant’ > UA \*tari ‘sell’ (422)  
rdi ‘give, put, grant’ > UA \*tari ‘put’ (474)

## h

hʼy ‘groom, husband’ > UA \*huʼi ‘male member’ (417)  
hʼi ‘come, come and go’ > Wr hoʼi ‘walk’ (509)  
hʼi ‘mourn, wail’ > Wr hoʼkewa ‘tears’ (510)

## ḥ

ḥj ‘back of the head’ > UA \*hooʼo / \*howa ‘back’ (511)  
ḥj ‘behind, around’ > UA \*huwī ‘around’ (370)  
ḥʼti ‘cloak’; ḥʼtyw ‘fine linen’ > -hoʼoti of AYq tahoʼori ‘clothes, clothing’ (503)  
ḥʼdt ‘basket’ > UA \*huCta / \*huCca ‘basket’ (404)  
tʼ-ḥimat ‘the-wife’ (Coptic hime) > UA \*tīhima ‘spouse’ (339)  
tʼ-ḥimat ‘the-wife’; pl ḥmwṯ > UA \*hamut ‘woman’ (340)  
ḥʼʕ / ḥʼʕw ‘body’ > hoḡa ‘body’ (411)  
ḥʼʕi ‘be glad, happy, rejoice’ > UA \*hoḡ > Ls hejča-wu-t ‘cheerful, contented’ (412)  
ḥʼʕʼ ‘boy, child’ > Ls hiḡeʼ-ma-l ‘boy’ (413)  
ḥwʼ ‘foul, putrid, smell offensive, stink’ (Coptic how) > UA \*huʼa / \*huʼi ‘break wind, stink’ (187)  
ḥwi ‘to flow, flood’ > UA \*huwiC ‘canyon, water way’ (387)  
ḥby ‘be / make festival’ > UA \*hupiya ‘sing, song’ (180)  
ḥbs ‘garment, covering’ > UA \*upa ‘wedding robe’ (316)  
ḥpt ‘oar’ > UA \*ipa ‘wooden paddle’ could be from \*hopa (472)  
ḥfd ‘climb, rise’ > UA \*hu(w)at ‘climb, rise’ (346)  
ḥm ‘majesty, king’; ḥmt ‘queen, ruler’s wife’ > Ktn wot ‘chief, male or female, or chief’s wife’ (505)  
ḥmʼ / ḥmʼt ‘salt’ (Coptic hmu) > UA \*omwa > \*oḡwa / \*oḡa ‘salt’ (280)  
ḥn ‘pillar’ > UA \*huna ‘sit up straight’ (416)  
ḥn ‘equip, command, charge s.o. with a task’ > UA \*huna ‘send’ (477-8)  
ḥnt / ḥnw ‘watercourse’ > UA \*hunuC ‘canyon’ (401)  
ḥnn ‘penis’ > UA \*hun ‘penis’ (415)  
ḥnqt ‘beer’ > UA \*hunaka: Hp hoonāqa ‘drunkard, drinking habit’; Hp honaq-kīyi ‘alcoholic drink’ (181)  
ḥntʼsw ‘lizard’ (Coptic anḡus) > UA \*-hoto- ‘lizard’ (185)  
ḥrrt ‘flower’ > UA \*huya ‘bud, branch’ (457)  
ḥti ‘smoke, vapor, cloudiness’ > UA \*uci / \*uti ‘dew, vapor, frost’ (397)  
ḥtp ‘be gracious, at peace, set (of sun), pacify’ > UA \*huCpi ‘peaceable, behave well, sink, go down’ (182-4)  
tʼ-ḥḏt ‘the-white’ a phrase for ‘white’ > \*tosa ‘white’; Wr toʼosa ‘white’ (494)

## X

xʼyt ‘slaughter, carnage’ > UA \*koʼya ‘fight, kill pl objects’ (178-9)  
xʼm ‘bow, bend, bend (arm), bow down’ > UA \*koʼom / \*kom(a) ‘bend, carry in arms’ (176)  
xʼm ‘bow, bend, bend (arm), bow down’ > UA \*koʼom ‘down, low’ (177)  
xpx ‘rob’ > UA \*kīpīk ‘take, grasp’ (320)  
xps ‘foreleg, thigh’ (Coptic šopš) > UA \*kapsi ‘thigh’ (294)  
xpd ‘buttock’ > UA \*kupta ‘buttocks’ (295)  
xpdw ‘buttocks’ > NP hopoto / UA \*hupito ‘back, buttocks’ (371)

