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Words Significantly Different in Pronunciation in EBHP¹

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Nb.

1. [***N.b. Vowel Qualities of Reconstructed \[EBHP\]***](#)

2. When multiple forms are possible, the form used in [EBHP] transliterations and sound files is underlined.

The Case System of Proto-Hebrew

As [illustrated elsewhere](#), PH originally had a system of case endings similar to that of Classical Arabic². As in Classical Arabic, attached pronominal suffixes, if any, followed the case endings. For the noun forms in the singular, feminine singular this consisted of a system of three cases³ (nominative - suffix *u* ([constr. *u* > Ø during PH period](#)); accusative - suffix *a* (constr. *a* > Ø during PH period); genitive - suffix *i* (constr. *i* > Ø during PH period)). Nouns in the dual, masculine plural and feminine plural all had two cases⁴ -

dual - nominative - suffix *á:mi* (constr. and before pronominal suffix *a:*); oblique (= accusative plus genitive) - suffix *áymi* (constr. and before pronominal suffix *ay*);

masculine plural - nominative - suffix *ú:ma* (constr. and before pronominal suffix *u:*); oblique - suffix *í:ma* (constr. and before pronominal suffix *i:*); and,

feminine plural - nominative - suffix *ó:tu* (constr. and before pronominal suffix *o:t*); oblique - suffix *ó:ti* (constr. and before pronominal suffix *o:t*).⁵

At some time, presumably related to the drastic reduction in the use of the dual and the decline of the case system in late [BHA phase 2](#), the oblique ending (*í:ma* > *í:m*) became the single suffix for mp. absolute nouns and the dual oblique construct (*ay*) became the single suffix for mp. construct nouns.

For this reason, in the following table, I will use the general approach in PH reconstructions of showing, where possible, the PH vocalization that developed into the BH form. Thus, for PH reconstructions I will -

- illustrate noun forms in masculine singular, feminine singular, and feminine plural in the nominative case;
- illustrate masculine plural and dual construct noun forms in the oblique case; and,
- illustrate masculine plural absolute noun forms in the oblique case.

1. Nouns (including adjectives) based on *Two Consonants*

(forms with long (doubled) second consonant follow this link)

Forms	Reconstructed Development to PH (up to c. 1000 BCE)	EBHP * <u>EBHP</u> /* * <u>EBHP</u> ⁶ (c. 850-550 BCE)	TH * <u>[TH]</u> (c. 850 BCE)	Meaning/Comments
qa' <u>la: fs.</u> of 'qa:/'	/a'matu/	/a'mâ/ [ʔe'me:]	אמָא [ʔo:'mo:]	female servant, slave-wife
	/ša'pātu/	/ša'pâ/ [ʔe:'pe:]	שָׁפָה [so:'fo:]	lip, language
	/ša'nātu/	/ša'nâ/ [ʔe'ne:]	שָׁנָה [ʔo:'no:]	year
<u>qil</u> (Tiberian קל) ⁷	/'i <u>lu</u> /	/'e:l/ [ʔe:l]	אֵל [ʔe:l]	god - <i>abs. form</i>
	/,i <u>l</u> /	/,il/ [,ʔil] ? [ʔɛl] ?	אֵל, [,ʔɛl]	god of- <i>cstr. form.</i>
	/'binu/	/'be:n/ [bɛ:n]	בֶּן [bɛ:n]	son - <i>abs. form.</i>
	/,bin/	/,bin/ [,bin] ? [,bɛn] ?	בֶּן, בְּן, [bin], [bɛn]	son of- <i>cstr. form.</i>
	/'bintu/ > /'bittu/	/'batt/ [bɛt]	בַּת ⁸ [bɛ:θ]	daughter
	/'le:ʂu/?	/'le:ʂ/ [lɛ:sʔ]	לָצַח [lɛ:sʔ]	mocker
	/'cidu/	/'ce:d/ [ʔe:d]	עֵד [ʔe:ð]	witness - <i>abs. form</i>
	/,cid/	/,cid/ [,ʔid] ? [,ʔɛd] ?	עֵד, [,ʔe:ð]	witness of- <i>cstr. form.</i>
	/'ciʂu/	/'ce:ʂ/ [ʔe:sʔ]	עֵץ [ʔe:sʔ]	tree - <i>abs. form</i>
	/ciʂ/	/,ciʂ/ [,ʔisʔ] ? [,ʔɛsʔ] ?	עֵץ, [,ʔe:sʔ]	tree of- <i>cstr. form.</i>
	/'ri/	רֵעַ [re:.ɛʔ]	companion.	
/'šimu/	/'še:m/ [ʔe:m]	שֵׁם [ʔe:m]	name - <i>abs. form</i>	
/,šim/	/,šim/	שֵׁם, [ʔe:m]	name of- <i>cstr. form</i>	

<i>Forms</i>	Reconstructed Development to <u>PH</u> (up to c. 1000 BCE)	<u>EBHP</u> */EBHP/* * <u>[EBHP]</u> ⁶ (c. 850-550 BCE)	<u>TH</u> * <u>[TH]</u> (c. 850 BCE)	Meaning/Comments
		[,ɪm] or [,ɛm]	[,jɛ:m]	
	/šitu/	/šɛ:t/ [',jɛ:t]	תש'	base, foundation - <i>abs. form</i>
	/,šit/	/,šit/ [,ɪt]? [,ɛt]?	תש', [,jɛ:θ]	base of- <i>cstr. form</i>
	/'gišatu/ > /'gištu/	/'gišt/ ['gɪt]? ['gɪθ]?	תשג' ['gɛ:θ]	approaching (<i>inf. cstr. qal of שג</i>).
	/di ^o atu/	/di ^o â/ [di'ɲɛ:]? [dɛ'ɲɛ:]?	דע' [dɛ:'ɲɔ:]	knowledge (<i>qal verbal noun ידע</i>).
	/'di ^o atu/ > /di ^o tu/	/'di ^o t/ ['di/ɛɲt]? ['di/ɛθɛt]?	דעת' [dɛ:'ɲɛθ]	knowledge (<i>inf. cstr. qal of ידע</i>).
	/zi ^o atu/	/zi ^o â/ [zi'ɲɛ:]? [zɛ'ɲɛ:]?	זע' [zɛ:'ɲɔ:]	sweat (<i>qal verbal noun יזע</i>).
	/hi ^o matu/	/hi ^o mâ/ [hɪ'mɛ:]? [hɛ'mɛ:]?	חמה [hɛ:'mɔ:]	heat, anger.
	/'t ^o atu/	/'t ^o t/ ['t'ɛɲt]? ['t'ɛθɛt]?	טעת' [tɛ:'ɲɛθ]	planting (<i>inf. cstr. qal of טע</i>).
	/'lidatu/ > /li ^o datu/	//i ^o dâ/ [lɪ'dɛ:]? [lɛ'dɛ:]?	לדה [lɛ:'ðɔ:]	giving birth (<i>qal verbal noun ילד</i>).
	/'lidatu/ > /li ^o tu/	/'li ^o t/ ['li ^o t]? ['li ^o θɛt]?	לדת' [lɛ:'ðɛθ]	giving birth (<i>inf. cstr. qal of ילד</i>).
	/'likatu/ > /li ^o ktu/	/'li ^o kt/ ['li ^o kt]? ['li ^o θɛt]?	לכת' [lɛ:'xɛθ]	going (<i>inf. cstr. qal of הלך</i>).
	/mi ^o atu/	/mi ^o â/ [mi'ɲɛ:]? [mɛ'ɲɛ:]?	מאה [mɛ:'ɲɔ:]	hundred.
	/'s ^o atu/	/'s ^o t/ ['sɛɲt]? ['sɛθɛt]?	סעת' [sɛ:'ɲɛθ]	breaking camp, travelling (<i>inf. cstr. qal of נסע</i>).
	/ci ^o datu/	/ci ^o dâ/ [ɲɪ'dɛ:]? [ɲɛ'dɛ:]?	עדה [ɲɛ:'ðɔ:]	community.
	/ci ^o šatu/	/ci ^o šâ/ [ɲɪ's'ɛ:]? [ɲɛ's'ɛ:]?	עצה [ɲɛ:'s'ɔ:]	plan.
	/pi ^o atu/	/pi ^o â/ [pi'ɲɛ:]? [pɛ'ɲɛ:]?	פאה [pɛ:'ɲɔ:]	edge.
	/'š ^o itu/	/'š ^o t/ ['s'ɪt] (EBHP?) >	צאת'	going out (<i>inf. cstr. qal of</i>

