

## *Words Significantly Different in Pronunciation in EBHP<sup>1</sup>*

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See also <http://www.houseofdavid.ca/problem5.pdf>

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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 Arabic<sup>2</sup>. 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 cases<sup>3</sup> (nominative - suffix *u* ([constr. \*u\* >  \$\emptyset\$  during PH period](#)); accusative - suffix *a* ([constr. \*a\* >  \$\emptyset\$  during PH period](#)); genitive - suffix *i* ([constr. \*i\* >  \$\emptyset\$  during PH period](#))). Nouns in the dual, masculine plural and feminine plural all had two cases<sup>4</sup> -

*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\*:](#)).<sup>5</sup>

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 <u>PH</u> (up to c. 1000 BCE)	<u>EBHP</u> */EBHP/* * <u>[EBHP]</u> <sup>6</sup> (c. 850-550 BCE)	<u>TH</u> * <u>[TH]</u> (c. 850 BCE)	Meaning/Comments
<i>qa'la: fs.</i> of ' <i>qa:l</i>	/a'matu/	/a'mâ/ [ʔe'me:]	אָמָה [ʔo:'mo:]	female servant, slave-wife
	/ša'patu/	/ša'pâ/ [ʔe:'pe:]	שָׁפָה [so:'fo:]	lip, language
	/ša'natu/	/ša'nâ/ [ʔe'ne:]	שָׁנָה [ʔo:'no:]	year
<i>qil</i> (Tiberian קָל) <sup>7</sup>	/ʔilu/	/ʔe:l/ [ʔe:l]	אֱלֹהִים [ʔe:l]	god - <i>abs. form</i>
	/,il/	/,il/ [,ʔil]? [ʔe:l]?	אֱלֹהִים [ʔe:l]	god of- <i>cstr. form.</i>
	/binu/	/be:n/ [bɛ:n]	בֵּן [bɛ:n]	son - <i>abs. form.</i>
	/,bin/	/,bin/ [,bin]? [bɛn]?	בֵּן, בְּרֵן [bin], [bɛn]	son of- <i>cstr. form.</i>
	/bintu/ > /bittu/	/batt/ [bɛtt]	בַּת <sup>8</sup> [bɛ:θ]	daughter
	/le:ʂu/?	/le:ʂ/ [lɛ:sʔ]	לָצֵר [lɛ:sʔ]	mocker
	/cidu/  / ,cid/	/ce:d/ [ʔe:d]  / ,cid/ [,ʔid]? [ʔe:d]?	עֵד [ʔe:ð]	witness - <i>abs. form</i>
			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]? [ʔe:sʔ]?	עֵץ [ʔe:sʔ]	tree of- <i>cstr. form.</i>
		/ri/	רֵעַ [rɛ:ʔ]	companion.
/šimu/	/še:m/ [ʔe:m]	שֵׁם [ʔe:m]	name - <i>abs. form</i>	
		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> <sup>6</sup> (c. 850-550 BCE)	<u>TH</u> * <u>[TH]</u> (c. 850 BCE)	Meaning/Comments
		[,ɪm] or [,ɛm]	[,ɸe:m]	
	/šitu/	/še:t/ [,ɸe:t]	תש' [,ɸe:θ]	base, foundation - <i>abs. form</i>
	/,šit/	/,šit/ [,ɪt]? [,ɛt]?	תש', [,ɸe:θ]	base of- <i>cstr. form</i>
	/gišatu/ > /gištu/	/'gišt/ [,ɟɪt]? [,ɟɪθ]?	תשג' [,ɟe:ɸeθ]	approaching ( <i>inf. cstr. qal of שג</i> ).
	/di'atu/	/di'â/ [di'ɸe:]? [ <u>de'ɸe:</u> ]?	דע' [de'ɸo:]	knowledge ( <i>qal verbal noun ידע</i> ).
	/di'atu/ > /di'atu/	/'diç/ [di'ɛɸt]? [di'ɛθ]?	דע'' [de'ɸeθ]	knowledge ( <i>inf. cstr. qal of ידע</i> ).
	/zi'atu/	/zi'â/ [zi'ɸe:]? [ze'ɸe:]?	זע' [ze'ɸo:]	sweat ( <i>qal verbal noun יצי</i> ).
	/hi'matu/	/hi'mâ/ [hɪ'me:]? [ <u>he'me:</u> ]?	חמה' [he'mo:]	heat, anger.
	/t'atu/	/'tact/ [t'ɛɸt]? [t'ɛθ]?	טע' [te'ɸeθ]	planting ( <i>inf. cstr. qal of טע</i> ).
	/lidatu/ > /li'datu/	//i'dâ/ [lɪ'de:]? [ <u>le'de:</u> ]?	לדה' [le'ðo:]	giving birth ( <i>qal verbal noun ילד</i> ).
	/lidatu/ > /lidtu/	/'lidt/ [lɪdt]? [lɪθ]?	לדת' [le'ðeθ]	giving birth ( <i>inf. cstr. qal of ילד</i> ).