xfty(w) ‘enemies’ > UA \*kaytu ‘enemy, opponent’ (486)  
 xnm ‘inhale, smell, enjoy, eat (food)’ > UA \*kuCma/i / \*kunmi (Kaufman) ‘chew, nibble’ (302)  
 xnm ‘inhale, smell, enjoy, eat (food)’ > UA \*kaNmu / \*kanmī (Kaufman) ‘jackrabbit’ (463)  
 xnm ‘inhale, smell, enjoy, eat (food)’ > UA \*kaNma / \*kamma / \*kanma (Kaufman) ‘taste, have a taste like’ (303)  
 xnm ‘inhale, smell, enjoy, eat (food)’ > UA \*kaCma ‘cheeks, mouth’ (304)  
 xnt ‘face, n; in front of, prep’ > Tbr kota ‘face’ (245)  
 xr ‘fall’ > UA \*kuri ‘fall’ (247)  
 xr ‘speak to, say’ > UA \*kara ‘belch, croak, ring, play music’ (248)  
 xt ‘fire’ > UA \*kut ‘fire’ (452-4)  
 xt ‘wood, stick, tree’ > UA \*kut ‘tree, wood, firewood’ (489)  
 xđw / xddw ‘fish(es), coll. pl’ > UA \*kīcu ‘fish’ (365-6)

## **h**

h̄sq ‘shave, shear’ > Hp h̄ewi ‘scrape out, scrape clean’ (341)  
 hp̄s ‘chew’ > UA \*hiwa ‘taste’ (299)

## **S**

s’ ‘son’; s’t ‘daughter’ > UA \*piso’o ‘child, boy, children’ (153)  
 s’ ‘maggot’ > UA \*sa’wa / \*si’a ‘louse’ (310)  
 s’w ‘break (to pieces), demolish’ > UA \*si’u ‘break to pieces’ (399)  
 s’xmw ‘species of bat’ > UA \*so’o- in UA \*so’o-paCti ‘bat’ (249)  
 sin ‘clay’, sint ‘clay seal’; t’-sint > Ca tésnat ‘clay for pottery’ (520)  
 s̄y ‘tremble’ > UA \*sowa (< \*sawa) ‘shake’ (250)  
 s̄y’ ‘tremble’ > UA \*sawiya ‘fear’ (251)  
 s̄r ‘thorn bush(es), thorny undergrowth’ > UA \*sawaro ‘saguaro cactus’ (400)  
 swn ‘suffer, experience/recognize, open’ > UA \*suna ‘heart, core, inside, suffer, be sad/poor, escape’ (218)  
 swr ‘fish, sp.’ > CN šowil-in ‘catfish’ (455)  
 sw̄h ‘loincloth, apron’ > Wr sa’wela ‘loincloth’ (338)  
 sw̄h̄ty / s̄h̄ty ‘fish, sp.’ > Wr so’ci ‘fish’ (456)  
 sb’ ‘star, door’ > UA \*sipo’ / \*si’po ‘star’ (154)  
 sb’ ‘star, door’ > UA \*pu’u ‘door’ (154)  
 sbr ‘wine’ > UA \*sīpi ‘berry tree’ (405)  
 sbq ‘calf of leg’ > UA \*sipika ‘lower leg’ (132)  
 sobek < \*subak ‘crocodile’ > UA \*supak ‘crocodile’ (115)  
 sbty ‘enclosure’; Coptic sobt ‘wall, fence’ > Yq s̄apti ‘fence of branches’ (133)  
 sp’ ‘centipede’ > UA \*ma-siwa ‘centipede’ (\*sipwa > siwa, bilabial > ø as 1<sup>st</sup> C in cluster) (297)  
 spr ‘rib’; (Coptic spir ‘rib’) > UA \*-sisve- in Cp amsisve-l ‘rib’ (252)  
 spd ‘sharp, sharp-pointed’ > UA \*sipaC ‘point’ (253)  
 sm’ ‘lung’ > UA \*somwo ‘lung’ (281)  
 sm’ ‘lung’ > UA \*sumaC ‘breathe’ (436)  
 sm’ ‘unite, put together’ > UA \*sīma’ / \*sīmī’ ‘one’ (496)  
 sm̄h̄y ‘flood, drown, sink, vt’ (causative of Egyptian m̄h̄i ‘drown’ at 229) > UA \*sum ‘sink’ (254)  
 smx ‘forget, neglect’ > UA \*suma / \*sumiCa ‘forget’ (318)  
 snw ‘companion, fellow, equal’ > UA \*sīnu ‘another, different’ (130)  
 srqt / s’qt ‘the-scorpion’ > UA \*saka ‘scorpion’ (363)  
 t’-srqt / t’-s’qt ‘the-scorpion’ > UA \*taska ‘scorpion’ (364)  
 sxn / zxn ‘kidney fat, kidney tallow, pancreas’ > UA \*sikun ‘kidney’ (171)  
 (s)x’x ‘hasten, vt’; sxxs ‘run, hurry’; sxti ‘run! hurry!’ > UA \*soko-miya ‘walk’ (459)  
 sxt ‘field, country, pasture, willow’ > UA \*sakat ‘willow’ (174)  
 sxt ‘field, country, pasture, willow’ > UA \*sihī ‘willow’ (174)  
 sh̄r ‘to milk, v’; sh̄rt ‘milking’ > UA \*soyti ‘to milk’ (342)  
 sq’h̄ ‘to whitewash, to mud (s.th.), plaster’ > UA \*sokoC / \*coka ‘earth, mud, plaster’ (448)  
 sqd ‘slope (of pyramid)’ > UA \*sikiC ‘slanted (terrain), side’ (255)  
 st’ ‘warm, heat up’ > UA \*taku-sito’i ‘sweat’ (260)  
 stpt ‘choice things of food’ > sa’pa ‘meat’; \*sa’pi ‘fat’ (256)  
 st̄’ ‘weave, spin (yarn)’ > \*sito of UA \*sitoko’V ‘braid’ (257)  
 st̄’ ‘drag, pull, pull out, draw’ > \*(piC)-sutu’a ‘(behind)-pull, drag’ (258)  
 st̄’ ‘jar, jug’ > UA \*soto’o ‘pot, jar’ (259)  
 sd ‘tail’ (> \*st > Coptic sat/set ‘tail, penis’) > UA/Num \*sari ‘tail’; Hp s̄irī ‘tail’ (261)