<i>Forms</i>	Reconstructed Development to <u>PH</u> (up to c. 1000 BCE)	<u>EBHP</u> */EBHP/* * <u>[EBHP]</u> ⁶ (c. 850-550 BCE)	<u>TH</u> * <u>[TH]</u> (c. 850 BCE)	Meaning/Comments
		/ʃêṯ/ [ʃ'e:t] (EBHP?)	[ʃ'e:θ]	יצא). See <i>*qī' > *qēl > q'</i> <i>ēl</i> Will use [ʃ'rīt] in abs. and [ʃ'e:t] in constr. in [EBHP] transliterations
	/ʔiṣtu/	/ʔiṣt/ [ʔiʃt]? [ʔiʃet]?	קִשָּׁת [ʔiʃ:θ]	bow.
	/ridtu/	/ridt/ [ridt]? [ridet]?	יָרַדַת [rið:θ]	going down (inf. cstr. qal of ירד).
	/šibtu/	/šibt/ [ʃibt]? [ʃibet]?	שָׁבַת [ʃ:vəθ]	sitting (inf. cstr. qal of ישב).
	/ši'natu/	/ši'nâ/ [ʃi'ne:]? [ʃ'ne:]?	שֵׁנָה [ʃe:'nə:]	sleep (qal verbal noun ישן).
	/ti'batu/	/ti'bâ/ [ti'be:]? [t'e'be:]?	תֵּבָה [te:'və:]	ark.
<i>qul</i>	/ʔuru/	/ʔo:r/ [ʔo:r]	תּוֹר [ʔo:r]	dove
<i>qall (list)</i>	/ḥayyu/	/ḥayy/ [ḥe:yy]	חַי [ḥe:y]	alive
<i>(f.)</i>	/ḥay'yatu/	/ḥay'yâ/ [ḥey'ye:]	חַיָּה [ḥey'yo:]	wild animal
<i>qill (list)</i>	/ʔimmu/	/ʔimm/ [ʔimm]	אִמָּה [ʔe:m]	mother
<i>qull (list)</i>	/ḥuqqu/	/ḥuqq/ [ḥuk'k]	חֻק [ḥo:k]	law
<i>(f.)</i>	/ḥuq'qatu/	/ḥuq'qâ/ [ḥuk'kâ:]	חֻקָּה [ḥuk'kâ:]	law, decree

2. Nouns (including adjectives) based on *Three Consonants* having (in masc. sing.) *One (phonemic) Vowel in EBHP*

<i>Forms</i>	Reconstructed Development to <u>PH</u> (up to c. 1000 BCE)	<u>EBHP</u> */EBHP/* * <u>EBHP</u> ° (c. 850-550 BCE)	<u>TH</u> * <u>[TH]</u> (c. 850 BCE)	Meaning/Comments
<u>qatl</u>	/'malku/	/'malk/ ['melk]? ['mɛlək]?	מֶלֶךְ ['mɛ:lɛx]	king.
בִּינָה	/'bintu/	/'bitt/ ['bitt]	בַּת ['beθ]	daughter. (Shift */bit(t)/ > /bat/ due to <u>Philippi's law</u>)
<u>ayin-guttural roots</u>	/'lahbu/	/'lahb/ ['ləhb]? ['ləħə ɬ?]	לֶהֱבֵה ['le:hav]	flame.
	/'lahmu/	/'lahm/ ['ləhm]? ['ləħə nɬ?]	לֶחֶם ['le:hɛm]	bread.
	/'nahlu/	/'nah/ ['nɛx]? ['nɛxə ɬ?]	נַחַל ['ne:hɛl]	wadi.
	/'naclu/	/'nac/ ['nɛʃl]? ['nɛʃə ɬ?]	נַעַל ['ne:ʃɛl]	shoe. Will use ['nɛʃ] in [EBHP] transliterations
	/'nacrū/	/'nac/ ['nɛʃr]? ['nɛʃə ɬ?]	נַעַר ['ne:ʃɛr]	youth (noun).
	/'pahdu/	/'pahd/ ['pɛxd]? ['pɛxə ɬ?]	פָּתַד ['pe:hɛð]	trembling.
	/'rahmu/	/'rahm/ ['rɛhm]? ['rɛħə nɬ?]	רֶחֶם ['re:hɛm]	womb.
	/'θaḡru/	/'šaḡr/ ['ʃɛɣr]? ['ʃɛxə ɬ?]	שַׁעַר ['ʃɛ:ʃar]	gate.
<u>א"ב roots</u>	/'gabʷu/	/'gabʷ/ ['gebʷ]? ['gebeʷ]?	גִּבְיָה [gɛ:vɛ:]	pond.
	/'tanʷu/	/'tanʷ/ ['tʰɛnʷ]? ['tʰɛnɛʷ]? ['tʰɛnɛ:]?	תַּנְוָה ['tʰɛ:nɛ:]	vase.
	/'parʷu/	/'parʷ/ ['perʷ]? ['perɛʷ]? ['pɛrɛ:]?	פָּרָא ['pɛ:rɛ:]	wild ass.
<u>א"ב roots</u> ¹⁰	/'gadʷu/ >	/'gady/	גִּדְיָה kid.	

<i>Forms</i>	Reconstructed Development to <u>PH</u> (up to c. 1000 BCE)	<u>EBHP</u> * <u>EBHP</u> ? * <u>[EBHP]</u> ? (c. 850-550 BCE)	<u>TH</u> * <u>[TH]</u> (c. 850 BCE)	Meaning/Comments
	/ˈgadyu/ ¹¹	[ˈgedy]? [ˈgediy]?	[gəˈði:]	
	/ˈkalyu/	/ˈkaly/ [ˈkely]? [ˈkeliy]?	כָּלִי [kəˈli:] (pausal כָּלִי [ˈkɛ:li:])	tool, vessel.
	/kilaˈyīma/ ¹²	/kilaˈyīm/ (/EBHP?) > /kiˈlīm/ (/EBHP?)	כְּלִים [kɛ:ˈli:m]	tools.
	/ˈlahyu/	/ˈlahy/ [ˈlehy]? [ˈlehiy]?	לְחִי [ləˈhi:] (pausal לְחִי [ˈlɛ:hi:])	jaw bone.
	/ˈpatyu/	/ˈpaty/ [ˈpety]? [ˈpetiy]?	פְּתִי [ˈpɛ:θi:]	naïve young man.
<u>ל"ו roots</u> (consonantal י ו)	/ˈʔawnu/	/ˈʔawn/ [ˈʔewn]	אָוֶן ¹³ [ˈʔɔ:wɛn]	wickedness - <i>abs. form</i>
	/ʔawn/	/ˈʔawn/ [ˌʔewn]? [ˌʔɔ wj]?	אֶוֶן, [ˌʔɔ:n]	wickedness of- <i>cstr. form.</i>
	/ˈmawtu/	/ˈmawt/ [ˈmewt]	מָוֶת ¹⁴ [mɔ:wɛθ]	death - <i>abs. form</i>
	/,mawt/	/,mawt/ [ˌmewt]? [ˌmɔ wj]?	מוֹת, [ˌmo:θ]	death of- <i>cstr. form</i>
	/ˈcawlu/	/ˈcawl/ [ˈʔewl]	עוֹל [ˈʔɔ:wɛl]	injustice - <i>abs. form</i>
	/cawˈlatu/	/cawˈlâ/ [ʔewˈlɛ:]	עוֹלָה [ʔewˈlɔ:]	injustice
	/ˈtawku/	/ˈtawk/ [ˈtawk]	תוֹךְ [ˈtɔ:wɛx]	midst - <i>abs. form</i>
	/,tawk/	/,tawk/ [ˌtawk]? [ˌtɔ wj]?	תוֹךְ, [ˌto:x]	midst of- <i>cstr. form.</i>
<u>ל"ו roots</u> (consonantal י ו)	/ˈbaytu/	/ˈbayt/ [ˈbeyt]	בַּיִת [ˈbe:yiθ]	house - <i>abs. form</i>
	/,bayt/	/,bayt/ [ˌbeyt]? [ˌbeyt]?	בַּיִת, [ˌbe:θ]	house of- <i>cstr. form.</i>
	/bayaˈtīma/ ¹⁵	/bayaˈtīm/ (/EBHP?) > /batˈtīm/ (/EBHP?)	בָּתִּים [bɔ:tˈti:m]	houses

