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A lexical and phonological reconstruction of Highland East Cushitic including a comparative East Cushitic database

Sosal Altayeb Mohammed Ali, A.

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Appendix

This appendix presents the reconstructed lexicon referenced in the study. The entries are listed by their unique database identifier (ID) to facilitate cross-reference with the East Cushitic Lexical Database. For each item, the Proto-Highland East Cushitic (PHEC) and Proto-North Highland East Cushitic (PNHEC) reconstructions are provided where available, along with their glosses.

ID	PHEC	PNHEC	Gloss
[1]	*il-	*ill-	'eye'
[2]	*an-i	*ani	'I'
[3]	*aabb-	*aabb-	'father'
[4]	*gulib-, *gilub-	*gulub-	'knee' (see [430])
[5]	*san-	*san-	'nose'
[6]	*is-i	*isi	'she'
[7]	*is-u	*is-u	'he'
[8]	*fool-	*fool-	'four'
[9]	*arrab-	*arrab-	'tongue' (see [548])
[10]	*hat't'ij y	*hat't'ij- y-	'to sneeze'
[11]	*is-n-	*is-n-	'they'
[12]	*mañ-	*mañ-	'what?'
[13]	*an-f-	*an-f-	'saliva' (see [807])
[14]	*az-	*az-	'milk'
[15]	*bezz-k-	-	'star(s)'
[18]	*t'iig-	-	'blood'
[19]	*sazhet	*sazzeett-	'eight'
[20]	*sazeñ-	*saseñ-	'three'
[21]	-	*c'ak'as-	'to listen, spy'
[22]	*ñan?ur-	*ña?ur-	'navel'
[23]	*hiir-	-	'to untie'
[27]	*at-i	*ati	'you' (sg.subj)
[28]	*ay- (→ *ay-y-e/*ay-y-i)	*ay- (→ *ay-y-e/*ay-y-i)	'who?' (obj, subj)
[29]	*k'ab-	*ab-	'to hold, seize'
[30]	*ka?-	*ka?-, *ke?-	'to get up, arise'
[31]	*oo y, *oo ?	*oo y, *oo ?	'to cry' (see [235])
[32]	*?-?-	*?-?-	'to take, receive'
[33]	-	*osal-?-	'to laugh'
[34]	*ba?-	*ba?-	'be lost' (see [111])
[36]	*gam-	*gam-?- → *ga?m-	'to bite'
[38]	*lih-	*leñ-	'six'

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[39]	*suk-ʔ-	*suk'k'-	'to spin'
[40]	*tuf-	*tuf-	'to spit'
[42]	-	*k'eer-	'long, tall'
[44]	-	*c'aʔ- → *c'aʔ ʔ, *c'aʔ y, *c'aʔ-i-ff-	'to clean'
[45]	*fiik' ʔ	*fiik' ʔ	'to whistle'
[46]	*ik'k'-, *ikk-	*ink'-, *ink-	'tooth'
[47]	*k'uf-	*kuf- (→ *kuf-t-ʔ- / *kuf-s-ʔ-)	'to cough'
[48]	*tum-	*tum-	'to pound' (see [254])
[49]	*buk'-buk'-	*k'uub- (→ *k'uub-ʔ-)	'egg'
[51]	*lokk-, *lekk-	*lokk-, *lekk-	'foot, leg'
[52]	-	*hit'-, *ays- /*ans-	'grass (sp.)'
[54]	*min-	*min-	'house'
[55]	*t'ut'-	*t'ut'-	'black ant'
[59]	*agan-	*agan-	'month'
[62]	*al-	*il-	'give birth, beget (of human)' (see [449])
[63]	*naʔ-	*naʔ-	'we'
[65]	-	*faras-, *faras-f-	'horse'
[66]	*anuun-	*anuun-	'breast'
[67]	*ang-	*ang-	'hand, arm'
[68]	*malaḥ-	*malaḥ-	'pus'
[69]	*mizk-	*mizk-	'right(-side)'
[70]	*afoʔ-	*afoʔ-	'mouth, opening, language'
[71]	*k'utaḥ-	*utaḥ-	'thorn'
[72]	*lam-	*lam-	'two'
[74]	*k'ub-, *-kub-	*ub-	'to fall (down)'
[75]	*t'eʔm-	*t'eʔm-	'to taste good'
[79]	*eey-	*ee, *yee	'yes'
[80]	*gal	*gal-	'to enter'
[81]	-	*kob-ʔ-, *c'amm-	'shoe, sandal'
[84]	*c'ab-	*c'abb-	'to cut, sharpen'
[85]	*arg-	*arg	'to send'
[86]	*is-n-	*is-n- → *ins-	'them'
[87]	*k'ot-	*k'ot-	'to dig'
[88]	*gudum-	-	'shoulder'
[90]	-	*malab-	'honey'