## Š

- š 'vegetation, pastureland' > UA \*sawa / \*sakwa 'blue/green' (430)  
šfy 'sand' (Coptic šoo) > UA \*siwal > NUA siwaN 'sand' (162)  
šft / šfyt 'type of bread' > UA \*sawa / \*sawiC 'tortillas, make tortillas' (488)  
šw 'dry, dried' (Coptic šowe) > Tb šuu 'dry, vt' (360)  
šw 'sun, sunlight' > UA \*siw 'hot' (361)  
šwt 'shade, shadow' > CN seewal-li 'shade' (263)  
šm 'go, walk, set out, leave' > UA \*sima 'go, leave' (131)  
šmrt 'bow', pl: šmrwt > \*-samaaloo-t in CN koo-samaaloo-tl 'rainbow' (264)  
šms 'follow, accompany, bring, present' > UA \*samsa 'buy, sell' (265)  
šni 'enclose, cover'; šni 'hair, grass'; šnw 'hair, grass' > UA \*soni / \*sono 'grass, straw, blanket' (266)  
šnbt 'breast' > UA \*sanaC 'breast' (140)  
šndt 'thornbush' > UA \*sacani 'saguaro cactus' (439)

## q

- q'yt 'high ground, hill'; q'i 'tall, high' > UA \*kawi 'mountain, rock' (322-3)  
q'r 'bundle, pocket' > UA \*kawaC 'pocket, bag' (327)  
q'r 'bundle, pocket' > UA \*kawaC 'rat, packrat' (328)  
qbb 'cool, calm, quiet' > UA \*koppa 'quiet, calm' (134)  
qm 'create, beget' > UA \*kumma 'create, make' (283)  
qm 'create, beget' > UA \*kumCa 'husband' (284)  
qm'y 'color' > UA \*ma'ay / \*mayi 'color, be the color of, paint' (393)  
qm'tyw 'enemies, pl', qm' fight' > UA \*kimmaN-(ci) / \*kima'a 'different, enemy' (446)  
qny 'be yellow'; qnit 'a yellow pigment' > Cp kenekene'e-š 'yellow' (331)  
qrrt 'cavern' > Hp koro 'small cavity, cave, or hollow in a cliff or wall' (368)  
qrjt 'serpent, ally, partner' > UA \*koNwa 'snake, twin' (332)  
qq / q'q' 'eat' > UA \*koki 'to graze' (449)  
qd / qdi 'go round, walk about' (Coptic koote); qdd 'sleep' > UA \*katī 'dwell, sit' (329)  
qd / qdi 'go round, use potter's wheel' (Coptic koote); qdd 'sleep' > UA \*koti / \*kuri 'turn, go around, stir, mix' (333)  
qd 'go round, use potter's wheel, pot' (Coptic koote); qdd 'sleep' > UA \*wakoti 'pot' (335)