Forms	Reconstructed Development to <u>PH</u> (up to c. 1000 BCE)	<u>EBHP</u> */EBHP/* * <u>[EBHP]</u> ⁹ (c. 850-550 BCE)	<u>TH</u> * <u>[TH]</u> (c. 850 BCE)	Meaning/Comments
	/zaytu/	/zayt/ [zeyt]	זַיִת [ze:yiθ]	olive - <i>abs. form</i>
	/,zayt/	/,zayt/ [zeyt]? [<u>zēyt</u>]?	זַיִת, [ze:θ]	olive of- <i>cstr. form.</i>
	/šaydu/	/šayd/ [s'eyd]	צֵיד [s'e:yið]	game (hunting) - <i>abs. form</i>
	/,šayd/	/,šayd/ [s'eyd]? [<u>s'ēyd</u>]?	צֵיד, [s'e:ð]	game (hunting) of- <i>cstr. form.</i>
	/šay'datu/	/šay'dâ/ [s'ey'da:]? [<u>s'ēy'da:</u>]?	צֵידָה [s'e:'ða:]	food for a journey.
<i>qitl</i>	/sitru/	/sitr/ [sitr]? [sitr̥]?	סֵתֶר [sɛ:θɛr]	secret.
	/sit'ratu/	/sit'râ/ [sit're:]	סֵתֶרָה [siθ'ro:]	protection.
<i>חִי roots</i> ¹⁶ NB. See Tequ here	/hīsyu/	/hīsy/ [xɪs'y]? [<u>xɪs'iy</u>]?	חֵצִי [ħă's'i:] (pausal חֵצִי [ħe:s'i:]) ¹⁷	half.
	/miryu/	/miry/ [mɪry]? [<u>mɪriy</u>]?	מְרִי [pə'ri:] (pausal מְרִי [pɛ:ri:])	contentiousness.
	/piryu/	/piry/ [pɪry]? [<u>pɪriy</u>]?	פְּרִי [pə'ri:] (pausal פְּרִי [pɛ:ri:])	fruit.
	/pira'yōtu/	/pira'yōt/ (/EBHP?) > /pi'rōt/ (/EBHP?) ¹⁸	פְּרוֹת [pɛ:'ro:θ]	fruits. Analogous to *qil' > *qêl > q'êl . Will use [pɛrɛ'yo:t] in <i>abs.</i> and [pɛ,ro:t] in <i>constr.</i> in [EBHP] transliterations
	/šibyū/	/šiby/ [s'ɪby]? [<u>s'ɪbiy</u>]?	צְבִי [s'e'vi:] (pausal צְבִי	ornament, splendor.

Forms	Reconstructed Development to <u>PH</u> (up to c. 1000 BCE)	<u>EBHP</u> * <u>EBHP</u> ? * <u>[EBHP]</u> ? (c. 850-550 BCE)	<u>TH</u> * <u>[TH]</u> (c. 850 BCE)	Meaning/Comments
			[s'ε:vi:]	
	/zabyu/ > /šabyu/	/šaby/ [s'εby]? [<u>s'εbiy</u>]?	צָבִי [s'ε'vi:]	gazelle.
	/šiby/	/šiby/ [fɪby]? [<u>fɪbiy</u>]?	שָׁבִי [ε'vi:] (<u>pausal</u> שָׁבִי) [jε:vi:]	captivity.
<i>qutl</i>	/bu'shu/	/' <u>buš</u> '/ (/EBHP?/) > /'bôš' (/EBHP?/)	בְּאֵשׁ [bε'ʔo:]	stench
	/gudlu/	/gudl/ [gudl]? [<u>gōdā</u>]?	גְּדֹל [go:ðɛ]	greatness.
	/' <u>h</u> urbu/	/'hurb/ [hurb]? [<u>hōrē</u>]? (contrast to /'hārb/ "sword")	חָרַב [h'o:rɛv]	devastation.
	/' <u>h</u> ur'batu/	/' <u>h</u> ur'bā/ [xur'be:]? [xə 'be:]?	חֲרֵבָה [h'ɔr'bo:]	site of ruins.
	/' <u>g</u> ur'latu/	/' <u>g</u> ur'lā/ [ɣur'le:]? [ɣə 'le:]?	עֲרֵלָה [ɛ'rɔ:lɛ:]	foreskin.
	/'tu'ru/	/' <u>t</u> ur' (/EBHP?/) > /'tūr' (/EBHP?/)	תָּאֵר [tə:ʔar]	form
<i>ל"י roots</i>	/'uny/	/'uny/ [ʔunɣy]? [<u>ʔuniy</u>]?	אֲנִי [ʔn'i:]	fleet.
	/'uni'yatu/	/'uni'yā/ [ʔunɪ'ye:]	אֲנִיָּה [ʔnɪ'ɣɔ:]	ship
	/'huly/	/' <u>h</u> uly/ [huly]? [<u>huliy</u>]?	חֲלִי [h'ɔli:] (<u>pausal</u> חֲלִי) [h'o:li:]	illness.
	/'yupy/	/'yupy/ [yupɣy]? [<u>yupiy</u>]?	יָפִי* [ɣ'pɪ:] (<u>pausal</u> יָפִי) [yo:pi:]	Beauty.

<i>Forms</i>	Reconstructed Development to <u>PH</u> (up to c. 1000 BCE)	<u>EBHP</u> * <u>EBHP</u> ? * <u>[EBHP]</u> ? (c. 850-550 BCE)	<u>TH</u> * <u>[TH]</u> (c. 850 BCE)	Meaning/Comments
	/ˈʕunyʉ/	/ˈʕuny/ [ˈʕuny]? [ˈʕuniy]?	עֲנִי [ʕɔˈni:] (pausal עֲנִי [ˈʕoːni:])	affliction.
	/ˈruːyu/	/ˈruːy/ [ˈruːy]? [ˈruːiy]?	רֵאִי [rɔˈi:]	sight, appearance. Follows the pattern of <u>*qil' > qel' > q'el'</u>
*qitl > qtal	/ˈdibʃu/	/ˈdibʃ/ [ˈdɪbʃ]? [ˈdɪbɛ]?	דְּבַשׁ [dəˈveːʃ]	honey.
qatl > qtal	/ˈsabku/	/ˈsabk/ [ˈsɛbk]? [ˈsɛbək]?	סִבְכָּ [səvˈeːx]	thicket
*qatal > qtal	/aˈgamu/	/aˈgam/ [ʔeˈgem]	אֲגָם [ʔəˈgaːm] (plural אֲגָמִים [ʔəˈgaːmˈmiːm])	marsh
	/həˈdasu/	/həˈdas/	דָּשׁ [həˈdeːs] (fem. דִּשָּׁה [həˈdeːsɔː])	myrtle
	/zəˈmanu/? /ziˈmanu/?	/zəˈman/? /ziˈman/?	זִמְנוֹ* [zəˈmeːn]	time, season.
	/həˈʃaʃu/	/həˈʃaʃ/	שֵׁשׁ [həˈʃeːʃ]	chaff
	/həˈtatu/	/həˈtat/	תִּתּוֹ [həˈθeːθ]	terror
*qitāl > qtal	/siˈtāwu/ ¹⁹	/siˈtāw/ [siˈtaːw]	שָׁנָה ²⁰ [səˈθoːw]	winter
*qi'l > *qel' > q'el'	<i>For the [EBHP] pronunciation of these forms see - <u>*qi'l > *qel' > q'el'</u>.</i>			
	/ˈbiːru/	/ˈbiːr/ [ˈbiːr]? [ˈbiːrʔ]? (pl. /biːaˈrɔt/ ²¹ [biːeˈroːt]) /ˌbêr/ [ˌbeːr]	בְּיָר [bəˈʔeːr]	well
	/ˈziːbu/	/ˈziːb/ [ˈziːb]? [ˈziːbʔ]? (pl. /ziːaˈbim/ [ziːeˈbiːm]) /ˌzêb/ [ˌzeːb]	זֵבֵב [zəˈʔeːv]	wolf