[91]	*mooyy-	*mooyy-, *udulun-m-a	'mortar'
[94]	*gora?-	-	'to slaughter (cattle)'
[95]	fomb-	-	'lung'
[103]	*e-y	*e-y	'me'
[104]	*ati-n-	*a?-n-	'you (pl.subj)'
[106]	*t'aban-	*t'aban-	'side, cheek' (see [214])
[108]	*sunk'	*sunk'	'to kiss'
[109]	*f- → *f y	*f- → *f y	'to kill'
[110]	*bar-	*barr-	'day' (see [361])
[111]	*ba?-is-	*ba?-is-	'to spoil, extinguish' (see [34])
[112]	*bubk-	*bub-	'burn'
[113]	-	*dabar-	'to add, to answer'
[114]	*debe?-	*debe?-	'to belch'
[115]	*k'ab y-t-	*k'iid-	'become cold'
[116]	*k'ok'k'-	*k'oonk'-	'throat'
[117]	*sa?-	*sa?-	'cow'
[118]	*zaak-	*zaaz-, *zaak	'to swim, to spil'
[120]	*fil-?-	*fil-?-, *fil-t-, *fil-t-?-	'to comb'
[121]	*gol-	*gol-	'wall'
[122]	*gor-	*gor-	'thorn bush'
[125]	*buk-	*buk-	'dust'
[126]	*gog-	*gog-	'skin, hide'
[127]	-	*kontor-	'to snore'
[128]	*t'eeb ?, *t'eeb-	*t'eeb ?, *t'eeb-	'to be thirsty', 'thirst'
[130]	*tuul-	*tuul-, *tuur-m-	'to pile up'
[131]	soog-dd ²¹³	-	'salt'
[135]	*?-y	*?-y	'my'
[136]	*eel-	*eel-	'pond, pool'
[137]	*lal-	*lal-	'cattle'
[138]	*man-f-	*man-f-	'person' (see [215], [609])
[139]	*wozan-	*wozan-	'heart'
[140]	-	*ind-i-?ind-	'tears'
[141]	*k'ar-	*k'ar-	'to sharpen'
[142]	*tum-am-f-, *tum-t-, *tum-t-iff-	*tum-am-f-, *tum-t-, *tum-t-iff-	'ten' (see [254])
[143]	*fur-	*fur-	'to open'

²¹³ Form listed without an asterik are just for reference but they are not reconstructed to P(N)HEC).

