Lexicon of Unmarked Consonantal Phonemes in Biblical Hebrew

/ḫ/ [x]

(also transliterated as *kh* or *k̲*)[1]

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1 *Background and Approach* (see Consonantal Polyphony in Biblical Hebrew)

The work of Weavers and Blau (1982) supplemented by Steiner (2005) have proved that the Biblical Hebrew reading tradition of the translators of the Septuagint Torah (late 4th century BCE) distinguished between the sounds [ħ][2] and [x] both represented by the letter ח, and the sounds [ʕ] and [ɣ], both represented by the letter ע, in the PMT. It is clear that **this distinction was phonemic** (see *Consonantal Minimal Pairs in Biblical Hebrew No Longer Valid in Later Hebrew*). This clearly attests to the reality of Jerusalem Pre-exilic (EBHP) and early post-exilic (LBHP) literary Hebrew. This can be considered a proven fact to the extent that such a thing can be proved in the absence of ancient sound recordings. There is no longer any excuse for ignoring this phonetic and phonemic reality in reconstructing the pronunciation of Biblical Hebrew. There seems to be no reference work allowing the student to quickly distinguish between where ח represents /ḥ/ [ħ] or /ḫ/ [x] and where ע represents /ᶜ/ [ʕ] or /ġ/ [ɣ]. To fill this gap I have compiled the following from HALOT and, for the Septuagint readings, from Blau 1982

2 *Practical Application*

Scholars, particularly when working on Biblical Hebrew poetry or wordplay, should make every effort to pronounce the text as closely as possible to the pronunciation of literary Hebrew in pre-exilic Jerusalem (EBHP).

In general, I would recommend pronouncing PMT ח as [x]:

a) where the Septuagint transliterates the ח in the Hebrew root with a Χχ Chi; or,

b) where clearly cognate roots or words in other Semitic languages exhibit /ḫ/ rather than /ḥ/. The order of importance of the comparator languages is Ugaritic, Arabic, Old South Arabian languages, Ethiopic languages. This is often a balance of probabilities type decision.

Since, as calculated by Blau (1982 §14.1) the frequency of /ḥ/ is much higher than that of /ḫ/ in Semitic languages, in all other cases we should assume that ח = /ḥ/.

	Root or Word	EBHP */EBHP/[+3] *[EBHP][4] (c. 850-550 BCE) (? = uncertain whether the phoneme is /ḫ/ or /ḥ/)	Meaning	Comments
א	אֲבַטִּיחַ	/ʾăbaṭˈṭīḫ/	watermelon	Arabic *ba/iṭṭīḫ
	אֲבִיחַיִל	/ʾăbīˈḥayl/	personal name	Blau 1982 §13.2.4a, c
	אֶזְרָח	/ʾizˈraːḫ/ [ˈɪzˈraːx]? [ˈɛzˈraːx]?	native, full citizen	αὐτόχθων
	אֹחַ	*/ˈʾoːḫ/ (s.) /ʾuˈḥīm/ (pl.) [ˈʊˈxiːm]? [ˈoˈxiːm]?	howling desert animals	ἦχ@ς
	אָח	/ˈʾaːḫ/	brother	Arabic ʾaḫ, Ugaritic aḫ, iḫ 1. c.f. ʾaḥ an interjection of pain 2. Many names

	Root or Word	EBHP */EBHP/+[3] *[EBHP][4] (c. 850-550 BCE) (? = uncertain whether the phoneme is /ḫ/ or /ḥ/)	Meaning	Comments
				compounded with *ʾaḫ/ʾaḫī* such as - אַחְאָב (ʾaḫ'**ab**) Blau 1982 §13.2.4c אַחְבָּן (ʾaḫ'**ban**) אֲחוּמַי (ʾaḫ'**ban**) Blau 1982 §13.2.4c אֲחִיטוּב (/ʾaḫī'**ṭūb**/) Blau 1982 §12, 13.2.4b,c
	אָח	/"a:ḫ/	brazier made of metal	From Egyptian *ḫ*
	אַחְבָּן	/ʾaḫ'**ba:n**/?	personal name	possibly cognate to Arabic *ḫābin* strong Blau 1982 §13.2.6c
	√אחה	√ʾḫh	to fraternize	Denominative from אח "brother"
	אָחוּ	/"a:ḫuː/	sedge	αχει
	אַחֲוָה	/ʾaḫ'**wâ**/	brotherhood	Arabic *ʾuḫuwwat*, *ʾaḫḫawīyat*, Akkadian *aḫūtu*. brotherhood
	אֲחוֹחִי	/ʾaḫō'ḫî/?	gentilic	Blau 1982 §13.2.6c
	אָחוֹר [√ʾḫr]	/ʾaḫ'**o:r**/	rear, back	Arabic *ʾaḫīr*
	אָחוֹת	/ʾaḫ'**ōt**/	sister	Ugaritic *aḫt*, pl. *aḫt* and *aḫtt*, Arabic *ʾuḫt*, Old South Arabian *ʾḫt*,

	Root or Word	EBHP */EBHP/+[3] *[EBHP][4] (c. 850-550 BCE) (? = uncertain whether the phoneme is /ẖ/ or /ḥ/)	Meaning	Comments
				Ethiopic *ʾeẖt*;
	√אחז	√ʾẖz	hold, seize, cover, settle in a country (*niphal*)	Ugaritic *ʾaẖd* and *ʾaẖḏ* Verb, derivatives and names compounded with the root such as יְהוֹאָחָז, אֲחַזְיָה אָחָז אֲחָזי, אֲחֻזַּת, אֲחֻזָּם etc.
	אָחָז [√ʾẖz]	/ʾaẖ'a:z/	personal name	Αχαζ Blau 1982 §13.2.4c
	אֲחֻזָּה [√ʾẖz]	/ʾuẖu'za:/	land holding	
	אַחְזִי [√ʾẖz]	/ʾaẖ'zay/	personal name	Blau 1982 §13.2.4c
	אֲחַזְיָה אֲחַזְיָהוּ [√ʾẖz]	/ʾaẖaz'ya:h/ /ʾaẖaz'yahu:/	personal name	Blau 1982 §13.2.4c
	אֲחֻזָּם [√ʾẖz]	/ʾuẖuz'za:m/	personal name	Ωχαζαμ Blau 1982 §13.2.4c
	אֲחֻזַּת [√ʾẖz]	/ʾuẖuz'zat/	personal name	Blau 1982 §13.2.4a
	אֵחִי	/ʾi'ẖi:/?	personal name	Blau 1982 §13.2.5c.
	אֲחִיחֻד	/ʾuẖi:'ẖu:d/?[5]	personal name	Blau 1982 §13.2.6c
	אֶחְיָן [אח]	/ʾaẖ'yān/	personal name "little brother"	Ugaritic *aẖyn* Blau 1982 §13.1

Root or Word	EBHP */EBHP/+³ *[EBHP]⁴ (c. 850-550 BCE) (? = uncertain whether the phoneme is /ẖ/ or /ḥ/)	Meaning	Comments
אֲחִלָּב [√ẖlb]	/ʾaẖ'la:b/?	place name "elevation in the forest"	Blau 1982 §13.2.3c
אַחְמְתָא	/ʾaẖmta:/? [ˈɛxmtɛ:]? [ˈɛxmtɛʾ]?	Ecbatana Persian place name	Blau 1982 §13.2.3c
אֲחַסְבַּי	/ʾaẖas'bay/?	personal name	Blau 1982 §13.2.3c
√אחר	√ʾẖr	behind, tarry, be delayed etc	verb, adjective, adverbs from this root
אַחַר [√ʾẖr]	/ʾaẖ'ẖar/	behind, beyond etc.	Ugaritic aẖr
אַחֵר [√ʾẖr]	/ʾa'he:r/	later, following, another, personal name	Blau 1982 §13.1, 13.2.7
אַחֲרוֹן [√ʾẖr]	/ʾaẖ'rōn/	last, in the future	Arabic ʾāẖir, ʾaẖīr
אֲחָרַח	/ʾaẖ'rāẖ/?	personal name	Blau 1982 §13.2.3c
אַחֲרִית [√ʾẖr]	/ʾaẖ'rīt/	fate, destiny	Ugaritic iẖryt fate, destiny
אֲחֹרַנִּית [√ʾẖr]	/ʾaẖōra'nīt/	to go, fall, turn backwards	
אֲחַשְׁדַּרְפָּן		satrap	Persian word
אֲחַשְׁוֵרוֹשׁ	/ʾaẖašwiro:š/	Persian king	
אֵחוּד	/ʾay'būd/?	personal name	Blau 1982 §13.2.3c

		EBHP **/[EBHP]/**[3] **[EBHP]**[4] (c. 850-550 BCE) (? = uncertain whether the phoneme is /ẖ/ or /ḥ/)	Meaning	Comments
		[ʾey'xu:d]? [ʾɛy'xu:d]? [ʾɪ'xu:d]? [ʾɛ'xu:d]?		
אֱחִי		/ʾiˈẖī/? [ʾɪ'xi:]? [ɛ'xi:]?	personal name	Αγχις Blau 1982 §13.2.6a
√אלח		√ʾlẖ	to be morally corrupt (*niphal*)	Arabic *ʾalaẖa* to turn sour (milk), to become confused
אֱלְיַחְבָּא		/ʾilyiẖˈbaʾ/	personal name	Blau 1982 §13.1
אֱלִיחֹרֶף		/ʾilīˈẖurp/? [ʾIli:'xurp]? [ɛli:'xurp]? [ʾɛli:'xoorəp]?	personal name	Blau 1982 §13.2.3c
אֲמְתַּחַת		ʾamˈtaẖt [ʾɛm'text]? [ʾɛm'texət]?	sack	
√אנח		√ʾnẖ ?	to groan etc. (niphal and hithpael)	Ugaritic *anẖ* groaning but Arabic *ʾanaḥa* to pant, *nāḥa* to wail
אֲנָחָה [√ʾnẖ]		/ʾạnaˈẖa:/	sighing	Ugaritic *anẖ*
אֲנָחֲרַת		/ʾạnaẖˈrat/	place name	Αναχερεθ Blau 1982 §12, 13.2.4c
אֵסַר(־)חַדֹּן		/ʾisar-ẖadˈdo:n/	name of Assyrian king	Blau 1982 §13.1
אֲפִיחַ		/ʾạˈpīẖ/	personal name	Blau 1982 §13.2.5c
אֶפְרֹחַ [√prẖ]		/ʾiprˈōẖ/ [ʾIpr'o:x]? [ɛpr'o:x]?	young of a bird	Cognate to Arabic *farẖ*, pl. *ʾafrāẖ* nestlings