<i>Forms</i>	Reconstructed Development to <u>PH</u> (up to c. 1000 BCE)	<u>EBHP</u> * <u>EBHP</u> /* * <u>EBHP</u> ⁹ (c. 850-550 BCE)	<u>TH</u> * <u>[TH]</u> (c. 850 BCE)	Meaning/Comments
	/ki'bu/	'ki'b/ ['kɪʔb]? ['kɪʔəb]? / <u>kêb</u> / [kɛ:b]	כָּאֵב [kə'ʔe:v]	pain
	/kali'matu/	/kaɫi'mâ/	כְּלִמָּה [kəlɪm'mɔ:]	embarrassment
	/'pi'ru/	/'pi'r/ ['pɪʔr]? ['pɪʔər]? (pl. /pi'a'rîm/ [pɪʔe'ri:m]) / <u>pêr</u> / [pɛ:r]	פָּאָר [pə'ʔe:r]	glory
	/qahi'latu/	/qahi'lâ/	קְהִלָּה [k'əhil'ɔ:]	assembly
	/'ri'mu/	/'ri'm/ ['rɪʔm]? ['rɪʔəm]? (pl. /ri'a'mîm/ [rɪʔe'mi:m]) / <u>rêm</u> / [rɛ:m]	רִאֵם [rə'ʔe:m]	auroch
	/'ši'ru/	/'ši'r/ ['ʃɪʔr]? ['ʃɪʔər]? / <u>šêr</u> / [ʃɛ:r]	שָׂאֵר [ʃə'ʔe:r]	flesh
	/ši''latu/	/ši''lâ/ [ʃɪʔle:] /šê,lat/ [ʃê,let]	שְׂאֵלָה [ʃəʔe:'ɔ:]	question (noun)
	/ti'natu/	/ti'nâ/ [tɪʔne:] (pl. /ti'a'nîm/ [tɪʔe'ni:m]) / <u>tê,nat</u> / [tê,net]	תְּאֵנָה [təʔe:'ɔ:]	fig

3. Nouns (including adjectives) based on *Three Consonants* having (in masc. sing.) *Two Short Vowels* in PH

(note [Differential impact of compensatory lengthening](#))

<i>Forms</i>	Reconstructed Development to <u>PH</u> (up to c. 1000 BCE)	<u>EBHP</u> */EBHP/*[EBHP] ²² (c. 850-550 BCE)	<u>TH</u> *[TH] (c. 850 BCE)	Meaning/Comments
<i>qatal</i> (Tiberian קטל)	/a'damu/	/a'da:m/ [ʔe'da:m]	אָדָם [ʔo:'ðo:m]	man
	/a'hadu/	/a'ha:d/	אָחַד [ʔe'hɑ:ð]	one (masc.)
	/a'hadʔ > /a' <u>hat(t)</u> /	/a' <u>hat(t)</u> /	אָחַת [ʔe'he:θ]	one (fem.)
	/ba'saru/	/ba'sa:r/	בָּשָׂר [bo:'so:r]	flesh
	/ga'malu/ (pl. /g <u>a</u> ma'līma/)	/ga'ma:l/ (pl. /g <u>a</u> ma'līm/)	גָּמַל [go:'mo:l] (pl. גָּמְלִים [gəmel'li:m])	camel
	/da'baru/	/da'ba:r/	דְּבַר [do:'vɑ:r] (pl. דְּבָרִים [dəvo:'ri:m])	word
	/da'ganu/	/da'ga:n/	דָּגָן [do:'ɣɑ:n]	grain
	/ħa'dašu/	/ħa'da:š/	חָדָשׁ [ħo:'ðo:ʃ]	new (m. s.)
	/ħa'kamu/	/ħa'ka:m/	חָכָם [ħo:'xɑ:m]	wise
	/ħa'labu/	/ħa'la:b/	חָלָב [ħo:'lɑ:v]	milk
	/ka'zabu/	/ka'za:b/	כָּזָב [ka:'zo:v]	false thing
	/la'banu/	/la'ba:n/	לָבָן [lo:'vo:n]	white
	/naba'latu/	/naba'lâ/	נָבִילָה [no:'bi:lɑ]	folly

Forms	Reconstructed Development to <u>PH</u> (up to c. 1000 BCE)	<u>EBHP</u> * <u>EBHP</u> /* * <u>EBHP</u> ²² (c. 850-550 BCE)	<u>TH</u> * <u>[TH]</u> (c. 850 BCE)	Meaning/Comments
			[nəvo:'lɔ:]	
	/n <u>a</u> ma'latu/	/n <u>a</u> ma'lâ/	נַמְלָה [nəmo:'lɔ:]	ant
	/n <u>a</u> qa'matu/	/n <u>a</u> qa'mâ/	נִקְמָה [nək'ɔ:'mo:]	revenge
	/qa'tanu/ (fem. /q <u>a</u> ta'natu/)	/qa'ta:n/ (fem. /q <u>a</u> ta'nâ/)	קָטָן [k'ɔ:'f'ɔ:n] (fem. קִטְנָה [k'ət'en'ɔ:n])	small
	/' <u>s</u> aba'u/ > /s <u>a</u> 'ba'u/	/s <u>a</u> 'ba:u/	צָבָא [s'ɔ:'vo:]	army
	/s <u>a</u> da'qatu/ (nominative, fs. absolute)	/s <u>a</u> da'qâ/ [s'ede'k'e:]	צִדְקָה [s'əðɔ:'k'ɔ:]	righteousness
	/sada'qōtu/ (nominative, fp. absolute)	/sada'qōt/ [s'ede'k'o:t]	צִדְקוֹת [s'əð'k'o:θ])	acts of redemption
	/s <u>a</u> da,qat/ (fs. construct)	/sada,qat/	צִדְקַת [s'ið,k'eθ])	righteousness of
	(fp. construct)	/sada,qōt/	צִדְקוֹת [s'ið,k'o:θ])	acts of redemption of
	s <u>a</u> 'ma'u	/s <u>a</u> 'ma:u/	צָמָא [s'ɔ:'mo:]	thirst
	/qala'latu/ (constr. /qala,lat/)	/qala'lâ/ (constr. /qala,lat/)	קָלָלָה [k'əlo:'lɔ:] (constr. קָלַלְתָּ [k'i ,lɛ:θ])	curse
	/ra'gabu/	/ra'ga:b/	רָעַב [ro:'ɔ:b]	hunger
	/s <u>a</u> 'ba ^{cu} /	/s <u>a</u> 'b:a ^c /	שָׂבַע [sɔ:'vo:v]	satiation
<u>qatil</u>	/a'minu/	/a'mo:n/	אָמֵן	surely, amen