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[144]	*meʔ-	*meʔ-	'how many? how much?'
[145]	*sum-, *sim-	*fum-	'urine' (see [170])
[150]	*baall-	*baall-	'feather' (see [276])
[151]	*is-e	*ise	'her'
[161]	*bark-	*bark-	'head-support, pillow (of wood)'
[162]	*fic'c'- ← fiʃ-ʔ-, *fil-s-ʔ-	*fi-n-c'-	'to scatter'
[163]	*hur-ʔ-	*hur-	'young ox, bull'
[164]	*t'uf-	*t'uf-	'to close'
[167]	*fayy-	*fayy-	'healthy'
[168]	*heeʔ-, *heeʔ-f-	*heeʔ-, *heeʔ-f-	'to exist, to live, life, existence'
[169]	*k'unc'-	-	'bark (of tree)'
[170]	*sum ʔ	*fum ʔ	'urinate' (see [145])
[173]	*billaa-t	*billaa-t	'butterfly'
[174]	*hamas-	*hamas-, *hamas-f-	'snake'
[175]	*kalt-	-	'axe, hoe'
[180]	*utub-	*utub-	'pole, center-pole of house'
[183]	*gib-	*gib-	'to refuse, hate'
[184]	*reḥ ʔ	*reḥ ʔ	'die' (see [329], [439])
[186]	*c'ub-	*c'ub- → *c'ub ʔ, *c'ub y-s	'dip in, immerse' (see [447])
[187]	*kin-ʔ-	*kiʔn-	'your'
[188]	*ni-ʔ-	*ni-ʔ-	'our'
[189]	*k'araar-	*k'araar-	'be bitter'
[190]	-	*arr-, *arr-i-ʃʃ-	'sun'
[191]	-	*ull-	'earth'
[195]	*fal-, *falfal-	*fal-	'omen, magic'
[196]	*ki-n-	*kin-ʔ- → *kiʔn-e, *kiʔn-o	'you' (pl)
[197]	*n-y	*n-y	'us'
[198]	*tum-am-f-, *tumt-i-ʃʃ-, *tumt-	*tum-am-f-, *tumt-i-ʃʃ-, *tumt-	'blacksmith' (see [142], [254])
[199]	*ul-	-	'to smell'
[202]	*t'all-	*t'all-	'only, alone'
[206]	*awd-	*awd-	'threshing floor'
[207]	*hun-, *hut-	*hun-, *hut-	'strength, power'
[208]	*hur ab-	*hur-	'to pour'
[209]	*laaf-	*laaf-	'soft, weak'
[212]	-	*ar- → *ar-o	'husband' (see [271])

[214]	*t'aban ? → *t'aban ?-s-	*t'aban ?-s-	'to slap' (see [106])
[215]	*meen-t-	*man-t-, *meen-t-	'woman, girl' (see [138], [609])
[217]	-	*fool-	'breath, odor, smell'
[220]	*c'ark'-	*c'ark'-	'rags, cloth'
[221]	*c'inc'-	-	'good smell'
[222]	*t'ok-	*t'ook-	'to burst'
[223]	*eg-	*eger	'to wait'
[224]	*t'ur-	*t'ur-	'dirt of body, clothing'
[226]	*c'iw?-, *c'aw?-	*c'aac'urr-, *c'iic'oorr-	'chick(en)' (see [348])
[228]	*harr-	*harr-, *harr-i-ff-	'donkey'
[229]	*haf~haf-	*haf~haf-	'to whisper' (see [252])
[235]	*od-	-	'news' (see [31])
[236]	*og-, *og ?-y-f-	*og-, *og ?-y-f-	'traditional doctor'
[237]	*jirb	*sirb-	'to dance and sing'
[240]	*k'ort'umm-	*k'ort'umm-	'fish'
[249]	-	*jik' y, *jik' ?	'to approach'
[250]	*t'iib-	*t'iib-	'to push'
[252]	*hasaaw-, *haas-	*hasaaw-, *haas-	'speak, talk, speech' (see [229])
[253]	*ki-?-	*ki-?, *-?-ki	'your'
[254]	-	*tun~tumm- ← *tum~tum-	'fist' (see [142])
[256]	*ham ?	*ham ?	'to slander'
[257]	*ke	*ke	'you' (sg.obj)
[258]	*maak-, *ma~mmaak-	*maak-	'say in a proverb, tell a story'
[259]	*wol-	*wol-	'(each) other'
[264]	*arr-	-	'grey hair'
[266]	*hur ?	*hurk- → *hurk-?, *hur-f-?	'to choke'
[267]	*t'ulak-	*t'ulak-	'claw, fingernail'
[268]	*mur-	*mur-	'to cut'
[269]	*t'a?- , *t'e?-	*t'a?- , *t'e?-	'to extinguish, to diminish'
[271]	-	*ar- → ar-e	'wife' (see [212])
[273]	*biin-	*biin-	'mosquito, fly (sp.)'
[274]	*yeyy-	-	'wolf, jackal'
[276]	*ball-	*ball-	'brother-in-law, father- in-law'
[279]	*isa-?-	*isi?-	'his'
[281]	*k-, *t-	*ku	'these' (m, f)
[282]	*aar-	-	'be angry'