## K

- k'w 'sycamore figs' > UA \*ku'u / \*kuhu 'elderberry' (324)  
k'p 'close (eyes), cover, hide self, droop (eyebrows)' > UA \*kuppa / \*kuCpa 'close (eyes)' (398)  
k'pt 'linen cover' > Eu kapát 'clothing' (521)  
k'mwt 'ear (or grain)' > UA \*mura 'ear of grain' (392)  
k'nw 'vineyard' > UA \*kunuki 'elderberry' (325)  
kf' 'hinder parts of bird, base, bottom (of jar)' > Cp kəpawə 'hip' (344)  
kfi 'take off, remove' > UA \*kappiwa 'degrain grain from ear' (458)  
km 'black' > UA \*kuma > \*koma 'dark, gray, brown, black' (125)  
kmt 'a jar, n.f.' > CN koma-tl 'vessel, container' (312)  
kns 'pubic region' > Wr kohsi 'anus, vagina' (358)  
kktk 'quiver, v' > UA \*kaci 'tremble, shake' (359)

## G

- g' sing' > UA \*kawa / \*kaa 'sing' (408)  
g'p 'cut' > UA \*kappi 'break, cut' (434)  
g'p 'cut' > UA \*koppi 'break' (435)  
gwn sack' > UA \*kuna 'bag, sack' (330)  
gnn 'weak, loose, limp, sluggish, inert' > Eu kanánki 'lame, limp, maimed' (388)  
gnht 'a star' > SP kaṇa 'morning star' (156)  
gr 'be silent, quiet, still' > Tr kiri 'tranquil, quiet' (353)  
gr / grt 'also, too, further(more)' > Wr gari 'also' (354)  
grh 'night' (Coptic čoorh) > UA \*kī(C)aNwi / \*kīaw 'yesterday' (355)  
grh 'complete, finish off' > Tr gare/kare 'be able, finish'; Wr kahu 'finish, be able' (356)  
t'-ggt 'the-kidney' > UA \*takkiC 'kidney' (357)

## T

- t' 'earth, land, ground, country' (Coptic to) > UA \*tīwa 'sand, dust' (150)  
t' 'be hot' > UA \*tu'i 'hot'; UA \*ta'ta 'hot' (285)  
t'/p'/n' 'the' > UA tV-/pV-/nV- (373-380)

t'yt 'shroud' > UA \*tawayi 'wrap around' (148)  
 twr 'reed' > CN tool-in 'sedgegrass, reeds'; UA \*to'i 'cattail' (267)  
 tbs 'prick, stab, pierce' > UA \*tapusa 'pierce' / \*tupusi 'pierce' (445)  
 tbt/tebt 'fish' (Coptic) > UA \*-topa 'fish' (204)  
 tp 'head, point, tip, peak' > UA topo 'peaked, pointed, sticking up/out' (507)  
 tm 'negative, no, not' > UA \*tam 'no' (202)  
 tm 'close (mouth)'; tm 'be complete'; Hebrew tmm 'be complete, finished' > UA \*tīmaC / \*tīmam 'to close' (203)  
 thi 'go astray, transgress, reject, deviate' > UA \*toha 'go different directions, leave, abandon' (191)  
 txi 'be drunk, drink deep'; txw 'drunkard' > UA \*tiku 'drunk' (170)  
 tš 'spit out' > UA \*tusaC / \*tusiC 'spit' (382)  
 tks 'pierce' > UA \*tikso 'pierce, poke' (124)