Forms	Reconstructed Development to <u>PH</u> (up to c. 1000 BCE)	<u>EBHP</u> */EBHP/* * <u>[EBHP]</u> ²² (c. 850-550 BCE)	<u>TH</u> * <u>[TH]</u> (c. 850 BCE)	Meaning/Comments
(Tiberian קטל)		[ʔe'me:n]	[ʔo:'me:n]	
	/a'mint/ > /a'mit(t)/	/a'mit(t)/	אמת [ʔe'me:θ]	truth
	/baḥi'matu/	/baḥi'mâ/ [behi'me:]? [behe'me:]?	בהמה [behe:'ma:]	beast
	/baṛi'kā/	/baṛi'kā/	בַּרְכָּה [bəre:'xa:]	pool
	/za'qinu/	/za'qe:n/	זָקֵן [zo:'ke:n]	elder
	/ya'riku/	/ya're:k/	יָרֵךְ [yo:'re:x]	thigh
	/ka'tipu/	/ka'te:p/	כַּתֵּף [ka:'θe:f]	shoulder
	/laḇi'natu/	/laḇi'nâ/	לֵבֶנָה [leve:'na:]	brick
	/pa'liṭu/	/pa'le:t/	פְּלִיט [po:'le:t]	survivor
	/ša'i'latu/	/ša'i'lâ/	שְׂאֵלָה [ʃeʔe:'la:]	question
	/ša'kinu/	/ša'ke:n/	שָׁכֵן [ʃo:'xe:n]	neighbor
	/ša'limu/	/ša'le:m/	שָׁלֵם [ʃo:'le:m]	whole, complete
	/šami'tatu/	/šami'tâ/	שְׁמִטָּה [ʃemi't'ʔa:]	year of release
	<u>qatul</u>	ʾaḥu'zatu	/aḥu'zâ/ [ʔexu'ze:]	אֲחֻזָּה [ʔe ʔuz'za:]
ga'buḥu		/ga'bo:h/ [ge'bo:h]	גְּבוּהָ [go:'vo:eh]	high
ga'dulu		/ga'do:l/ [ge'do:l]	גְּדוּלָה [go:'ðo:l]	big
ḥanu'katu		/ḥanu'kā/	חֲנֻכָּה [χanu:'ka:]	dedication

<i>Forms</i>	Reconstructed Development to <u>PH</u> (up to c. 1000 BCE)	<u>EBHP</u> */EBHP/* * <u>[EBHP]</u> ²² (c. 850-550 BCE)	<u>TH</u> * <u>[TH]</u> (c. 850 BCE)	Meaning/Comments
		[ħenu'ke:]	[ħě nu'kə:]	
	ṭa'huru	/ṭa'ho:r/	טְהוֹר [tʰo:'ho:r]	ritually clean
	ʿa'gulu	/ʿa'go:l/	עִגּוּל [ʿo:'ɣo:l]	round
	qa'dušu	/qa'do:š/	קִדּוּשׁ [kʰo:'ðo:]	holy
	qa'turtu	/qa'turt/ [k'e'turt]	קִטְרֶת [kʰə'tʰo:rəθ]	incense
<u>qital</u> (Tiberian קִטָּל)	/li'babu/	/li'ba:b/ [lɪ'ba:b]	לֵבָב [le:'vo:v]	heart
	/ni'karu/	/ni'ka:r/	גֵּיָר [ne:'ka:r]	foreigner
	/gi'nabu/	/gi'na:b/ [ɣɪ'na:b]? [ɣɛ'na:b]?	עֵנָב [ʿe:'xo:v]	grape.
	/ši'laʿu/	/ši'la:ʿ/ [sʰɪ'la:ʿ]? [sʰɛ'la:ʿ]?	צִלְעַ [sʰe:'bo:ʿ]	rib.
	/ši'karu/	/ši'ka:r/ [ʃɪ'ka:r]? [ɛ'ka:r]?	שֵׁכָר [ʃe:'ka:r]	strong drink – beer?
<u>qutal</u> (Tiberian קִטָּל)	/šu'ʿalu/	/šu'ʿa:l/ [ʃu'ʿa:l]	שׁוּׁעַל [ʃu:'ʿo:l]	fox
<u>qutul</u> (Tiberian קִטָּל)	/bu'kuru/	/bu'ko:r/ [bu'ko:r]? [bo'ko:r]? ²³	בְּכֹר [bə'xo:r]	first-born son
	/ku'tuntu/	/ku'tunt/ [kʰu'tunt]	כִּתְנָת [kʰu'tunt]	a garment
	/lu'ʰumu/	/lu'ʰo:m/ [lu'ʰo:m]	לְאֹמִים [le'ʰo:m] (pl. לְאֹמִים [le'ʰum'mi:m])	nation
	/nu'huštu/	/nu'hušt/	נְחֹשֶׁת [nu'hušt]	copper, bronze.

<i>Forms</i>	Reconstructed Development to PH (up to c. 1000 BCE)	EBHP * /EBHP/ * * [EBHP] ²² (c. 850-550 BCE)	TH * [TH] (c. 850 BCE)	Meaning/Comments
	(possibly /na'h <u>u</u> štu/) ²⁴	(possibly /na'h <u>u</u> št/)	[nə'h <u>o</u> :ʃɛθ]	
	/nu'c <u>u</u> rtu/	/nu'c <u>u</u> rt/	נִיעָרַת [nə'c <u>o</u> :rɛθ]	tow
	/sugu'l <u>a</u> tu/	/sugu'l <u>a</u> /	סְגִלָּה [səɣu'l <u>o</u> :]	personal property
	/su'd <u>u</u> mu/	/su'd <u>o</u> :m/	סְדֹם [sə'd <u>o</u> :m]	Sodom
	/qu'ṭ <u>u</u> rtu/	/qu'ṭ <u>u</u> rt/	קִטְרַת [qə't <u>o</u> :rɛθ]	incense, smoke
	/šu'b <u>u</u> ltu/	/šu'b <u>u</u> lt/	שִׁבְלֵת [ʃib'b <u>o</u> :lɛθ]	ear of grain

4. Nouns (including adjectives) based on *Three Consonants* having (in ms.) having *Short First and Historically Long Second Vowel* in EBHP

<i>Forms</i>	Reconstructed Development to PH (up to c. 1000 BCE)	EBHP * /EBHP/ * * [EBHP] ²⁵ (c. 850-550 BCE)	TH * [TH] (c. 850 BCE)	Meaning/Comments
<i>qatāl</i> (Tiberian קָטוּל)	/ʔa't <u>o</u> nu/	/ʔa't <u>o</u> n/ [ʔe't <u>o</u> :n]	אֶתוֹן [ʔe't <u>o</u> :n]	she-ass
	/ga'r <u>o</u> nu/	/ga'r <u>o</u> n/	גְּרוֹן [gɔ:'r <u>o</u> :n]	throat
	/ka'b <u>o</u> du/	/ka'b <u>o</u> d/	כְּבוֹד [kə:'v <u>o</u> :ð]	honor
	/la'š <u>o</u> nu/	/la'š <u>o</u> n/	לְשׁוֹן [lɔ:'ʃ <u>o</u> :n]	tongue
	/ʕa'r <u>o</u> du/	/ʕa'r <u>o</u> d/	עֲרוֹד [ʕɔ:'r <u>o</u> :ð]	wild ass
	/ša'l <u>o</u> mu/	/ša'l <u>o</u> m/	שָׁלוֹם	peace

<i>Forms</i>	Reconstructed Development to <u>PH</u> (up to c. 1000 BCE)	<u>EBHP</u> * <u>EBHP</u> /* * <u>EBHP</u> ²⁵ (c. 850-550 BCE)	<u>TH</u> * <u>[TH]</u> (c. 850 BCE)	Meaning/Comments
			[ʃo:'lo:m]	
	/ša'lošu/	/ša'loš/	שְׁלוֹשׁ [ʃo:'lo:ʃ]	three
<i>qatīl</i> (Tiberian קָטִיל)	/ħa'sīdu/	/ħa'sīd/ [ħe'si:d]	חָסִיד [ħo:'si:ð]	faithful
	/ya'mīnu/	/ya'mīn/	יָמִין [yo:'mi:n]	right
	/la'bīu/	/la'bī/ [le'bi:ʔ] (EBHP?) > /la'bī/ [le'bi:] (EBHP?)	לֵבִיא [lo:'vi:]	lion.
	/ma'sīhu/	/ma'sīh/	מְשִׁיחַ [mo:'ʃi:eh]	anointed
	/na'bīu/	/na'bī/[ne'bi:ʔ] (EBHP?) > /na'bī/ [ne'bi:] (EBHP?)	נָבִיא [no:'vi:]	prophet.
	/sa'ħatu/	/sa'ħâ/ [seli:'xe:]	סְלִיחָה [səli:'ħa:]	forgiveness
	/ša'gīru/	/ša'gīr/ [s'e'çi:r]	צָעִיר [s'e'çi:r]	young, small
	/qa'šīru/	/qa'šīr/ [k'e's'i:r]	קָצִיר [k'e's'i:r]	harvest crops
<i>qatīl</i> (Tiberian קָטִיל) ²⁶	/a'wīlu/	/a'wīl/ [ʔe'wi:l]	אָוִל [ʔe'wi:l]	foolish
	/a'īlu/	/a'īl/ [ʔe'li:l]	אֵלִיל [ʔe'li:l]	insignificant
	/ba'dīlu/	/ba'dīl/ [be'di:l]	בְּדִיל [be'di:l]	tin (metal)
	/ba'rīhu/	/ba'rīh/ [be'ri:h]	בְּרִיחַ [be'ri:eh]	bolt, bar
	/ga'bīru/	/ga'bīr/ [ge'bi:r]	גְּבִיר [ge'vi:r]	lord/master
	/da'bīru/	/da'bīr/ [de'bi:r]	דְּבִיר [de'vi:r]	Holy-of-holies
	/ka'šīlu/	/ka'šīl/	כַּסִּיל [ka'šīl]	fool, crazy