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	אָרַח	/ˈˀaraẖ/	personal name	Ορεχ, Akkadian *arẖu* cow, Ugaritic *arẖ* ox, *arẖt* cow, Arabic *ˀarẖ* "bull" Blau 1982 §13.2.4c; Blau 1982 §13.2.7
	אֹרַח	/ˈˀurẖ/ [ˈˀʊrx]? [ˈˀǫ̯ɔrəx̣]?	way	Old South Arabian *ˀrẖ* military expediton
	אֹרְחָה	/ˀurˈẖaː/ [ˀʊrˈxeː]? [ˀǫ̯ ˈxeː]	caravan	
	אֲרֻחָה	/ˀuruẖˈẖaː/	allowance, sustenance	Cognate Akkadian *arāẖu* to consume, to destroy
	אַרְתַּחְשַׁסְתְּא	/ˀartaẖˈšaš/	Persian king Artaxerxes II	
	אֲשְׁחוּר	/ˀašˈẖūr/	Personal name	Blau 1982 §12, 13.2.4c
ב	בְּדֹלַח	/bʊˈdulẖ/ [bʊˈdulx]? [bʊˈdǫ̯ɔləx̣]?	gum of a South Arabian tree	Akkadian *budulẖu*
	בָּחוּר	/baˈẖuːr/?	young man	Mari (*ṣābu*) *beẖrum* member of the elite troops Cf. בָּחוּר (EBHP /baˈẖur/) "chosen"
	בְּחוּרוֹת* בְּחוּרִים	/baẖuˈrōt/?, /baẖuˈrīm/?	youthful condition	

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	√גוח √גיח	√gwẖ √gyẖ	to burst forth	Arabic *jāẖa* to burst forth
	בַּחַן	/'baẖn/ ['bexn]? ['bexən]	watch-tower	Egyptian loan word *bẖn*
	בְּרָחֳמִי, בַּחֲרֻמִי	/barẖū'mî/?	gentilic	Blau 1982 §13.2.3c
ג	גַּחַר	/'gaẖr/? ['gexr]? ['gexər]?	Personal name	Blau 1982 §13.2.3c
	גִּיחַ [√gyẖ]	/'gīẖ/?	"bubbling water"	Blau 1982 §13.2.3c
	גִּיחוֹן [√gyẖ]	/gī'ẖōn/	river of Eden	
	גֵ(ּי)(חֲזִי	/giẖẖi'zî/?	Personal name	Blau 1982 §13.2.3c
ד	דֹּחַן	/'duẖn/ ['dʊxn]? ['dɔɔxərʔ]?	millet *Sorghum vulgare*	Arabic *duẖn*
ה	הֲנָחָה [√nwẖ]	/hana'ẖaː/	release from taxes	
ז	זוֹחֵת	/zō'ẖeːt/	personal name	Ζωχαθ. Blau 1982 §12.
	√זנח	√znẖ	to become foul-smelling (water) (hiphil)	Arabic *zaniẖa* to be rancid (butter). Cf. זנח (EBHP *znḥ*) "to exclude from" cognate to Arabic *zanaḥa* to be remote, to repel

	Root or Word	EBHP */EBHP/[+3] *[EBHP][4] (c. 850-550 BCE) (? = uncertain whether the phoneme is /ḫ/ or /ḥ/)	Meaning	Comments
ח	√חבא	√ḫbʾ	to hide	Arabic *ḫabaʾa*, Old South Arabian *ḫbʾ*; Eth. *ḫabʾa*
	√חבה	√ḫbh		
	חָבוֹר	/ḫaˈbōr/	a river	(Χ)αβωρ. Blau 1982 §12.
	√חבט	√ḫbṭ	to beat out	Arabic *ḫabaṭa* to stamp
	חֲבַיָּה	/ḫụbˈyah/	personal name	Blau 1982 §13.2.7
	√חבל	√ḫbl	to seize a thing as a pledge; to destroy	Arabic *ḫabala* to lend, borrow. Arabic *ḫabala* to confound. Cf. √ḥbl "to be in labour; tie together" cognate Arabic Eth. *ḥabala* to tie together.
	חֶבֶל [√ḫbl]	/ˈḫabl/ [ˈxebl]? [ˈxebəl]?	injury	Cf. חֶבֶל (EBHP /ˈḥabl/) - "flock of birds", "rope"
	חֲבֹל [√ḫbl]	/ḫụˈboːl/	pledge, which is taken when the debt is due but remains the property of the debtor	Arabic *ḫabl* debt, loan
	חֲבֹלָה [√ḫbl]	/ḫụbuˈlaː/	to pay off one's debt	
	חֲבַצֶּלֶת	/ḫạbaˈṣịlt/	a flower	From Akkadian *ḫab(a)ṣillatu* stalk
	חֲבַצִּנְיָה	/ḫạbaṣinˈyah/	Personal name	Χαβασιν Blau 1982 §13.2.5c

Root or Word	EBHP */EBHP/[+3] *[EBHP][4] (c. 850-550 BCE) (? = uncertain whether the phoneme is /ẖ/ or /ḥ/)	Meaning	Comments
חֲבַקּוּק	/ẖabaq'qūq/?	Personal name	Blau 1982 §13.2.3c
√חבר	√ẖbr/ √ḥbr		Both these root are represented in EBHP - Blau 1982 §12.
חֶבֶר [√ẖbr/ḥbr]	/'ẖabr/? ['xebr]? ['xebər]?	Personal name	Blau 1982 §12, 13.2.3c
חֶבְרוֹן חֶבְר(וֹ)נִי [√ẖbr/ḥbr]	/ẖab'rōn/ /ẖabrō'nî/	place name gentilic	Χεβρων Blau 1982 §13.2.5a
√חבת	√ẖbt		
חֲבִתִּים [√ẖbt]	√ẖbt	cakes baked in pans	Arabic *ẖabt* various meanings including (baking) pan and cakes
חֲדַד	/ẖu'dad/?	tribal name	Χοδδαν/δ Blau 1982 §13.2.6a
√חדה	√ẖdh < √ẖdw	to rejoice	Ugaritic *ẖdw* Cf. √ḥdh ″show oneself, to appear″
חֶדְוָה [√ẖdh]	/ẖid'wâ/	joy	
√חדל	√ẖdl	cease doing, or refuse to do something	Old South Arabian *ẖdl*, Eth. *ẖadala* and Akkadian *ẖadālu* to cease; Arabic *ẖadala* to remain behind, to

Root or Word	EBHP */EBHP/+[3] *[EBHP][4] (c. 850-550 BCE) (? = uncertain whether the phoneme is /ẖ/ or /ḥ/)	Meaning	Comments
			decrease Cf. √ḥdl ″become fat, successful"
חָדֵל [√ẖdl]	/ẖaˈdeːl/	transient; abandoned	Arabic *maẖdūl*
חֶדֶל [√ẖdl]	/ˈẖadl/ [ˈxedl]? [ˈxedəl]?	underworld (i.e. ceased existence), world (emphasizing transience?)	
חַדְלָי	/ẖadˈlay/	personal name	Blau 1982 §13.2.5c
√חדר	√ẖdr	to dwell	Arabic Eth. *ẖadara*, to dwell. Cf. √ḥdr ″penetrate deeply"
חֶדֶר [√ẖdr]	/ˈẖadr/ [ˈxedr]? [ˈxedər]?	room	Arabic *ẖidr* inner room, Old South Arabian *ẖdrn*, Eth. *ẖedrat* and *māẖdar* dwelling
חַדְרָךְ	/ẖadraːk/? /ẖadrakk/?	place name	Blau 1982 §13.2.3c
חוֹבָה	/ẖōˈbaː/?	place name	Χωβαλ Blau 1982 §13.2.6a
חוֹחַ	/ˈẖawẖ/ [ˈxewx]	hole, crevice	Another lexeme, חוֹחַ "thorn-bush", may have beem pronounced /ˈẖōẖ/ or /ˈḥōḥ/ in EBHP
חוּט	/ˈẖūṭ/	thread	Arabic *ẖayṭ*
חוֹף חוּף	/ˈẖoːp/? /ˈẖupp/?	shore	Ugaritic *ẖp*, Egyptian *ẖapu*

Root or Word	EBHP */EBHP/+[3] *[EBHP][4] (c. 850-550 BCE) (? = uncertain whether the phoneme is /ḫ/ or /ḥ/)	Meaning	Comments
חוּרָם	/ḫūˈraːm/	personal name	Blau 1982 §12, 13.2.4c
חוּשָׁה חֻשָׁתִי	/ḫuːˈšaː/? /ḫūšaˈtî/?	place name gentilic	Blau 1982 §12, 13.2.3c
חוּשַׁי	/ḫūˈšay/?	personal name	Blau 1982 §13.2.6c
חוּשִׁים חוּשָׁם חֻשָׁם	/ḫūˈšīm/? /ḫūˈšaːm/?	personal name	Blau 1982 §13.2.3a,c
חוֹתָם [√ḫtm]	/ḫōˈtaːm/	seal	Arabic *ḫatm, ḫātam*
חוֹתָם [√ḫtm]	/ḫōˈtaːm/	personal name	Blau 1982 §13.2.4c
חֶזְיוֹן	/ḫazˈyōn/	personal name	Ugaritic Ḫdyn, Ḫudiyana but Aζιv
חָזִיז	/ḫaˈzīz/	squall, thunderbolt	Arabic *ḫindīḏ* cyclone and *hazīz* roaring of the wind
חֲזִיר	/ḫạˈzīr/?	swine	Ugaritic *ḫnzr* but Arabic *ḫinzīr*
√חטא	√ḫtʾ	to sin, miss	Ugaritic *ḫṭʾ*; Arabic *ḫ aṭiʾa* to be mistaken, IV to miss the target, to lose the way **N.b. derived nouns** חַטָּאָה ,חֲטָאָה ,חַטָּא ,חֵטְא etc.