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[284]	*ayyaan-	*ayyaan-	'festival, holiday'
[285]	*balʔ-	*bal-ʔ-	'broad, wide'
[286]	*c'ob-	*c'ob-ʔ- → *c'op'p' y	'to drip, to leak'
[287]	*t'ib- (?)	*t'ib-	'to make trouble' (see [417])
[288]	*k'el-	*k'el-	'snail'
[292]	*is-o	*is-o	'him'
[293]	*waʔ-	*waʔ-	'water'
[298]	*al ʔ	*el ʔ	'to be useful'
[299]	-	*zaane-i-ff-	'elephant'
[300]	*k'ub-	*k'ub-	'finger(-ring), ring' (see [494])
[304]	*wit'-	*wit'-	'sow, to scatter'
[306]	*y- ebb-	*y- ebb-	'be(come) hot, warm'
[307]	*mit-	*mat-, *mit-	'one'
[308]	*t'uur-	-	'to milk' (see [351])
[309]	*war-	*war-	'to gossip, tell the news'
[316]	*dam-	*dam-	'branch, stick'
[318]	*isn-ʔ-	*isn-ʔ-	'their' (poss)
[321]	*bukk-	*bukk-, *bukk-ʔ-	'to pluck'
[325]	*duud-	*duud-	'mute (person)'
[326]	*geeg-ess-	*geeg-eess-	'accompany'
[327]	*kor-	*koor-	'saddle'
[328]	*k'ob-	*k'ub-	'moisture, dew'
[329]	*reñ-f-	*reñ-f-	'corpse' (see [184], [439])
[330]	*sooz-	*sooz-	'dawn'
[338]	-	*yaʔ-	'to call' (see [749], [354])
[339]	*ful-	*ful-	'to go out, exit'
[340]	*gag~gal- → *ga-n-gal-	*gog~gol- → *go-n-gol-	'to roll'
[341]	*loom-	*loom-	'lemon'
[345]	-	*raar-	'shout, scream'
[347]	-	*oos-	'boy'
[348]	*c'iiʔ-	*c'iiʔ-i-ff-	'bird' (see [226])
[349]	*gabal-	*gabal-	'border, limit' (loanword)
[350]	*sang-	*sang-	'ox, bull'
[351]	*t'uut'-	*t'uut'-	'to suck, absorb' (see [308])
[354]	*yaaʔ-	*yaaʔ-	'to flow, call, assemble' (see [749], [338])
[361]	*bar-	*ber-	'yesterday' (see [110])
[362]	*moor ʔ	*moor ʔ	'to steal' (see [708])