<i>Forms</i>	Reconstructed Development to <u>PH</u> (up to c. 1000 BCE)	<u>EBHP</u> */EBHP/* * <u>EBHP</u> ²⁵ (c. 850-550 BCE)	<u>TH</u> * <u>[TH]</u> (c. 850 BCE)	Meaning/Comments
		[ke'si:l]	[kə'si:l]	
	/kə'pīru/	/kə'pīr/ [ke'pi:r]	כְּפִיר [kə'fi:r]	half-grown lion
	/mə'hīru/	/mə'hīr/ [me'xi:r]	מְחִיר [mə'hi:r]	price
<i>qatūl</i> (Tiberian קָטוּל)	/bātū'latu/	/batū'lâ/ [betu:'le:]	בְּתוּלָה [bəθu:'lɑ:]	virgin
	/gəbū'ratu/	/gəbū'râ/ [gebu:'re:]	גְּבוּרָה [gəvu:'rɑ:]	strength
	/ə'šūmu/	/ə'šūm/ [e'e's'u:m]	עָצוּם [e:'s'u:m]	strong
	/šamū'atu/	/šamū'â/ [ʃemu:'e:]	שְׁמוּעָה [ʃəmu:'e:]	report
<i>qitāl</i> (Tiberian קִטּוּל)	/i'lōhu/	/i'lōh/ [ʔi'lo:h]? [ʔe'lo:h]?	אֱלֹהִים [ʔe'lo:eh]	god
	/hī'gōru/	/hī'gōr/ [ħi'go:r]	חֵגוּר [ħə'ɣo:r] (fem. חֵגוּרָה [ħə'ɣo:'rɑ:])	belt
	/hī'mōru/	/hī'mōr/ [ħi'mo:r]	חֵמוֹר [ħə'mo:r]	donkey
	/zi'rō'u/	/zi'rō'e/ [zi'ro:e]	זְרוּעַ [zə'ro:e]	arm
	/ʃi'rōru/	/ʃi'rōr/ [s'i'ro:r]	צָרוּר [s'e'ro:r]	bag
	/ʃi'rōku/	/ʃi'rōk/ [ʃi'ro:k]	שָׂרוּךְ [sə'ro:x]	sandal lace
<i>qutāl</i> (Tiberian קֻטּוּל)	/u'nōšu/	/u'nōš/ [ʔu'no:]	אָנוּשׁ [ʔe'no:]	man
	/bəlō'yīma/	/bəlō'yīm/ [bəlō'yi:m]	בְּלוּי [bə'lo:y] (plural בְּלוּיִים [bəlo:'yi:m])	rags

	/bu'rāšu/ > /bu'rōšu/	/bu'rōš/ > [bu'ro:]	בְּרוֹשׁ [bə'ro:]	juniper
	/lʊbō'natu/	/lʊbō'nâ/ > [lʊbo:'ɛn:]	לְבוֹנָה [ləvo:'nɔ:]	frankincense
	/ru'hōbu/	/ru'hōb/ > [ru'hɔ:b]	רְחוֹב [rə'hɔ:v]	plaza
<i>qitāl</i> (Tiberian קִטּוֹל)	/i'zōru/?	/i'zōr/? > [ʔi'zo:r]? [ʔɛ'zo:r]?	אֵזוֹר [ʔe:'zo:r]	loin cloth
	/i'pōdu/	/i'pōd/ > [ʔi'po:d]? [ʔɛ'po:d]?	אֵפוֹד [ʔe:'fo:ð]	ephod.
	/sɪ'rōru/	/sɪ'rōr/ > [s'ɪ'ro:r]	צָרוּר [s'ə'ro:r]	bag
	/tɪ'hōmu/	/tɪ'hōm/ > [tɪ'ho:m]	תְּהוֹמִים [tə'ho:m]	depths
	/tu'ōmīma/	/tu'ōmīm/ > [tu'o:'mi:m]	תְּאוּמִים [tə'o:'mi:m]	twins
<i>qitāl</i> (Tiberian קִטּוֹל)	/zi'būlu/	/zi'būl/ > [zi'bu:l]	זֵבֹול [zə'vu:l]	hill
	/zʊ'būbu/	/zʊ'būb/ > [zʊ'bu:b]	זֵבוּב [zə'vu:v]	flies
<i>qutāl</i> (Tiberian קֻטּוֹל)	/hʊz'zīru/	/hʊz'zīr/ > [xʊ'zi:r]	חֲזִיר [ħə'zi:r]	pig
קטול (originally prob. <i>qitāl</i>)	/ki'lūbu/	/ki'lūb/ > [ki'lu:b]	כְּלוּב [kə'lu:v]	cage
קטול (originally prob. <i>qutāl</i>)	/gʊ'būlu/	/gʊ'būl/ > [gʊ'bu:l]	גְּבוּל [gə'vu:l]	border
	/lʊ'būšu/	/lʊ'būš/ > [lʊ'bu:]	לְבוּשׁ [lə'vu:]	clothing

5. Nouns (including adjectives) based on *Three Consonants* having (in masc. sing.) *Long First Short Second Vowel in PH*

Forms	Reconstructed Development to <u>PH</u> (up to c. 1000 BCE)	<u>EBHP</u> * <u>EBHP</u> /* <u>EBHP</u> ²⁷ (c. 850-550 BCE)	<u>TH</u> * <u>[TH]</u> (c. 850 BCE)	Meaning/Comments
<i>qōtal</i> < <i>qātal</i> (Tiberian <u>קוּטַל</u>)	/°ō'lamu/	/°ō'la:m/ [°o:'la:m]	עוֹלָם [°o:'lo:m]	universe, eternity
<i>qōtal</i> < <i>qawtal</i> (Tiberian <u>קוּטַל</u>)	/gaw'zalu/	/gaw'za:l/ [gew'za:l]? [gɔ̄ vza:l]?	גוֹזָל [go:'zo:l]	young bird.
	/gaw'ralu/	/gaw'ra:l/ [gew'ra:l]? [gɔ̄ vra:l]?	גוֹרָל [go:'ro:l]	lot.
	/kaw'kabu/	/kaw'ka:b/ [kew'ka:b]? [kɔ̄ wka:b]?	כוֹכָב [ko:'xav]	star.
	/šaw'paru/	/šaw'pa:r/ [few'pa:r]? [ɔ̄ vpa:r]?	שוֹפָר [jo:'fo:r]	horn (used as a wind instrument).
<i>qōtil</i> < <i>qātil</i> (Tiberian <u>קוּטַל</u>) <i>qal</i> <u>a.p.</u>	/qā'tilu/ > /qō'tilu/	/qō'te:l/ [k'o:'t'e:l]	קוּטַל [k'o:'t'e:l]	killer/killing (ms.) - <i>abs. form</i>
	/qā'tilu/ > /qō'tilu/ > /qō,til/	/qō,til/ [k'o:'t'i:l]? [qo:'t'ɛl]?	קוּטַל [k'o:'t'e:l]	killer of- (ms.) - <i>cstr. form</i>
	/qā'tiltu/ > /qō'tiltu/	/qō'tilt/ [qo:'t'ilt] > /qō'talt/ [k'o:'t'elt]	קוּטַלֹת [k'o:'t'ɛ:lθ]	killer/killing (fs.)
	/qā'ti'līma/ > /qō'ti'līma/	/qō'ti'lim/ [k'o:'t'i'li:m]	קוּטַלִּים [k'o:'t'e'li:m]	killer/killing (mp.) - <i>abs. form</i>
	/qō'ti,lay/	/qō'ti,lay/ [k'o:'t'i,ley]? [k'o:'t'i,ley]?	קוּטַלֵי [k'o:'t'e,le:]	killers of- (ms.) - <i>cstr. form</i> .
	/qā'ti'lātu/ > /qō'ti'lōtu/	/qō'ti'lōt/ [k'o:'t'i'lo:t]	קוּטַלֹת [k'o:'t'e'lo:θ]	killers/killing (mp.)
	/yō'šibu/	/yō'še:b/ [yo:'ʃe:b]	יֹשֵׁב [yo:'ʃe:v]	sitter/sitting (ms.)