Root or Word	EBHP */EBHP/*[3] *[EBHP][4] (c. 850-550 BCE) (? = uncertain whether the phoneme is /ẖ/ or /ḥ/)	Meaning	Comments
√חטב	√ẖṭb		Cf. חטב (EBHP √ḥṭb) " to gather or hew wood". Arabic *ḥaṭiba* to be colourfully striped; Ugaritic *ẖṭb* wood-gatherer
חֲטֻבוֹת [√ẖṭb]	/ẖaṭu'bōt/	multicolored embroidered cloth	
חַטוּשׁ	/ẖaṭ'ṭūš/?	personal name	(X)αττους Blau 1982 §13.2.6c; 13.2.7
חֲטִיטָא	/ẖaṭi'ṭaʾ/?	personal name	Blau 1982 §13.2.3c
חַטִּיל	/ẖaṭ'ṭīl/?	male personal name "garrulous"	Arabic *ḥaṭila* but Ατιλ. Blau 1982 §13.2.3c
חֲטִיפָא	/ẖaṭī'paʾ/	personal name	Blau 1982 §13.2.7
√חטם	√ẖṭm	to restrain self	Arabic *ḥaṭama*
√חטף	√ẖṭp	to abduct	Arabic *ḥaṭifa* to snatch
√חטר	√ẖṭr		Arabic *ḥaṭara* to swing
חֹטֶר [√ẖṭr]	/'ẖuṭr/ ['xuṭʕr]? ['xɒ̯ṭˤəʀ̥]?	rod	Ugaritic *ẖṭ*, Akkadian *ẖaṭṭu* sceptre, Arabic *ḥaṭṭ* rod
חֲזִיר	/ẖi'zīr/ [xɪ'ziːɾ]? [xɛ'ziːɾ]?	personal name	(X)ηζιρ Blau 1982 §13.2.4c; 13.2.7

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	Root or Word	EBHP */EBHP/+3 *[EBHP]4 (c. 850-550 BCE) (? = uncertain whether the phoneme is /ẖ/ or /ḥ/)	Meaning	Comments
	חִיאֵל	/ḥi"**eːl**/	personal name	Αχιηλ Blau 1982 §13.2.4c
	√חיל	√ḥyl	to be in labour	Ugaritic ẖl Cf. √ḥyl "to be strong" the root of חַיִל "army". ḥl army.
	חִיל חִילָה [√ẖyl]	/'ẖīl̄/, /ẖīˈlaː/	fear and pain	
	חֵיל	/'ẖēl/	space between outer and inner ramparts	Arabic ḥaul what is round about
	חֵילָם	/ẖayˈlaːm/? [xeyˈlaːm]? [xεγˈlaːm]?	place name	Blau 1982 §12, 13.2.3c
	חִירָה	/ẖīˈraː/?	personal name	Blau 1982 §13.2.3a
	חִירוֹם חִירָם	/ẖīˈroːm/ /ẖiˈraːm/	personal name	Χιραμ Blau 1982 §13.2.4c
	פִּי הַחִירֹת	/piː haẖẖiːˈroːt/?	place name Egyptian linguistically	Blau 1982 §13.2.3b
	חֲכִילָה	/ẖakīˈlaː/?	Place name	Blau 1982 §13.2.3c
	חֲכַלְיָה	/ẖakalˈyah/?	personal name	Blau 1982 §13.2.3c
	חֶלְאָה	/ẖal"aː/?	personal name	Blau 1982 §13.2.3c
	√חלב	√ẖlb	forest	Ugaritic ẖlb wooded hill Root of place names

	Root or Word	EBHP */[EBHP]/+[3] *[[EBHP]][4] (c. 850-550 BCE) (? = uncertain whether the phoneme is /ḫ/ or /ḥ/)	Meaning	Comments
				חֶלְבּוֹן, חֶלְבָּה, אַחְלָב. Cf. חלב (BH *ḥlb*) milk, fat etc. Ugaritic *ḥlb*
	חֵלֶב	/'ḫilb/? ['xɪlb]? ['xɛləb]?	personal name	Blau 1982 §13.2.3c
	חֶלְבָּה	/ḫal'baː/? [xɛl'beː]	place name	Blau 1982 §12, 13.2.6b
	חֶלְבּוֹן [√ḫlb]	/ḫal'bōn/? [xɛl'boːn]	place name = "forest place"	Ugaritic *Ḫlb/Ḫalbi* Aleppo Blau 1982 §13.2.6c.
	√חלד	√ḫld	to live	Arabic *ḫalada* to be eternal
	חֶלֶד [√ḫlb]	/'ḫald/ ['xeld]? ['xeləd]?	world, life-span	Arabic *ḫuld*, Old South Arabian *ḫld* duration, eternity. Blau 1982 §12
	חֵלֶד	/'ḫild/ ['xɪld]? ['xɛləd]?	mole	both animal and personal names Old South Arabian *ḫld*, Arabic *ḫald, ḫuld* "mole" Blau 1982 §13.1, 13.2.4c
	חֹלֶד	/'ḫuld/ [xuld]? [xo̞ləd̪]?		
	חֻלְדָּה	/ḫul'daː/		
	חֶלְדִּי	/ḫil'day/ [xɪl'dey]? [xɛl'dey]?	personal name	Χολδαι Blau 1982 §12, 13.2.4c
	√חלה	√ḫlh	sick (*qal*), appease, flatter (*piel*)	Arabic *ḫalāʷ* to be empty, lack Cf. *ḥlh* to adorn; root of

Root or Word	EBHP */EBHP/[3] *[EBHP][4] (c. 850-550 BCE) (? = uncertain whether the phoneme is /ẖ/ or /h̩/)	Meaning	Comments
			nouns חֲלִי, חֶלְיָה, מְחֹלָה and to sing.; root of nouns מַחֲלַת, מַחֲלָה.
חֹלוֹן	probably /ẖō'lōn/	place name	Blau 1982 §12, 13.2.6c
חֲלַח	/ẖạ'laẖ/	place name	Blau 1982 §12.
חַלְחֻל	/ẖal'ẖūl/?	place name	Blau 1982 §13.2.3c
חֱלִי [√ẖlh]	/'ẖuly/	sickness	
חֵלִי	/'ẖạly/?	personal name	Blau 1982 §13.2.3c
√חלל	√ẖll	to pierce	Arabic *ẖalla* to pierce. Cf. חלל (BH *ẖll*) "to profane". Arabic *ẖalla* to untie (knot), to be allowed
חָלִיל	/ẖal'līl/	flute	
חֲלִיפָה [√ẖlp]	/ẖạlī'pa:/	changing, relief, agreement	changing, relief, agreement
חָלָל [√ẖll]	/ẖal'la:l/	pierced, slain	
חֵלֹן	/ẖēl'lōn/?	personal name	Blau 1982 §13.2.6b.
√חלף	√ẖlp	to change, alter etc.	Arabic (*ẖalafa*) to succeed
חֵלֶף [√ẖlp]	/'ẖilp/	substitute, in return for	

Root or Word	EBHP */EBHP/[+3] *[EBHP][4] (c. 850-550 BCE) (? = uncertain whether the phoneme is /ẖ/ or /ḥ/)	Meaning	Comments
	['xɪlp]? ['xɛləp]?		
חֵלֶף	/'ẖilp/? ['xɪlp]? ['xɛləp]?	place name	Blau 1982 §13.2.3c
חֶלֶץ	/'ḥalṣ/ ['xels˙]? ['xeləs˙]?	personal name	Blau 1982 §13.2.4c
√חלק	√ẖlq	to make smooth, to be smooth, to shave, to divide, to eradicate	Arabic *ẖalaqa* to make smooth, to measure off, to shape; Ugaritic to perish.
חָלָק [√ẖlq]	/ẖa'laːq/	smoothness, falsehood	Blau 1982 §12, 13.2.4c
חֵלֶק [√ẖlq]	/'ẖilq/ ['xɪlk˙]? ['xɛlək˙]?	smoothness, portion, share	
חֵלֶק [√ẖlq]	/'ẖilq/ ['xɪlk˙]? ['xɛlək˙]?	personal name	Blau 1982 §13.2.4b,c
חַלָּק	/ẖal'lūq/		
חֶלְקָה [√ẖlq]	/ẖil'qaː/		
חֲלֻקָּה [√ẖlq]	/ẖalu'qaː/	smoothness, the plot of land allotted to an individual	
חֶלְקִי [√ẖlq]	/ẖil'qî/	Gentilic of חֵלֶק	Blau 1982 §13.2.4b
חֶלְקָי [√ẖlq]	/ẖil'qay/	personal name	Blau 1982 §13.2.7

Root or Word	EBHP */EBHP/+[3] *[EBHP][4] (c. 850-550 BCE) (? = uncertain whether the phoneme is /ḥ/ or /h̭/)	Meaning	Comments
חִלְקִיָּהוּ חִלְקִיָּה [√h̭lq]	/h̭ilqi'yahu:/ /h̭ilqi'yah/	personal name	Blau 1982 §13.2.4c, 13.2.7
חֲלַקְלַק [√h̭lq]	/h̭alaq'laq/	slippery places, smoothness, intrigues	
חֶלְקַת [√h̭lq]	/h̭il'qat/ [xɪl'kʕet]? [xɛl'kʕet]?	place name = "slippery place"	Blau 1982 §12, 13.2.4c
√חלש	√h̭lš?	to defeat (qal); to be carried off (dead) (niphal)	*h̭alasa* to steal Akkadian *h̭alāšu* to scratch off, out cf. *ḥlš* to be weakened, to dwindle away. Tigr. (Wb. 53) *ḥalsa* to be worn. Unclear whether חֲלוּשָׁה is from *ḥlš* or *h̭lš*.
חָם	h̭amm ?	personal name	Χαμ. Blau 1982 §13.2.6a Cf. חַם (EBHP /'ḥamm/) "to profane". Ugaritic *ḥm*
חֶמְאָה	/h̭im"aː/ [xɪm"eː]? [xɛm"eː]?	butter, curds	Ugaritic *ḥmỉt*: Arabic *ḥamā* to become fat (milk)
חַמּוֹן	/ḥam'mōn/?	place name = "place near the hot springs"	Blau 1982 §12.