[366]	*ise-ʔ-	*ise-ʔ-	'her (poss)'
[367]	*mic'ir	-	'twist, squeeze'
[377]	*c'anc'-	*c'anc'-	'to make noise'
[378]	*dan-	*dan-t-	'to be able'
[380]	*hik'k'-, *hek'k'-	*hik'k'-, *hek'k'-	'have hiccups'
[381]	*k'ul-, *k'ul~k'ul~l-ʔ-	*ul-, *ul~ul~l-ʔ-	'leech'
[382]	*oll-	*oll-	'neighbour'
[383]	*orz-	*orz-, *orza-	'hair of animals'
[388]	*y → *is- (← *y-s-)	*y → *is- (← *y-s-)	'to say, do, be' (see [425])
[389]	*duk-	*duk-	'to sneak, creep'
[390]	*hiit'-	*hiit'-	'to stretch'
[391]	*kum-	*kum-	'thousand'
[392]	*lik'-	*lik'-	'to lend'
[397]	-	*kikkil-	'armpit'
[399]	*dawm-	*dawam-	'red'
[400]	*giir-	*giir-	'fire'
[406]	-	*wees-	'ensete tree (Ensete ventricosum)'
[407]	*ebel-, *ebal-	*ebel-, *ebal-	'so-and-so'
[408]	*mut-	*mut-	'awl for basketwork'
[411]	-	*buur-	'butter' (see [742])
[415]	*afal-	*afal-	'liver'
[416]	-	*c'in- → *c'in-k, *c'in-s, *c'in ʔ	'to squeeze'
[417]	*t'ib-	*t'ib-	'disease, evil' (see [287])
[418]	*ku/*ti, *ko/*te / *ku/*ti, *ka/*ta	*ku/*ti, *ko/*te	'this' (m/f)
[425]	*ʔ, *ass-	*ʔ, *ass- (← *ʔ-s-)	'to do' (see [388])
[426]	*haraar y-s-, *araar y-s-	*haraar y-s-, *araar y-s-	'to mediate, reconcile'
[428]	*dur-	-	'rich'
[429]	*geedaal-	-	'fox'
[430]	*gulib ʔ, *gilub ʔ	*gulub ʔ	'to kneel' (see [4])
[431]	*raʔ-	*raʔ-	'ripen, be ripe' (see [496])
[436]	-	*ad-	'aunt'
[437]	*seer-	*seer-	'law'
[438]	*zuug-	*zuug-	'to scrape, tan (hide)'
[439]	*reñ-	*reñ-	'death' (see [329],[184])
[440]	*weeʔn-	*weeʔn-, *weeʔn-i-ff-	'Colobus monkey'

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[443]	*uḥw-	*uḥw-	'to give'
[444]	*bagaz-	*bagaz-	'spear'
[445]	*bork-	*bork-	'to be impure'
[447]	*c'ubb-	*c'ubb-	'sin' (see [186])
[448]	*gaayy-	*gaayy-	'pipe (of clay)'
[449]	*k'al-	*k'al-	'give birth, beget (of animals)' (see [62])
[450]	*jaal-	*saal-	'be shy, be ashamed'
[460]	-	*beet-	'son, child' (see [741])
[461]	*has-	*has-	'to want, seek'
[462]	*meet-	*meet-	'scraping board for use in preparing ensete'
[466]	*diwh-, *diwk-	*diwh-, *diwk-	'empty'
[467]	*ḥons-	*ḥons-	'nine'
[476]	*c'ir-	*c'ir-	'to clear' (see [516])
[477]	*hobol-	-	'boat'
[478]	*kott-	*kott-	'hoof, foot'
[490]	*c'obt'-	*c'obt'-	'gonorrhea'
[491]	*fac'-	*fac'-	'to cut, break'
[492]	*haar-	*haar-	'new'
[493]	*hiiʔ-	*hiiʔ-	'take!'
[494]	*k'ob-, *k'ok'~k'obb-	*k'ob-, *k'ok'~k'obb-	'to surround, to bend' (see [300])
[495]	*lab-	*lob-	'many, big, much'
[496]	*raʔ-i-s-	*raʔ-is-	'to cook' (see [431])
[497]	*jakol-, *fol-	*joll ʔ	'be easy'
[511]	*zal~zal-	*zaz~zal-	'trade, business'
[513]	-	*c'aat-	'chat (Catha edulis)'
[514]	*ebb-	*ebb-	'to bring'
[516]	*c'il	*c'il-	'to defecate' (see [476], [516])
[517]	*c'iil-	*c'iil-	'excrement' (see [516])
[519]	*ḥilill-	*ḥilill-	'smoke'
[520]	*ḥuy- → *ḥuy ʔ-m-	*ḥuy ʔ-m-	'be(come) full' (see [607])
[523]	*jam-	*jam-	'to rot, to be wet'
[544]	-	*c'ub-	'dagger, knife'
[545]	*dun-	*dun-am-	'to leak, poke'
[547]	*am-	*am-	'mother'
[548]	*arraab-	*arraab-	'to lick' (see [9])
[550]	*ibb-	*ib-, *ib~ib-	'louse'
[551]	*it-	*it-	'to eat'
[580]	*boc'-	*boc'-	'to carve, split (wood)'
[581]	*zar-	*zar-	'to tear'
[582]	*hak'k'-	*hak'k'-	'wood'