<i>Forms</i>	Reconstructed Development to PH (up to c. 1000 BCE)	EBHP * EBHP /* * EBHP ²⁷ (c. 850-550 BCE)	TH * [TH] (c. 850 BCE)	Meaning/Comments
	/yōšī'batu/	/yōšī'bâ/ [yo:ʃi'ba:]	יֹשִׁיבָה [yo:ʃə'vɔ:]	sitter/sitting (fs.)
	/yō'šibtu/	/yō'šibt/ [yo:ʃibt] > /yō'šabt/ [yo:ʃəbt]	יֹשִׁבֶת [yo:ʃɛ:veθ]	sitter/sitting fs.)
	/kō'hinu/	/kō'he:n/ [ko:'hɛ:n]	כֹּהֵן [ko:'hɛ:n]	priest
	/ḡō'ribu/	/ḡō're:b/ [yo:'rɛ:b]	עֹרֵב [ʔo:'rɛ:v]	raven
	/qō'hiltu/	/qō'hilt/ [k'o:'hilt] > /qō'halt/ [k'o:'helt]	קֹהֵלֶת [k'o:'hɛ:lɛθ]	Koheleth.
	/šō'ḡiru/	/šō'ḡe:r/ [ʃo:'ḡɛ:r] etc.	שׂוֹעֵר [ʃo:'ʃɛ:r]	gatekeeper
<i>qilē</i> < * <i>qilī</i> (Tiberian קָלָה)	/mi'qīma/	/mi'qīm/ [mi'qi:m]? [mɛ'qi:m]?	קִמְעִים [mɛ:'qi:m]	intestines.
	/ri'haymi/	/ri'haym/ [ri'hɛym]? [rɛ'hɛym]?	רִחְמִים [rɛ:'hɛyim]	mill stone.
	/ri'cayū/	/ri'cay/ > /ri'cê/ [ri'cɛ:]? [rɛ'cɛ:]?	רִיעָה [rɛ:'cɛ:]	friend.
<i>qalē</i> (root generally ל"א (Tiberian קָלָה)	/ħa'diyu/ > /ħa'ziyu/	/ħa'ziyu/ > /ħa'zê/ [ħɛ'zɛ:]	חֲזָה [ħɔ:'zɛ:]	chest
	/ta'liyu/	/ta'liy/ > /t'a'lê/ [t'ɛ'lɛ:]	טָלָה [t'ɔ:lɛ:]	lamb.
	/ya'piyu/ ²⁸	/ya'pê/ [yɛ'pɛ:]	יָפָה [yo:'fɛ:]	beautiful
		/ma'nê/ [mɛ'nɛ:]	מִנָּה [mɔ:'zɛ:]	<i>mina</i> – measuring unit for precious metals
	/na'kiyu/	/na'kê/ [nɛ'kɛ:]	נָכָה [nɔ:'xɛ:]	lame
	/qa'nayu/ ²⁹	/qa'nê/ [k'ɛ'nɛ:]	קָנָה [k'ɔ:'nɛ:]	reed
		/qa'sê/ [k'ɛ'sɛ:]	קִצָּה [k'ɔ:'sɛ:]	extremity
		/qa'sê/	קִשָּׁה	hard

<i>Forms</i>	Reconstructed Development to <u>PH</u> (up to c. 1000 BCE)	<u>EBHP</u> */EBHP/* * <u>[EBHP]</u> ²⁷ (c. 850-550 BCE)	<u>TH</u> * <u>[TH]</u> (c. 850 BCE)	Meaning/Comments
		[k ^ˆ e'jɛ:]	[k ^ˆ o:'jɛ:]	
		/pa'nīm/ [pe'ni:m]	פָּנִים [po:'ni:m]	face
	/śa'dayu/ ³⁰	/śa'dê/ [ʔe'dɛ:]	שָׂדֵה [so:'ðɛ:]	open country, field <i>General form</i>
		/śa'day/ [ʔe'dɛy]	שָׂדֵי [so:'ðɛy]	open country, field <i>Form used in archaizing poetry</i>
	/śada'yōtu/ ³¹	/śada'yōt/ > /śa'dōt/ [ʔe'do:t]	שָׂדוֹת [so:'ðo:θ]	fields

6. Nouns (including adjectives) based on *Three Consonants* having (in masc. sing.) *Two Long Vowels* in PH and EBHP

<i>Forms</i>	Reconstructed Development to <u>PH</u> (up to c. 1000 BCE)	<u>EBHP</u> */EBHP/* * <u>[EBHP]</u> ³² (c. 850-550 BCE)	<u>TH</u> * <u>[TH]</u> (c. 850 BCE)	Meaning/Comments
<i>qītōl</i> (Tiberian קִיטוֹל)	/kī'dōru/	/kī'dōr/ [ki:'do:r]	כִּיטוֹר [ki:'ðo:r]	uncertain meaning
	/nī'hōhu/	/nī'hōh/ [ni:'xo:x]	נִיחָה [ki:'ho:ɛh]	pleasantness
	/nī'šōsu/	/nī'šōš/ [ni:'s'o:sʔ]	נִיצוֹץ [ni:'s'o:sʔ]	spark
	/šī'nōqu/	/šī'nōq/ [s'i:'no:q]	צִינּוֹק [s'i:'no:q]	something bound up
	/qī'ṭōru/	/qī'ṭōr/ [k'i:'t'o:r]	קִיטוֹר [k'i:'t'o:r]	smoke
	/tī'rōšu/	/tī'rōš/ [ti:'ro:ʃ]	תִּירוֹשׁ [ti:'ro:ʃ]	must (=unfermented or fermenting grape juice)

7. Nouns (including adjectives) based on *Three Consonants* the Second of which is geminated having (in masc. sing.) *Short First and Long Second*

Vowel

(See discussion [here](#))