	Root or Word	EBHP */EBHP/[+3] *[EBHP][4] (c. 850-550 BCE) (? = uncertain whether the phoneme is /ẖ/ or /ḥ/)	Meaning	Comments
	חֹמֶט	/'ẖumṭ/	reptile	
	חֲמָטָה	/ẖum'ṭaː/	"(place of) lizards"	Χαμματα. Blau 1982 §12.
	√חמץ	√ẖmṣ	to oppress	Arabic *ǵamaṣa* to despise. Cf. *ḥmṣ* to be acid, sour cognate to Arabic *ḥamuḍa* to be acid, sour.
	√חמר	√ẖmr	to leaven	Arabic *ẖamara* to cover, to leaven. Cf. *ḥmr* to drive an ass, to scorch, burn, to skin and Arabic *ḥmr* to scorch, burn
	חֶמֶר	/'ẖamr/ ['xemr]? ['xemər]?	wine	Ugaritic *ẖmr* Cf. חֻמֶר /'ẖumr/
	חֹמֶר	/'ẖumr/ ['xumr]? ['xo̞omə ɹ̩]?	foaming, raw material	Cf. חֹ ֫מֶר *ḥmr* homer, a dry measure Ugaritic *ḥmr*.
	חָמֵשׁ	/ẖa'meːš/	five	Ugaritic *ẖmš*, Arabic Ethiopic *ẖams*
	√חמשׁ	√ẖmš	to divide into five parts	Denominative from חמשׁ

	Root or Word	EBHP */EBHP/*[3] *[EBHP][4] (c. 850-550 BCE) (? = uncertain whether the phoneme is /ḥ/ or /ḫ/)	Meaning	Comments
	חֹמֶשׁ	/'ḫumš/ ['xʊmʃ]? ['xɔomǝʁ]?	a fifth	Arabic *ḫums* cf. *מֵ·מֶשׁ* **n** (EBHP /ḥumš/) "belly". Eth. *ḥemš*
	חֲנוֹךְ	/ḫị'nōk/	personal name	Ενωχ
	√חנך	√ḫnk?		Septuagint for חֲנֻכָּה(ovvεχαθ) and חֲנוֹךְ (Ενωχ) imply that first root consonant was *ḥ* but Arabic and other cognate languages indicate *ḫ*.
	חֲנַמְאֵל	/ḫanam"e:l/?	personal name	Blau 1982 §13.2.3c
	√חנן	√ḫnn	be fetid, loathsome (qal)	Arabic *ḫanna* to stink. Cf. √ḥnn "to be compassionate, have grace etc." cognate to Ugaritic *ḥnn*
	√חנף	√ḫnp	godless, defiled	Ugaritic *ḫnp* to flatter, to feign. Cf. √ḥnp to limp cognate to Arabic *ḥanifa* to have a distorted foot.

Eth. Ethiopic, including Geꜥez; Amh.; Har.; Tigr.; Tigrin; → Dillmann; Leslau; Littmann; Ullendorff; Eth.[G]: Geꜥez; → BergstrÄsser *Einführung* 96ff; Brockelmann *Vergl. Gr.* 1:30

Root or Word	EBHP */EBHP/[+3] *[EBHP][4] (c. 850-550 BCE) (? = uncertain whether the phoneme is /ẖ/ or /ḥ/)	Meaning	Comments
חָנֵף [√ẖnp]	/ẖa'**ne:p**/	godless	Arabic *ḥanafiθ* pagan
חֲנֻפָּה ,חֹנֶף [√ẖnp]	/'**ẖunp**/ ['**xʊnp**]? ['**xo**ǫnəpͅ]? /ẖanu'**pa:**/	ungodliness	
√חנק	√ẖnq	strangle someone (piel); hang oneself (niphal)	Ugaritic *ẖnq*
חַנָּתֹון	/ẖanna'**tōn**/?	place name	Blau 1982 §13.2.3c
חֶסֶד	/'**ẖasd**/? ['**xesd**]? ['**xe**səd]?	personal name	Blau 1982 §13.2.3c
חֲסַדְיָה	/ẖasd'**yah**/?	personal name	Blau 1982 §13.2.3c
חֹסָה	/ẖaw'**sâ**/? (/EBHP/[+]) > /ẖô'**sâ**/? (EBHP[isr] and /LBHP/)	personal and place name	Blau 1982 §13.2.3c
מְחַסְפָּס [חספס]	/maẖus'**pa:s**/	crackling	Arabic *ḥasafa* to crackle (frozen snow)
√חסר	√ẖsr	to be reduced, lack etc.	Ugaritic *ẖsr;* Arabic *ḥasira* to incur a loss
חָסֵר [√ẖsr]	/ẖa'**se:**r/	one who lacks something	
חֶסֶר [√ẖsr]	/'**ẖasr**/ ['**ẖasr**]? ['**ẖa**sər]?	bad pasture, want (noun)	
חֹסֶר [√ẖsr]	/'**ẖusr**/ ['**xusr**]? ['**xo**ǫsəpͅ]?	want (noun)	Arabic *ḥusr* want

Root or Word	EBHP */EBHP/+3 *[EBHP]4 (c. 850-550 BCE) (? = uncertain whether the phoneme is /ẖ/ or /ḥ/)	Meaning	Comments
חָסְרָה	/ẖas'râ/?	personal name	Blau 1982 §13.2.3c
חֶסְרוֹן [√ẖsr]	/ẖis'rōn/ [xɪs'roːn]? [xɛs'roːn]?	what is lacking	
√חפה	√ẖph	to cover	Arabic *ẖafā^y* to conceal
חֻפָּה [√ẖph]	/ẖup'pa:/?	nuptial chamber	Blau 1982 §13.1.1 Arabic *miẖaffat* litter, sedan
חֻפִּים	/ẖup'pīm/?	personal name	Blau 1982 §13.2.3a,c
חָפְנִי	/ẖup'ni:/? [xʊp'ni:]? [xo̞ɸni:]?	personal name (Egyptian)	Blau 1982 §13.2.3c
√חפץ	√ẖpṣ	to hang	Arabic *ẖafaḍa* to make lower. Cf. √ḥpṣ "to desire" cognate to Ph. מחפץ what is desirable; Syr. *ḥfaṭ* to try to get; Arabic *ḥafiẓa* to keep, to take care
√חפר	√ẖpr	to be ashamed; to protect	Arabic *ẖafara* to protect Cf. √ḥpr "to dig, search, spy out"
חֵפֶר (גַּת הַחֵפֶר)	/'ẖipr/? ['xɪpr]? ['xɛpər]?	place name	Blau 1982 §12, 13.2.6c

Root or Word	EBHP */EBHP/+3 *[EBHP]4 (c. 850-550 BCE) (? = uncertain whether the phoneme is /ḫ/ or /ḥ/)	Meaning	Comments
כְּמְתֵי מַחְפֶּשֶׂת	ḫpš	as the one destined for disaster	
חָפְשִׁי and related terms	/ḫup'šī/? [xʊp'ʃiː]? [xo̞ɸiː]?	free	Ugaritic ḫpṯ. Unclear whether חפשׁ is from √ḫpš or √ḥpš
√חצב	√ḫṣb	to hew, hew out etc.	Ugaritic ḫṣb to strike dead. Cf. √ḥṣb "to **rake** (fire)"
*חֹצֵב, חַצְבִי	/ḫō'ṣe:b/? /ḫaṣa'bay/?	stonemason	
√חצה	√ḫṣh	to divide	
חֲצְצֹון	/ḫaṣa'ṣōn/?	place name	Blau 1982 §13.2.3a
חֲצֹות [√ḫṣh]	/ḫi'ṣōt/	midnight, midday	Ugaritic ḫṣt *ḫaṣātu half
חֵצֵי, חֲצִי [√ḫṣh]	/'ḫiṣy/	half	Cf. חֵצִי (EBHP /ḫiṣ'ṣī/) a by-form of חֵץ (EBHP /'ḫiṣṣ/) "arrow".
חָצִיר	/ḫa'ṣīr/	grass	Arabic ḫaḍīr
√חצר	√ḫṣr	green	Arabic ḫaḍira to be green, Cf. Arabic ḥaṣira, ḥaṣura to be narrow, stretched, to form a stalk; Arabic ḥaḍara to be present, ḥaḍar place of residence

Root or Word	EBHP */EBHP/⁺³ *[EBHP]⁴ (c. 850-550 BCE) (? = uncertain whether the phoneme is /ḥ/ or /h̲/)	Meaning	Comments
חֲקוּפָא	/ḥaqū"pa'/?	personal name	Blau 1982 §13.2.3c
חֹר	/'ḫurr/	hole	Ugaritic ḫr (?) ḫrt hole. Cf. חֹר (EBHP /'ḫurr/)
חֲרָאִים	/ḫara"īm/	dung	Ugaritic ḫrʾ
√חרב	√ḥrb	to devastate	Arabic ḥariba to be destroyed Cf. √ḥrb "to fight" cognate to Arabic ḥariba to kill
חָרֵב [√ḫrb]	/ḫa'reːb/	waste, desolate	
חֹרֶב [√ḫrb]	/'ḫurb/ ['xʊrb]? ['xọrəb]?	dryness, drought, heat, devastation, waste.	
חֹרֵב	/ḫō're:b/	place name	χωρηβ Blau 1982 §13.2.5b
חָרְבָּה [√ḫrb]	/ḫur'baː/ [xʊr'beː]? [xọ 'beː]?	site of ruins	Arabic ḫirbat site of ruins
חָרָבָה [√ḫrb]	/ḫarra'baː/	dry land	
חֲרָבוֹן [√ḫrb]	/ḫara'bōn/	dry heat	
חַרְבוֹנָא	/ḫarabō'na'/?	personal name	Blau 1982 §13.2.3c
√חרג	√ḫrg	to come out trembling	Arabic ḫaraja
√חרד	√ḫrd	to tremble, fear, worry	Ugaritic ḫrd, Syr. etpeʿel to tremble; Arabic