## **T**

t̄y / t'w 'man, male' > UA \*tawa / \*tawi 'man, male' (205)  
 t̄y / t'w 'man, male' > UA \*tuwa / \*tu'a 'bear a son'; \*tuwi / \*tu'i 'boy, child' (206)  
 t̄w / t'y 'take up, seize, steal, collect, bring together' (Coptic jiwe) > UA \*t̄i'wi / \*tu'wi 'to gather seeds, harvest' (159)  
 t̄w / t'y 'take up, seize, steal, collect, bring together' (Coptic jiwe) > UA \*to' / tu' 'fetch, go get, go to do' (160)  
 twt 'perfect, complete' > tuti 'beautiful, attractive' (420)  
 twt 'statue, standing image' > UA \*tuC / \*tutu 'be standing, pl inanimate' (421)  
 twt 'sole, sandal, foot' > UA \*tuti 'sandal, shoe' (210)  
 tbt 'sole, sandal, foot' > UA \*tapat-ta 'footwear' (209)  
 t̄p̄ht 'cavern, hole (of snake)' > UA \*tapu 'hole' (207)  
 tm 'think' > UA \*tama 'remember' (487)  
 tm 'connect, join' > UA \*tama 'secure, tie tight' (498)  
 tnf 'drink, dance' > UA \*tani 'dance' (396)  
 thm 'hunt' > UA \*tīm 'look for' (348)  
 th̄n 'sparkle, shine, gleam'; th̄nh̄n 'be bright'; th̄nw 'Libya' (ie, the glistening desert) > UA \*tohono 'desert, plain' (208)  
 th̄n 'sparkle, shine, gleam'; th̄nh̄n 'be bright' > UA \*toṇa 'hot, heat (of) sun/day, shine' (462)  
 ts 'neck' > CN toski-tl 'throat, voice'; CN toskak 'throat' (349)  
 ts 'tie, weave, order, arrange, marshal (troops)' > UA \*tīsa 'order, command' (350)  
 ts 'tie, weave' > UA \*tuCtusi 'spider' (351)  
 t̄si 'raise, lift up' > UA \*tīcayi 'climb, raise' (440)  
 tsw 'commander, protector' > UA \*tusu' 'learn, know, be smart' (220)

## **D**

d' 'copulate' > UA \*toC 'copulate' (394)  
 dw' 'rise early'; dw'yt 'dawn, morning' > UA \*to'ay 'emerge, come up/out (especially sun, stars, etc)' (273)  
 dwn 'stretch, straighten' > UA \*tuna 'straight' (268)  
 db̄h 'ask for, beg' (Coptic toobh) > UA \*t̄ipiwa / \*t̄ipiN 'ask' (270)  
 dm 'be sharp, sharpen' (Coptic toom) > UA \*tama 'be sharp' (271)  
 dmr / dmi 'touch, reach' > UA \*tam 'touch, feel' (272)  
 dnit 'a festival' > UA \*tuniti 'do ceremonial singing' (372)  
 dr 'spread out, stretch out' > UA \*ta'ra 'spread, stretch out' (526)  
 dhnt 'mountain top', pl: dhnwt > tonoc 'hill' (274)  
 dqr 'fruit' > UA \*taka(C) 'fruit' (269)

## **D**

d̄'i '1. extend/cross, 2 pierce/transfix 3 devour' > UA \*sowa / \*so'a / \*so'i 'pierce, thorn' (194)  
 d̄'i '1 extend/cross (water, area), 2 pierce 3 devour' > UA \*suwa 'eat up, consume' (195), Wr sueni 'cross (river)' (196)  
 d̄'rt 'bitter gourd' > UA \*sawara 'gourd' (198)  
 d̄'rt 'scorpion' > UA \*suyi 'scorpion, sting' (479)  
 d̄'fb 'coal-black' > UA \*so'opa 'black, dark' (197)  
 d̄'wt 'mosquito' > UA \*suti 'mosquito, gnat' (390)  
 d̄'b' 'to clothe, garment' > UA \*sipu' > \*si'pu 'underclothing' (199)  
 d̄'b' 'leaf', pl: d̄'b'-w 'leaves' > UA \*sawa 'leaf' (467) (bilabial > ø as 1<sup>st</sup> C in cluster)  
 d̄'bt 'brick' (Coptic too'be 'adobe') > UA \*supa 'adobe' (200)  
 d̄'nnwtt 'snake' > UA \*sinawi 'snake' (201)  
 d̄'h̄'wt 'bitterness' > UA \*sih̄w(kV) 'sour' (513)  
 d̄'df̄t 'snake, internal bodily worm' (Coptic jatfe) > Sr sīvāt-ṭ 'body louse' (311)