[583]	*maaz ?, *miiz ?	*maaz ?, *miiz ?	'to hurt'
[601]	-	*hos-	'to pass, spend the day'
[602]	-	*kin-	'stone, rock'
[603]	*boos-	*boos-	'fireplace'
[604]	*c'al-	*c'al-, *k'al-	'to hang'
[605]	*galat-	*galat-	'thanks'
[606]	*gubeed-	*gubeed-	'thigh'
[607]	*huɣ ?-s-	*huym-s-	'to fill' (see [520])
[609]	*man~n-	*man~n-	'people' (see [138], [215])
[610]	*roob-	*roob-	'hippopotamus'
[613]	*t'een-	*t'een-	'rain'
[623]	*oot-	*oot-	'fence'
[627]	-	*zoŋ ?	'to wander'
[628]	*an~n-	*ann-	'father'
[629]	*bad-	*bad-	'to mistreat'
[632]	*gidd-, *gudd-	*gidd-, *gudd-	'inside'
[633]	*has y-s-	*has-is-	'be necessary'
[634]	*leem-	*leem-, *leem-n-	'bamboo'
[635]	*maal-	*maal-	'meat'
[636]	*omt-, *om-omt-	*ont-	'five' (see [254])
[637]	*sim-	*sim-	'ensete tree 1st stage'
[638]	*sor-	*sor-	'red soil'
[639]	*ɟaf-, *ɟaf-ɟaf- ?	*ɟaf-, ɟaf-ɟaf- ?	'to shake'
[652]	*kiil-	*kiil-	'to do magic'
[660]	-	*k'oʔ-	'marrow of bones'
[661]	-	*t'umm-	'peace'
[670]	-	*kaas-	'to plant'
[671]	-	*wad-	'to shout'
[672]	*dul-	*dul-	'to skin, slaughter'
[673]	*ik-	*ik-, *ikk-	'to be(come), happen'
[675]	*k'oom-	*k'oom-	'calabash'
[693]	-	*darɟ-	'to swell'
[698]	*hokol-	*hok~kol-	'to roll'
[700]	*ham-ʔ-	*haʔm-i-ɟɟ-	'ensete tree root/corm'
[701]	*gig-	*gigg-is-	'to destroy'
[702]	*hig-	*hig-	'to return, pass'
[703]	*kaakk y-s-	*kaakk y-s-	'to cackle (hen)'
[704]	-	*kaɟil-	'embers, charcoal'
[707]	*magan-	*magan-	'sky, God'
[708]	*moor-k-	*moor-k-	'thief' (see [362])
[721]	*fir-	-	'relative' (see [744])
[722]	*hoog-	*hog-	'to clean'
[723]	*sek- → *seh- (→ *seh-s-)	*sek- → *seh- (→ *seh-s-)	'adorn, decorate'

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[730]	-	*t'aʔm-	'to ask, visit'
[741]	-	*beet-, *beet-beet-	'grandchild' (see [460])
[742]	-	*buur-, *buur-ʔ-	'to smear' (see [411])
[744]	*firt'-	*fit't'-	'to disperse' (see [721])
[745]	*-n	*-n, *-nni	'with'
[749]	*yaaʔ-	*yaaʔ-	'assembly, meeting' (see [354], [338])
[768]	*hab-	*hab-	'to forget'
[777]	-	*dirr-	'to descend, go down'
[807]	*anj-	*inc'-	'to chew, twist' (see [13])
[1030]	*huk'-	*huk'-	'be(come) thin'
[1032]	-	*nigg-	'tendon'
[1034]	*ak-	-	'grandfather'