Root or Word	EBHP */EBHP/[+3] *[EBHP][4] (c. 850-550 BCE) (? = uncertain whether the phoneme is /ẖ/ or /ḥ/)	Meaning	Comments
			ẖarida to be coy, ẖarida to be furious
חָרֵד [√ẖrd]	/ẖa'reːd/	anxious, frightened	
חֲרָדָה [√ẖrd]	/ẖara'daː/?	trembling, fear and place name	Χαραδαδ: desert station Blau 1982 §13.2.6b
חֲרֹד חֲרֹדִי	/ẖa'roːd/? /ẖaru'dī/?	place name gentilic	Blau 1982 §13.2.3c
חֲרוּזִים	/ẖarū'zīm/	necklace of shells, beads, pearls or the like	Arabic ẖaraz necklace of bivalves or glass beads
חֲרוּמַף	/ẖarū'mapp/	personal name	Blau 1982 §13.2.7
חָרוּץ	/ẖa'rūṣ/	gold, incision, mutilation, diligence	Ugaritic ẖrṣ; Arabic ẖurṣ gold; χρυσός
חָרוּץ	/ẖa'rūṣ/?	personal name	Blau 1982 §13.2.3c
חַרְחוּר	/ẖar'ẖūr/?	personal name	Blau 1982 §13.2.3c
חַרְחֲיָה	/ẖarẖa'yah/?	personal name	Blau 1982 §13.2.3c, 13.2.6c
√חרט	√ẖrṭ		Ugaritic ẖrṭ to pluck (a bird), Arabic ẖaraṭa to bark, strip
חֶרֶט [√ẖrṭ]	/'ẖarṭ/? ['xerṭˤ]? ['xeʀǝṭˤ]?	mould	Blau 1982 §12.

Root or Word	EBHP */[EBHP]/[+3] *[[EBHP]][4] (c. 850-550 BCE) (? = uncertain whether the phoneme is /ẖ/ or /ḥ/)	Meaning	Comments
חַרְטֹם	/ḫar'to:m/	mouth, beak, soothsayer-priests	
חֹרִי	/ḫur'rî/	Hurrians	Χορρι Cf. חֲרִי (EBHP /ḥury/) "burning (anger)" and חֹ֯רִי (/'ḥury/) "white flour"
חֹרִי	/ḫur'rī/	personal name	Χορρι Blau 1982 §13.2.4a
חֲרִיפִי	/ḫarīpî/?	gentilic of place name חָרוּף/ רִיף*	Blau 1982 §12.
√חרם	√ḫrm	to divide	Arabic ẖarama to split, pierce Cf. Arabic ẖaruma to be forbidden
חָרֵם	/ḫa'rīm/	personal name	Blau 1982 §13.2.4c, 13.2.7
חֵרֶם	/'ḥirm/ ['xɪrm]? ['xɛɾəm]?	drag-net for fishing	Arabic taẖrīmat net Cf. חֵרֶם (EBHP /'ḥirm/) "the ban".
חֶרְמֵשׁ	/ḫir'me:š/	sickle	Ugaritic ẖrmṯt
חָרָן	/ḫar'ra:n/	place name	Χαρραν Blau 1982 §12, 13.2.4a, 13.1.3c Cf. חָרָן (EBHP /ḥa'ra:n/) personal name. Αρραν.
חָרָן	/ḫar'rān/?	personal name	Blau 1982 §13.2.3c

	Root or Word	EBHP */[EBHP]/[+3] *[[EBHP]][4] (c. 850-550 BCE) (? = uncertain whether the phoneme is /ẖ/ or /ḥ/)	Meaning	Comments
	חֲרַכִּים	/ẖara'kīm/	lattice	Arabic ẖaraqa to make a hole Cf. √ḥrk "to cook or stir".
	חֶרֶס	/'ẖars/?	place name	Blau 1982 §13.2.3c
	חַרְסוֹת	/ẖar'sīt/?	place name	Blau 1982 §13.2.6c
	√חרף	√ẖrp	spend the winter (*qal*); to confuse (*piel*); to be betrothed (*niphal*)	Arabic ẖarafa to pluck Cf. √ḥrp "to taunt" (*qal* and *piel*); "to be betrothed" (*niphal*) cognate Arabic ḥrf to be sharp
	חֹרֶף	/'ẖurp/ ['xʊrp]? [xọɔrəp̟]?	winter	Cf. חָרָן (EBHP /ẖa'ran/) personal name
	√חרר	√ẖrr	to be hoarse (niphal)	Syr. Arabic ẖarra to snore Cf. √ḥrr "to burn" (*qal*)
	חֶרֶשׂ	/'ẖarś/ ['xerɬ]? ['xeʳət̪]?	potsherd	Arabic ẖariša to be rough
	√חרש	√ẖrš	to be deaf (qal); to keep silent (hiphil)	Arabic ẖarisa to be deaf, dumb Cf. √ḥrš "to plough, engrave" (*qal*); "to plot evil against" (*hiphil*)
	חָרָשׁ	/ẖar'ra:š/	craftsman	Ugaritic ẖrš

Root or Word	EBHP */EBHP/[+3] *[EBHP][4] (c. 850-550 BCE) (? = uncertain whether the phoneme is /ẖ/ or /ḥ/)	Meaning	Comments
חֹרֶשׁ	/ˈẖurš/? [ˈxuʀ̞]? [ˈxọọrəʔ]?	forest	Ugaritic *ẖršn* mountain but Arabic *ḥirš.* Related words/expressions חֲרֹשֶׁת הַגּוֹיִם, חֹרְשָׁה
חֵרֵשׁ [√ẖrš]	/ẖirˈreːš/	deaf person	
חֶרֶשׁ	/ˈẖarš/? [ˈxeʀ̞] or [ˈxerəʔ]	personal name	Blau 1982 §13.2.3c
חַרְשָׁא	/ẖarˈšaʔ/?	personal and place name (תֵּל חַרְשָׁא)	Blau 1982 §13.2.3c
חֲרֹשֶׁת	/ẖạˈrušt/?	cutting (e.g. of stone)	Blau 1982 §13.2.3c
חֲשׂוּפָה	/ẖạśūˈpaː/?	personal name	Blau 1982 §13.2.3c
חַשְׁבַּדָּנָה	/ẖašbaddanaː/?	personal name	Blau 1982 §13.2.3c
חָשֻׁם	/ẖạˈšūm/?	personal name	Arabic *ẖaṭim* "flat-nosed" Blau 1982 §13.2.3c
חֶשְׁמוֹן	/ẖạšˈmōn/ [xeʃˈmoːn]	personal name	Arabic *ẖaṭim* "flat-nosed"
חַשְׁמֹנָה	/ẖašmōˈnaː/?	place name	Blau 1982 §13.2.3b
חַשְׁמַל	/ẖašˈmal/	electrum?	Akkadian *ẖašmšnu* bluish stone
חַשְׁמַנִּים	/ẖašmaˈnīm/?	bronze articles or red cloths	Egyptian *ẖsmn* caustic soda as a dye but Ugaritic *ẖus*

Root or Word	EBHP */EBHP/[+3] *[EBHP][4] (c. 850-550 BCE) (? = uncertain whether the phoneme is /ẖ/ or /ḥ/)	Meaning	Comments
			/ẖasmannu.
חִשֻּׁר	/ẖiš'**šūr**/	hub of a wheel	Ugaritic ẖtr wing, sieve
חֲשָׂרָה	/ẖaši'**raː**/	sieve	
חֻשָׁתִי	/ẖūša'**tî**/?	gentilic of חושה	Blau 1982 §13.2.3c
חֵת	/'**ẖit**(t)/	eponymous hero of the Hittites	Blau 1982 §13.2.4a
√חתה	√ẖth	to take away (burning coals)	Arabic ẖatā[w] to remove; Eth. ẖatawa to burn
חִתִּי	/ẖit'**tî**/	Hittite	Ugaritic ẖt, ẖty, fem. ẖtyt. See חת Blau 1982 §13.2.4a. 13.2.7
√חתם	√ẖtm	to seal	Denominative from חותם *Ethiopic* ẖatama to seal; Egyptian ẖtm to shut, seal
חֹתֶמֶת [√ẖtm]	/ẖō'**tamt**/	signet-ring	
√חתן	√ẖtn	to intermarry with, to become a son-in-law (hithpael)	ẖtn marry
חֹתֵן [√ẖtn]	/ẖō'**teːn**/	father-in-law	
חָתָן [√ẖtn]	/ẖa'**taːn**/	daughter's husband,	Ugaritic ẖatnu son-in-

	Root or Word	EBHP */EBHP/+3 *[EBHP]4 (c. 850-550 BCE) (? = uncertain whether the phoneme is /ẖ/ or /ḥ/)	Meaning	Comments
			bridegroom, newly married	law
	חֲתֻנָּה [√ẖtn]	/ẖuṭu'naː/	wedding	Canaanite *ẖatnūtu*
	חֹתֶנֶת [√ẖtn]	/ẖōˈtint/	mother-in-law	
	√חתת	√ẖtt	to be shattered (intrans.), to be filled with terror (qal); to dishearten (piel); to shatter (hiphil)	Ugaritic *ẖtꜣ* to crush and *ẖt* broken; Arabic *ẖataꜣa* to be broken up; Tigr. *ẖatta* to be torn
	חֲתַת [√ẖtt]	/ḥaˈtat/	terrors	
	חֲתַת	/ḥaˈtat/?	personal name	Blau 1982 §13.2.3c
ט	√טבח	√ṭbẖ	to slaughter	Ugaritic *ṭbẖ* to slaughter, cook; Arabic *ṭabaẖa* to cook
	טֶבַח [√ṭbẖ]	/ˈṭabẖ/ [ˈtˢʼebx]? [ˈtˢʼebəx]?	slaughtering	
	טֶבַח [√ṭbẖ]	/ˈṭabẖ/ [ˈtˢʼebx]? [ˈtˢʼebəx]?	personal name	Blau 1982 §13.2.4a
	טַבָּח [√ṭbẖ]	/tabˈbaːẖ/	butcher, cook, guard, executioner	
	טַבָּחָה [√ṭbẖ]	/ṭabbaˈẖaː/	female cook	
	טִבְחָה [√ṭbẖ]	/ṭibˈẖaː/	slaughtering	