<i>Forms</i>	Reconstructed Development to <u>PH</u> (up to c. 1000 BCE)	<u>EBHP</u> * <u>EBHP</u> /* <u>EBHP</u> ³³ (c. 850-550 BCE)	<u>TH</u> * <u>[TH]</u> (c. 850 BCE)	Meaning/Comments
<u>qattal</u> (Tiberian קטל)	/day'ya(:)nu/	/day'ya:n/ [dey'ye:n]	דַּיָּן [dey'yo:n]	judge
	/har'ra(:)šu/	/har'ra:š/ [xer're:ʃ]	חַרְשׁ [ħe:'re:ʃ]	skilled workman
	/gan'na(:)bu /	/gan'na:b/ [gen'ne:b]	גַּנָּב [gen'no:v]	thief
	/baqqa(:)'ratu/	/baqqa'râ/ [bek'k'e're:]	בְּקָרָה [be 'k'o:'ro:]	care
<u>qittil</u> (Tiberian קטל) Adjective of defect or infirmity	/il'limu/ ³⁴	/il'le:m/ [ʔil'le:m]	אֵלִים [ʔil'le:m]	dumb (= unable to speak)
	/gib'binu/	/gib'be:n/ [gɪb'be:n]	גִּבְּוֹן [gɪb'be:n]	hunchback
	/hir'rišu/	/hir're:š/ [ħir're:ʃ]	חֵרֵשׁ [ħe:'re:ʃ]	deaf
	/ciw'wiru/ (plural /ciwwi'rīma/)	/ciw'we:r/ [ciw'we:r] (pl. /ciwwi'rīm/ [ciwwi'ri:m])	עִוְרִים [ciw'we:r] pl. עִוְרִים [ciw'ri:m]	blind.
	/piq'qihū/	/piq'qe:h/ [pɪq'qe:ħ]	פִּקְחִים [piq'qe:ħ]	seeing
	/ciq'qišu/	/ciq'qe:š/ [ciq'qe:ʃ]	עִקְשִׁים [ciq'qe:ʃ]	crooked
<u>qattil</u> (Tiberian קטל)	/dab'biru/	/dab'be:r/ [deb'be:r]	דַּבֵּר [deb'be:r]	<i>infinitive construct of piel</i>
<u>quttal</u> (Tiberian קטל)	/sul'lamu/	/sul'la:m/ [sul'la:m]	סֻלָּם [sul'lo:m]	ladder

8. Prepositions, Negatives, Adverbs, etc.

<i>Forms</i>	Reconstructed Development to PH (up to c. 1000 BCE)	EBHP */EBHP/* * [EBHP] ³⁵ (c. 850-550 BCE)	TH *[TH] (c. 850 BCE)	Meaning/Comments
<i>Prepositions</i>	/ba,ly/	/,baly/ > /bi,ly/ (/EBHP?/) [bɪ,ly]? [bi,liy]? > /bi,li/ (/EBHP?/)	בְּלִי [bə'li:]	without.
	/bal'ty/	/bal,ty/ > /bil,ty/ (/EBHP?/) [bɪl,ty]? [bɪl,tīy]? > /bil,tī/ (/EBHP?/)	בְּלִי [bilti:]	not.
<i>Interrogatives</i>	/'mah/	/'mah/ [meh]	מָה ['mɑ:]	what?
	/'miya/ ³⁶	/'mī/ ['mi:]	מִי ['mi:]	who?
<i>Negatives</i>	/'iya/ ³⁷	/'iy/ > /i,ʔ/ [,ʔi:]	אֵי [ʔi:]	none
<i>Adverbs, conjunctions, etc.</i>		Either /,ʕawd/ [ʕ,ʕw] OR /ʕōd/ [ʕ,ʕo:d] (assuming derivation /ʕād/ > /ʕōd/)	עוֹד [ʕo:ð]	yet, more. See Tequ
	/ʕittā/	/,ʕitta(:)/ [ʕ,ʕitte:]	³⁸ עַתָּה [ʕet'tɑ:] (pausal עֵתָּה [ʕ,ʕo:ttɑ:]) ³⁹	now
	/mu'd/	/,mu'd/ [,muʔd] > /,mu:d/ [,mu:d]	מְאֹד [mə'ʕo:ð]	much. Analogous to <i>*qī'l > *qēl > q'ēl</i> . Will use [mu'd] in abs. and [mu:d] in constr. in [EBHP] transliterations
<i>Misc.</i>	/lo:/ ⁴⁰	/,lô/ [,lo:]	לֹא ['lo:]	not
	/zo:t/ ⁴¹	/'zu't/ > /'zôt/ ['zo:t]	זֹאת ['zo:θ]	this fs.

Note also

[Words ending in Geminated Final Consonants in EBHP](#)

[Wat quality were the Short Vowels in \[EBHP\]?](#)

[Numerals in Pre-Exilic Hebrew](#)

[The History of Some Word Forms in Hebrew](#)

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¹ I have drawn heavily on [Beyer 1969](#).

² Cf. Classical and Modern Standard Arabic [Haywood and Nahmad 1965](#) chapt. 9.

³ Cf. Classical and Modern Standard Arabic [Haywood and Nahmad 1965](#) chapt. 4.

⁴ Cf. Classical and Modern Standard Arabic [Haywood and Nahmad 1965](#) chapt. 5.

⁵ See [Blau 2010](#) §4.4.5.8.

⁶ Note, in reconstructed [EBHP] transliterations and sound files -

1. there is no [spirantization of the bgdkpt consonants](#);

2. [vowel qualities are outlined here](#);

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 underlined.

⁷ [Blau 2010](#) §3.5.8.3.

⁸ [Blau 2010](#) §3.5.7.1.9.

⁹ Note [non-spirantization of the bgdkpt consonants](#)

¹⁰ See [Bergsträsser](#) §17q; [Blau 2010](#) §1.17.5; 3.5.12.2.9n.

¹¹ [Blau 2010](#) §1.19.4.

¹² [Blau 2010](#) §3.4.4.3.

¹³ See [Blau 2010](#) §3.5.4.8.

¹⁴ See [Blau 2010](#) §3.5.4.8.

¹⁵ [Blau 2010](#) §3.4.4.3.

¹⁶ See [Bergsträsser](#) §17q; [Blau 2010](#) §1.17.5.

¹⁷ The pausal form reflects the stress pattern in [BHA phase 3](#).

¹⁸ [Blau 2010](#) §3.4.4.3.

¹⁹ [Blau 2010](#) §3.4.4.1.

- ²⁰ [Aramaic](#) form brought into Hebrew in the post-exilic period.
- ²¹ [Beyer 1969](#) p. 65.
- ²² Note [non-spirantization of the *bgdkpt* consonants](#)
- ²³ Form with *o* preferred due to affect of [vowel harmony](#).
- ²⁴ [Manuel 1995](#) p. 127 note 338.
- ²⁵ Note [non-spirantization of the *bgdkpt* consonants](#)
- ²⁶ See [Joüon-Muraoka 1991](#) § 88g.
- ²⁷ Note [non-spirantization of the *bgdkpt* consonants](#)
- ²⁸ [Blau 2010](#) §3.4.5.8.
- ²⁹ [Blau 2010](#) §4.4.6.10.
- ³⁰ [Blau 2010](#) §3.4.4.2.
- ³¹ [Blau 2010](#) §3.4.4.3.
- ³² Note [non-spirantization of the *bgdkpt* consonants](#)
- ³³ Note [non-spirantization of the *bgdkpt* consonants](#)
- ³⁴ See [Huehnergard 1992](#) pp. 223.
- ³⁵ Note [non-spirantization of the *bgdkpt* consonants](#)
- ³⁶ "Perhaps *miya* ; contra TH *mî* (<< *miya*, Segert 1976 § 51.52 cf. Harris *A Grammar of the Phoenician Language* 1936 §16.3). As with *y*... normalization of the Standard Phoenician pronoun is uncertain. [Garr](#) suggests *miya* or *mî*.... The form also appears in Amarna Canaanite, *mi-ya*... in which the first vowel may be long (i.e. *mîya*...). It is possible, therefore, that the Standard Phoenician form could even be *mîy*. [Manuel 1995](#) p. 124-125 note 310.
- ³⁷ "Perhaps *îya* ; contra TH *î*. The Standard Phoenician form (*îy*) may originally have been an interrogative, as in Ugaritic *iy*'where' (Segert 1976 § 55.82), but the status of the vowel(s) is uncertain. The ugaritic form seems to show heterogeneous diphthong contraction (= *êyē*, so Gordon 1965 §12.4) despite [gemination](#) of the semivowel (Segert 1976 § 55.5). If the Standard Phoenician adverb is related, then both its vowels may already be long, which would account for the continued presence of the final phoneme after [short vowel apocope](#)." [Manuel 1995](#) p. 124 note 308.
- ³⁸ [Blau 2010](#) §3.5.12.2.12n.
- ³⁹ The pausal form reflects the stress pattern in [BHA phase 3](#) - see [Blau 1972](#) p. 85.
- ⁴⁰ But see [Andersen 1999](#) p. 6.

⁴¹ But see [Andersen 1999](#) pp. 6-8.