	Root or Word	EBHP */EBHP/[+3] *[EBHP][4] (c. 850-550 BCE) (? = uncertain whether the phoneme is /ẖ/ or /ḥ/)	Meaning	Comments
	טִבְחַת [√ṭbḥ]	/ṭib'ḥat/	place name	Blau 1982 §13.2.4c
	√טוח	√ṭwẖ	to plaster	Ugaritic ṯḥ to whitewash; Arabic ṭyẖ to smear over
	טִיחַ	/'ṭīẖ/	clay-coating	
י	יְהוֹאָחָז יוֹאָחָז [√ʾẖz]	/yahō̆ʾaẖ'**a:z**/ /yō̆ʾaẖ'**a:z**/	personal name	Blau 1982 §13.2.4c
	יַחְדּוֹ	/yarẖ'**dō**/?	personal name	Blau 1982 §13.1,2.3c
	יַחְזְרָה	/yaḥzi'**ra:**/?	personal name	Arabic ḥaḏira careful, or ḥazara to be clever Blau 1982 §13.2.3c
	יַחְלְאֵל יַחְלְאֵלִי	/yiẖl"**e:**l/? /yiẖlʾi'**lī**/? [yɪxlʾɪ'**li:**]? [yixləʾɛ'**li:**]?	personal name gentilic	Blau 1982 §13.2.3a,b
	יַחַת	'**yẖt**?	personal name	Blau 1982 §13.2.3
	יָנוֹחַ	/yan'**ōẖ**/	personal name	Blau 1982 §12, 13.2.4c
	יֶרַח	/'**yarẖ**/ ['**yerx**]? ['**yerəx**]?	month, personal name	Ugaritic yrẖ, Old South Arabian wrẖ, Eth. warẖ Blau 1982 §12, 13.2.4a
	יָרֵחַ	/yar'**e:ẖ**/	moon	Ugaritic yrẖ moon(-god); Old South Arabian wrẖ

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	Root or Word	EBHP */EBHP/+3 *[EBHP]4 (c. 850-550 BCE) (? = uncertain whether the phoneme is /ḥ/ or /h̬/)	Meaning	Comments
	יְרֵחוֹ	/yạrī'h̬ō/	Jericho	Ιεριχω Blau 1982 §13.2.4b, 13.2.7
	יֶרְחָע	/yar'ha:ʕ/?	personal name	Sept.B Ιωχηλ, Sept.A Ιεθθι, Sept.L Ιερεε
	יֶשַׁח	/'yašh̬/ ['yeʃx]? ['yeʃəx]?	יִשְׁחֲךָ **your filth**	Arabic *wash̬* dirt
כ	כֶּלַח	/'kalh̬/ ['kelx]? ['keləx]?	place name *Kalh̬u*	Χαλακ/χ Blau 1982 §13.2.4a,7
ל	לוֹחֵשׁ [√lh̬š]	/lō'h̬e:š/	personal name	
	לַחְמָס	/lah̬'ma:s/?	place name	Blau 1982 §12, 13.2.6c
	√לחש	√lh̬š	muttering incantations (piel); to whisper to one another (hithpael)	Ugaritic *lh̬št* whispering, *mlh̬š* snake charmer
	לַחַשׁ [√lh̬š]	/'lah̬š/ ['lexʃ]? ['lexəʃ]?	whisper, incantation, amulet	Ugaritic *lh̬št*
מ	מֵחַ [√mh̬h̬]	/'mih̬h̬/	fatling sheep	
	מֹחַ [√mh̬h̬]	/'muh̬h̬/	bone marrow	Arabic *ma/uh̬h̬*, Ugaritic *mh̬*
	מַחֲבֵא [√h̬bʾ]	/mah̬'biʾ/? /mah̬'bê/?	refuge	Arabic *mah̬baʾ* hiding place
	מַחֲבֹא [√h̬bʾ]	/mah̬'bo:ʾ/	hideout	
	מַחֲבַת [√h̬bt]	/mah̬'bat/	1. (metal) plate, roasting or baking; 2. flat, round	

	Root or Word	EBHP */EBHP/+[3] *[EBHP][4] (c. 850-550 BCE) (? = uncertain whether the phoneme is /ẖ/ or /ḥ/)	Meaning	Comments
			cake	
	√מחה	√mẖẖ	flavoured with marrow	Cognate to [√mḫḫ]
	מְחוֹז	/ma'ẖōz/	city, harbour	< Akkadian *māḫāzu* (cult)-centre
	√מחח	√mẖẖ		Arabic *maḫḫa* to suck out marrow
	מְחִידָא	/maḥī'daʾ/?	personal name	Blau 1982 §13.2.3c
	מְחִיר	/ma'ẖīr/	price	< Akkadian *maḫīru*
	מְחִיר	/ma'ẖīr/	personal name	Blau 1982 §13.2.4c
	מְחִלָּה [√ẖll]	/maḥil'la:â/	hole, cave	
	מַחֲלֶה [√ẖlh]	/maẖ'lê/	sickness	
	מַחֲלָה [√ẖlh]	/maẖ'lâ/	sickness	
	מַחְלָה	/maẖ'lâ/?	personal name	Blau 1982 §13.2.3b
	מַחְלוֹן?	/maẖ'lōn/?	personal name	Blau 1982 §13.2.3c
	מַחְלִי	/maẖ'lî/?	personal name	Blau 1982 §13.2.3b,c
	מַחֲלָיִים [√ẖlh]	/maẖlu'yīm/	sickness	
	מַחֲלָף	/maẖ'la:p/		Ugaritic *ẖlpnm*

Root or Word	EBHP */EBHP/*[3] *[EBHP][4] (c. 850-550 BCE) (? = uncertain whether the phoneme is /ẖ/ or /ḥ/)	Meaning	Comments
מַחֲלָפָה [√ẖlp]	/maẖla'pa:/	plait, thick locks of hair	Ugaritic *mḫlpt*
מַחֲלָצוֹת	/maẖla'ṣōt/	white garments, festival dress	Arabic *ḫalaṣa* to be pure, white
מַחֲלֹקֶת [√ẖlq]	/maẖ'luqt/	distribution	
מְחֹלַת	/maẖ'lat/?	musical term	Blau 1982 §13.2.3a,c
מַחֲנָק [√ẖnq]	/maẖ'na:q/	suffocation	
מַחְסֶה [√ẖsh]	/maẖ'sê/	cover, protection	
מַחְסֵיָה	/maẖsi'yah/?	personal name	Blau 1982 §13.2.3c
מַחְסוֹר [√ẖsr]	/maẖ'so:r/	lack	Ugaritic *mḫsrn*
√מחץ	√mḫṣ	to smash	Ugaritic *mḫṣ* also *mḫš*
מַחַץ	/'maẖṣ/ ['mexsˁ]? ['mexəsˁ]?	wound from a blow	
מַחְצֵב	/maẖ'ṣe:b/?	quarry, cut stones	Unclear whether מַחְצֵב is /maẖ'ṣib/ or /maḥ'ṣib/ (cf. Arabic *ḥaṣab* flint)
מֶחֱצָה [√ẖṣh]	/miẖ'ṣâ/	half	
מַחֲצִית [√ẖṣh]	/maẖ'ṣît/	half, middle	
מָחָר	/ma'ẖa:r/?	tomorrow	

	Root or Word	EBHP */EBHP/[+3] *[EBHP][4] (c. 850-550 BCE) (? = uncertain whether the phoneme is /ẖ/ or /ḥ/)	Meaning	Comments
	מַחַת	/'maẖt/? ['mext]? ['mexət]?	personal name	Blau 1982 §13.2.3c
	מְחִתָּה [√ẖtt]	/maẖit'ta:/	terror, ruin, corruption	
	מַחְתָּה	/maẖ'tâ/	scuttle for carrying burning coals or ashes, incense censor.	
	מַטְבֵּחַ [√ṭbẖ]	/maṭ'be:ẖ/	slaughterhouse	
	√מלח	√mlẖ	to be torn to pieces, scatter	Arabic *malaẖa* to dismember
	מַלָּח	/malla:ẖ/	sailor	Sumerian word probably entered Hebrew via Akkadian, Unrelated to מֶלַח "salt"
	מֶלְתָּחָה	/malta'ḥa:/	wardrobe	Ugaritic cognate
	מְמֻחָיִם [√mẖẖ]	/mamuẖẖa'yīm/	flavoured with marrow (pual partic.)	
	מָנוֹחַ [√nwẖ]	/ma'nōẖ/	resting place	Ugaritic *mnẖ* Cf. מְנוּחַ (EBHP /ma'nōẖ/) Arabic *manāẖ* generous /ma'nōẖ/ "generous" father of Samson
	מָנוֹחַ	/ma'nōẖ/?	personal name	Blau 1982 §13.2.3c

	Root or Word	**EBHP** */EBHP/+[3] *[EBHP][4] (c. 850-550 BCE) (? = uncertain whether the phoneme is /ẖ/ or /ḥ/)	Meaning	Comments
	מְנוּחָה [√nwẖ]	/mạnū'**ḥa**ː/	resting place	
	מְנַחַת :מְנֵחַת [√nwẖ]	/ma'**naẖt**/	place and/or personal name	
	מִסְחָר [√sẖr]	/mis'**ẖa**ːr/	commerce	
	מַפֻּחַ .or ,מַפֵּחַ [√npẖ]	/map'**paẖ**/? /map'**puẖ**/?	bellows	Ugaritic *mpẖm*, Arabic *minfa/āẖ*,
	√מרח	√mrẖ		Arabic √mrẖ to rub in, anoint
	מְתוּשֶׁלַח	/mụtu'**šalẖ**/?	personal name	Blau 1982 §13.2.3a,c
נ	נֹבַח	/'**nubẖ**/? ['**nubx**]? ['**noọbəx**ʔ]?	place and personal name	Blau 1982 §13.2.3b,c
	נִבְחַז	/nib'**ẖaz**/?		Blau 1982 §13.2.3c
	√נוח	√nwẖ	to rest etc.	Cf. √nwḥ by form of אנח "to sigh for"
	נוֹחַ [√nwẖ]	/'**nōẖ**/	rest, resting place etc.	Ugaritic *nẖ*, Arabic Old South Arabian *nāẖa* to kneel down (camel)
	נוֹחָה [√nwẖ]	/nō'**ḥa**ː/		Blau 1982 §13.1.
	נֹחַ [√nwẖ]	/'**nōẖ**/	personal name	Νωχος. Blau 1982 §13.1.
	נַחְבִּי	/naẖ'**bî**/?	personal name	Blau 1982 §13.2.3b

Root or Word	EBHP */EBHP/[+3] *[EBHP][4] (c. 850-550 BCE) (? = uncertain whether the phoneme is /ẖ/ or /ḥ/)	Meaning	Comments
נֶחֱלָמִי	/niẖlaˈmî/?	gentilic	Blau 1982 §13.2.3c
נִיחֹוֹחַ [√nwẖ]	/nīˈẖōẖ/	soothing odor	
נָחֹור	/naˈẖōr/?	personal name	Ugaritic ꜣnẖr, Arabic *nāẖiru* hog Blau 1982 §13.2.6a
נְחִיר [√nẖr]	/naˈẖīr/	nostril	Arabic *manẖar* nostril
נַחַל	/ˈnaẖl/ [ˈnexl]? [ˈnexəl]?	river valley, wadi, date-palm	Arabic *naẖl* Cf. נחל (BH *nḥl*) Ugaritic *nḥl* son and heir, *nḥlt* property, estate
נַחֲלִיאֵל	/naẖlīˈʔeːl/?	place name	Blau 1982 §13.2.3b
נֶחֱלָמִי	/niẖlaˈmî/?	gentilic	Blau 1982 §13.2.3c
√נחר	√nẖr	puff, be angry	Arabic *naẖara*, Eth. *neẖra*, Ugaritic ꜣnẖr
נַחַר	/ˈnaẖr/ [ˈnexr]? [ˈnexər]?	the snorting (of a horse)	the snorting (of a horse)
נַחֲרָה	/naẖˈraː/		the snorting (of a horse)
נַחְרִי	/naẖˈray/?	personal name	Blau 1982 §13.2.3c
נַחַת	/ˈnaẖt/ [ˈnext]? [ˈnexət]?	calm, peace	Ugaritic *nẖt* . Blau 1982 §12. Cf. נַחַת (EBHP /ˈnaẖt/) personal name

	Root or Word	**EBHP** */[EBHP]/[+3] *[[EBHP]][4] (c. 850-550 BCE) (? = uncertain whether the phoneme is /ḫ/ or /ḥ/)	Meaning	Comments
	√נסח	√nsḫ	tear down, tear away	Arabic *nasaḫa* to eradicate, abolish, copy
	√נפח	√npḫ	blow, breathe, etc.	Syriac to blow, Arabic *nafaḫa* to blow, *nafaḥa* to be fragrant, Old South Arabian *npḫ*, Ethiopic *nafḫ/ḥa*
	נְצִיחַ	/naˈṣīḫ/?	personal name	Blau 1982 §13.2.3c
	√נתח	√ntḫ	to cut up meat into pieces	Arabic *nataḫa* to remove hair
	נֵתַח	/ˈnitḫ/ [ˈnɪtx]? [ˈnɛtəx]?	piece of meat	
ס	סוּחַ	/ˈsūḫ/	place name	Blau 1982 §12.
	סוּחָה	/sūˈḫaː/	rubbish	Arabic *suwāḫ* mire: rubbish
	סְחִי	/ˈsaḫy/	off-scouring	
	√סחר	√sḫr	act as a merchant	Ugaritic proper n. *sḫr(n)* Cf. סֹחָרֶת (EBHP /suˈḥart/) mineral in mosaic floor Est 1:6
	סַחַר [√sḫr]	/ˈsiḫr/ [ˈsɪxr]? [ˈsɛxər]?	trading profit	
	סְחֹרָה [√sḫr]	/saḫuˈraː/	commercial activity	

	Root or Word	EBHP */EBHP/[+3] *[EBHP][4] (c. 850-550 BCE) (? = uncertain whether the phoneme is /ẖ/ or /ḥ/)	Meaning	Comments
	סִיחֹ(ו)ן	/sīˈẖōn/?	personal name	Blau 1982 §13.2.3b
	√סלח	√slẖ	to forgive	Arabic *slḥ* to strip off; ? Ugaritic *slḥ npš*
	סַלָּח [√slẖ]	/salˈlaːẖ/	ready to forgive	
	סְלִיחָה [√slẖ]	/saₗīˈẖaː/	pardon	
	סַנְחֵרִיב	/sanẖeːˈrīb/	Sennacherib, king of Assyria	Σενναχηριβο; *Sin-aḫḫē-erība*
	סָרַח (תִּמְנַת־סָרַח)	/ˈsarẖ/ [ˈserx]? [ˈserₑx]?	place name	Blau 1982 §12, 13.2.6c
פ	פַּח	/ˈpaẖẖ/	trapping net	Arabic *faḫḫ* net, snare
	פַּח	/ˈpaẖ/	thin plate of metal	Egyptian *pḥ'*
	√פחד	√pẖd	tremble, fear	Akkadian *paḫādu* to be startled, tremble
	פַּחַד	/ˈpaẖd/ [ˈpexd]? [ˈpexₑd]?	trembling, dread	
	פַּחְדָּה	/paẖˈdaː/	fear	
	פֶּחָה	/paˈẖaː/	Assyrian or Persian	loanword from Akkadian *bēl*

Sennacherib the prism inscription; Pritchard *Texts* 287f

		EBHP */EBHP/[+3] *[EBHP][4] (c. 850-550 BCE) (? = uncertain whether the phoneme is /ḫ/ or /ḥ/)		
	Root or Word		Meaning	Comments
			governor	*pīḫāti/pāḫāti* Blau 1982 §13.2.7
	√פחז	√pḫz	to be insolent, undisciplined, gush over (water)	Arabic *faḫaza* to be proud, boast.
	פַּחַז	/ˈ**paḫz**/ [ˈ**pexz**]? [ˈ**pe**xəz]?	brimming over in the heat of passion	
	פַּחֲזוּת	/paḫˈ**zūt**/	boasting	
	√פחח	√pḫḫ	to be trapped (hiphil)	denominative vb. from פַח Arabic *faḫḫ* net, snare, trap
	פַּחַת	/ˈ**paḫt**/ [ˈ**pext**]? [ˈ**pe**xət]?	pit, ravine	Arabic *faḫata* to dig; ? Akkadian *patāḫu* (AHw. 846f) to push through, pierce through.
	פַּחַת מוֹאָב	/paḫḫat mōˮ**a:b**/	name of tribal ancestor	
	פְּחֶתֶת	/paˈ**ḥatt**/?	a fungal infestation, mildew	Unclear whether פְּחֶתֶת is derived from /paˈḥatt/ or /paˈḥatt/
	√פסח	√psḫ?	to limp, pass by, spare	Blau 1982 §12. Unclear whether the root is *psḫ* or *psḥ*. Arabic *fasaḥa* to
	פֶּסַח [√psḫ]	/ˈ**pasḫ**/ [ˈ**pesx**]? [ˈ**pe**səx]?	passover	

	Root or Word	EBHP */EBHP/[+3] *[EBHP][4] (c. 850-550 BCE) (? = uncertain whether the phoneme is /ẖ/ or /ḥ/)	Meaning	Comments
	פֶּסֵחַ [√psẖ]	/pa'**se:ẖ**/	personal name	dislocate, put out of joint, Arabic *fasaḥa* to be (or become) distant); cf. Akkadian *pessû* (AHw. 856f) lame
	פִּסֵּחַ [√psẖ]	/pis'**se:ẖ**/	limping	
	פַּעְנֵחַ	/paᶜ'**ne:ẖ**/	second element of Joseph's Egyptian title צָפְנַת פַּעְנֵחַ	Ψονιθομφανηχ Blau 1982 §13.2.4b
	√פצח	√pṣẖ	to smash up someone's bones (piel)	Arabic *faḍaẖa*; Eth. *fasḥa* to smash, destroy Cf. *psḥ* "to be happy"
	√פרח	√prẖ	to sprout, flower etc.	Arabic *faraẖa* of birds, to incubate, have young, hatch; of trees, to put out new shoots, spread, gain ground (Wehr-Cowan 703a); Egyptian *prẖ* to burst into flower
	פֶּרַח [√prẖ]	/'**parẖ**/ ['**pe**ʁx]? ['**pe**ʁəx]?	bud, blossom	
	פִּרְחַח [√prẖ]	/pir'**ẖaẖ**/	brood	
	√פשח	√pšẖ	tear to pieces	Arabic *fasaẖa* to dislocate, put out of joint, tear to shreds
	פַּשְׁחוּר	/paš'**ẖūr**/	personal name	Blau 1982 §13.2.6c, 13.2.7

	Root or Word	EBHP */[EBHP]/+3 *[EBHP]4 (c. 850-550 BCE) (? = uncertain whether the phoneme is /ẖ/ or /ḥ/)	Meaning	Comments
	פָּתוּחַ	/pit'tūẖ/ [ptẖ]	engraving	
	√פתח	√ptẖ	to engrave	Denominative from פָּתוּחַ Cf. √ptẖ "to open"
צ	צִיחָא	/ṣīẖaʾ/?	personal name	Blau 1982 §13.2.3c
	√צמח	√ṣmẖ	to sprout etc.	
	צֶמַח	/ˈṣamẖ/ [ˈsˤemx]? [ˈsˤeməx]?	sprouting	Ugaritic √ṣmẖ in the personal name *ysmẖ*; Arabic *ḏmẖ* to oil, rub in
	צחן√* :צַחֲנָה	√ṣnẖ	stench	Arabic *saniẖ* and *zaniẖ* to stink
	צְלָפְחָד	/ṣ̌alupˈḥaːd/?	tribal name	Blau 1982 §13.2.3b
	√צרח	√ṣrẖ	to scream for help	Old South Arabian sbst. *ṣrẖ* shout, cry of lamentation; Arabic *ṣaraẖa* to cry, yell, cry for help, call. Cf. צְרִיחַ (EBHP /ṣaˈrīẖ/) vault
	צֶרַח [√ṣrẖ]	/ˈṣarẖ/ [ˈsˤerx]? [ˈsˤerəx]?	war-cry	
ק	קַלַּחַת	/qalˈlaẖt/	cauldron	loanword from Egyptian *qrẖt*; Ugaritic *qlẖt*
	קֶרַח	/ˈqarẖ/? [ˈkˤerx]? [ˈkˤerəx]?	ice	Syriac *qarẖā* ice; Akkadian *qarẖu* ice Cf. *qarẖ* "to be or

	Root or Word	EBHP */EBHP/[+3] *[EBHP][4] (c. 850-550 BCE) (? = uncertain whether the phoneme is /ẖ/ or /ḥ/)	Meaning	Comments
				become bald"
ר	רְחָב	/ra'ḥa:b/	personal name	Ραχάβ
	רְחֵל	/ra'ḥe:l/	ewe, Rachel	Arabic *raẖil, riẖl* Ραχηλ Blau 1982 §13.2.4a
	רְחָם	/ra'ḥa:m/	Egyptian vulture (*Vultur percnopterus*)	Cf. *rḥm* "to love, take pity etc." which has a number of derived nouns
	√רחש	√rẖš	to be moved, aroused	Arabic *raẖaša* to be excited, aroused
	רֶפַח	/'raph/? ['ʀɛpx]? ['ʀɛpəx]?	personal name	Arabic *rafaẖa* Blau 1982 §13.2.3c
שׁ	√שׂחט	√śẖṭ	to press out grapes	Akkadian *ṣaẖātu(m)* to press out, extract sesame oil, process wine and juices
שׁ	שִׁלֹחַ	/šil'lōẖ/?	name of a spring	Blau 1982 §13.2.3c. Nb. HALOT's comment "place name, identical to III שֶׁלַח with a secondary vocalisation probably modelled on גִּיחוֹן".
	שִׁלְחִי	/šal'ẖî/?	personal name	Blau 1982 §13.2.3c
	שִׁלְחִים	/šalẖîm/?	personal name	Blau 1982 §13.2.3c

Root or Word	EBHP */EBHP/[+3] *[EBHP][4] (c. 850-550 BCE) (? = uncertain whether the phoneme is /ẖ/ or /ḥ/)	Meaning	Comments
√שׂמח	√śmẖ	rejoice	Ugaritic √šmẖ to rejoice
שָׂמֵחַ [√śmẖ]	/śaˈmeːẖ/	happy	
שִׂמְחָה [√śmẖ]	/śimˈẖaː/	rejoicing	
√שבח	√šbḥ	to calm, bring to rest	Arabic *sabaḥa* to be distant from, be unperturbed, be calm, II to make calm, pacify Cf. √šbḥ "to praise." Arabic *sabbaḥa*
√שגח	√šgẖ ?	to notice, gaze at	Unclear whether the root is √šgẖ or √šgḥ
√שוח	√šwẖ	to sink, subside, collapse	Arabic vb. *sāẖa(w)* to sink down By-form of שחח, שחה Cf. שׁוּחַ (EBHP /ˈšūẖ/) a masc. personal name.
שׁוּחָה	/šūˈẖaː/	trapper's pit	
שַׁח	/ˈšaẖ/	bowed, stooped	
שׁוּחָה	/šūˈẖaː/	Egyptian place name in the Negev	Ασχα(ς)
שֻׁתַּלְחִי שׁוּתֶלַח	/šūˈtalẖ/? /šūtalˈẖī/?	tribal name gentilic	Blau 1982 §13.2.3b
√שחד	√šẖd?	to present, donate, especially to extend a favour to someone, bribe	Unclear whether the root is √šẖd or √šḥd

Root or Word	EBHP */EBHP/[+3] *[EBHP][4] (c. 850-550 BCE) (? = uncertain whether the phoneme is /ẖ/ or /ḥ/)	Meaning	Comments
שֹׁחַד	/ˈšuẖd/ [ˈʃuxd]? [ʃɔxˈɛd]?	a bribe, bribery	
√שׁחר	√šẖr	search for etc	Cf. √šḥr "black, magic"
√שׁחט	√šẖṭ	to slaughter	Ugaritic *šẖṭ* slaughterer, butcher
שְׁחִיטָה [√šẖṭ]	/šaẖīˈṭaː/	slaughting	
שְׁחִין	/šaˈẖīn/	boil or some king of ulcer	Eth. *siẖīn* something set on fire, meaning incense; Arabic adj. *suẖn* hot, warm; sbst. *saẖānat/suẖūnat* heat, warmth: ulcer, inflamed spot
√שׁחן	√šẖn	to warm	
שַׁחַף	/ˈšaẖp/?	forbidden bird	Arabic *ẖuffāš*?
√שׁחץ	√šẖṣ?	MHeb. pi. to strut, hitp. to hold oneself aloof, adj. arrogant, vain, proud	Eth. *šiẖiṣa* to be cheeky, be impudent, be daring (Dillmann *Wb*. 234); adj. *šiẖūṣ* cheeky, bold; Arabic *šaẖaṣa* to rise up, tower above.
שַׁחַץ [√šẖṣ]	/ˈšaẖṣ/ [ˈʃexsˤ]? [ˈʃexəsˤ]?	pride, conceit	
שַׁחֲצַיִם [√šẖṣ] שַׁחֲצוּמָה	/šaẖˈṣaym/? /šaẖˈṣaymah/?	place name "double elevation"	Blau 1982 §13.2.3c

	Root or Word	EBHP */EBHP/+[3] *[EBHP][4] (c. 850-550 BCE) (? = uncertain whether the phoneme is /ẖ/ or /ḥ/)	Meaning	Comments
	שִׁיחָה	/šīẖaː/	trap	By-form of שׂוח
	שֶׁלַח	/ˈšalẖ/? [ˈʃelx]? [ˈʃeləx]?	personal name	Blau 1982 §13.2.3a
	שִׁלֹחַ	/šilˈlōẖ/?	place name	Blau 1982 §13.2.3c
	שֶׁלְחִי	/šalˈẖî/?	personal name	Blau 1982 §13.2.3c
	שְׁלְחִים	/šalẖīm/?	personal name	Blau 1982 §13.2.3c
ת	תּוֹחַ	/ˈtōẖ/?	personal name	Variant of תֹּחוּ Blau 1982 §13.2.3c
	תּוֹתָח	/tōˈtaːẖ/	cudgel	Arabic vb. *wataḥa* to strike with a club or a cudgel is most likely
	תַּחְבֻּלוֹת		the art of leadership etc.	derivation of the word not certain Blau 1982 §13.2.3c
	תֹּחוּ	/tuẖw/?	personal name	Variant of תּוֹחַ Blau 1982 §12, 13.2.3c
	תַּחְפַּנְחֵס	/taẖpanˈheːs/?	Egyptian place name	Blau 1982 §13.2.1,3c, 13.2.6c
	תַּחְרָא	/taẖˈraːʾ/?	opening for the head in the ceremonial garment of the High Priest	Unclear whether the word is /taẖˈrā/ or /taḥˈrā/
	תַּחְרֵעַ	/taẖˈriˁ/?	personal name	Blau 1982 §13.2.3c

	Root or Word	EBHP */EBHP/+[3] *[EBHP][4] (c. 850-550 BCE) (? = uncertain whether the phoneme is /ḥ/ or /h̬/)	Meaning	Comments
	תַּחַשׁ	/'taḥš/? ['texʃ]? ['texəʃ]?	dolphin, personal name	Τοχος Blau 1982 §13.2.6a
	תֶּלַח	/'talḥ/? ['telx]? ['teləx]?	personal name	Blau 1982 §13.2.3c
	תֶּמַח	/'tamḥ/? ['temx]? ['teməx]?	personal name	Blau 1982 §13.2.3c
	תִּפְסַח	/tip'saḥ/?	place name	Blau 1982 §13.2.3c
	תֶּרַח	/'tarḥ/? ['terx] or ['terəx]	personal and place name	Blau 1982 §13.2.3a,b
	תִּרְחָנָה	/tirḥana:/?	personal name	Θαρχνα. Blau 1982 §12.

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[1] For frequency counts of polyphonic consonants see Blau 1982.

[2] In transliterating consonantal phonemes I use the Society of Biblical Literature (SBL) *Academic Translation Style* (TH_SBL). I generally to use the IPA system to transliterate consonantal phones.

[3] See *Phones and Phonemes* - http://www.houseofdavid.ca/anc_heb_6.htm#phone_phonym.

[4] Note, in reconstructed [EBHP] transliterations and sound files -

1. there is no spirantization of the *bgdkpt* consonants - http://www.houseofdavid.ca/anc_heb_tequ.htm#bgdpt;

2. vowel qualities are outlined here - http://www.houseofdavid.ca/anc_heb_6.htm#ebhp_vow_qual;

3. I use the most probable form. Where no one form stands out as most probable, I select the one closest to the MT vocalization.

4. when multiple forms are possible, the form used is <u>underlined</u>.

[5] The first ח undoubtedly = ẖ however there is some doubt about the second ח.