	/likatu/ > /liktu/	/'likt/ [lɪkt]? [lɪkθ]?	לכת' [le'xθ]	going ( <i>inf. cstr. qal of הלך</i> ).
	/mi'atu/	/mi'â/ [mɪ'ɸe:]? [ <u>me'ɸe:</u> ]?	מאה' [me'ɸo:]	hundred.
	/sa'atu/	/'sact/ [seɸt]? [seθ]?	סע' [se'ɸeθ]	breaking camp, travelling ( <i>inf. cstr. qal of נסע</i> ).
	/ci'datu/	/ci'dâ/ [ɸɪ'de:]? [ɸe'de:]?	עדה' [ɸe'ðo:]	community.
	/'ci'satu/	/'ci'sâ/ [ɸɪ's'e:]? [ɸe's'e:]?	עצה' [ɸe's'o:]	plan.
	/pi'atu/	/pi'â/ [pɪ'ɸe:]? [ <u>pe'ɸe:</u> ]?	פאה' [pe'ɸo:]	edge.
	/šit'u/	/'šit' [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> <sup>6</sup> (c. 850-550 BCE)	<u>TH</u> * <u>[TH]</u> (c. 850 BCE)	Meaning/Comments
		/šêṯ/ [sʰe:t] (EBHP?)	[sʰe:θ]	יצא. See <i>*qīl &gt; *qêl &gt; q'êl</i> Will use [sʰi't] in abs. and [sʰe:t] in constr. in [EBHP] transliterations
	/qištu/	/'qīšt/ [kʰɪft]? [kʰɪfət]?	קִשֶׁת [kʰe:ʃeθ]	bow.
	/ridtu/	/'rīdt/ [rɪdt]? [rɪdət]?	רִדַּת [re:ðeθ]	going down (inf. cstr. qal of ירד).
	/šibtu/	/'šībt/ [ʃɪbt]? [ʃɪbet]?	שִׁבַּת [ʃe:veθ]	sitting (inf. cstr. qal of ישב).
	/ši'natu/	/ši'nâ/ [ʃi'ne:]? [ʃe'ne:]?	שִׁנָּה [ʃe:'no:]	sleep (qal verbal noun יישן).
	/ti'batu/	/ti'bâ/ [ti'be:]? [te'be:]?	תִּבָּה [te:'vo:]	ark.
<i>qul</i>	/'turu/	/'to:r/ [to:r]	תּוֹר [to: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>	/'immu/	/'imm/ [imm]	אִמָּה [e:m]	mother
<i>qull (list)</i>	/'huqqu/	/'huqq/ [ḥuk'kʰ]	חֻק [ḥo:kʰ]	law
<i>(f.)</i>	/ḥuq'qatu/	/ḥuq'qâ/	חֻקָּה [ḥukʰ'kʰe:]	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> <sup>9</sup> (c. 850-550 BCE)	<u>TH</u> * <u>[TH]</u> (c. 850 BCE)	Meaning/Comments
<a href="#">qat/</a>	/malk <u>u</u> /	/malk/ [ˈmɛlk]? [ˈmɛlək]?	מֶלֶךְ [ˈmɛ:lɛx]	king.
בִּינָה	/bintu/	/bitt/ [ˈbɪtt]	בַּת [ˈbɛθ]	daughter. (Shift */bit(t)/ > /bat/ due to <a href="#">Philippi's law</a> )
<a href="#">ayin-guttural roots</a>	/lah <u>b</u> u/	/lah <u>b</u> / [ˈləhb]? [ˈləħəb]?	לֶהָב [ˈle:hav]	flame.
	/lah <u>m</u> u/	/lah <u>m</u> / [ˈləhm]? [ˈləħəm]?	לֶחֶם [ˈlɛ:ħɛm]	bread.
	/nah <u>l</u> u/	/nah <u>l</u> / [ˈnɛx]? [ˈnɛxəl]?	נַעַל [ˈne:ħel]	wadi.
	/na <u>l</u> u/	/na <u>l</u> / [ˈnɛʃl]? [ˈnɛʃəl]?	נֶעַל [ˈne:ʃɛl]	shoe. Will use [ˈnɛː] in [EBHP] transliterations
	/na <u>r</u> u/	/na <u>r</u> / [ˈnɛʃr]? [ˈnɛʃər]?	נַעַר [ˈne:ʃɛr]	youth (noun).
	/pah <u>d</u> u/	/pah <u>d</u> / [ˈpɛxd]? [ˈpɛxəd]?	פָּתַד [ˈpe:ħɛð]	trembling.
	/rah <u>m</u> u/	/rah <u>m</u> / [ˈrɛhm]? [ˈrɛħəm]?	רֶחֶם [ˈre:ħɛm]	womb.
	/θa <u>g</u> ru/	/ša <u>g</u> r/ [ˈʃɛɣr]? [ˈʃɛɣər]?	שַׁעַר [ˈʃɛ:ʃar]	gate.
<a href="#">א"ב roots</a>	/gab <u>u</u> /	/gab <u>u</u> / [ˈgebʔ]? [ˈgebeʔ]?	בְּבַיִת [gɛ:vɛ:]	pond.
	/tan <u>u</u> /	/tan <u>u</u> / [ˈtʰɛnʔ]? [ˈtʰɛnɛʔ]? [ˈtʰɛnɛ:]?	בְּבַיִת [ˈtʰɛ:nɛ:]	vase.
	/par <u>u</u> /	/par <u>u</u> / [ˈpɛrʔ]? [ˈpɛrɛʔ]? [ˈpɛrɛ:]?	אֶפְרַיִם [ˈpɛ:rɛ:]	wild ass.
<a href="#">א"ב roots</a> <sup>10</sup>	/gady <u>u</u> >	/gady <u>u</u> /	גִּדְיָא [ˈgɛ:ɣɛ:]	kid.

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	/gadyu/ <sup>11</sup>	['gedy]? [ <u>gediy</u> ]?	[gə'di:]	
	/'kalyu/	/'kaly/ ['kely]? [ <u>keliy</u> ]?	כְּלִי [kə'li:] (pausal כְּלִי ['kɛ:li:])	tool, vessel.
	/kila'yīma/ <sup>12</sup>	/kila'yīm/ (/EBHP?) > /ki'līm/ (/EBHP?)	כְּלִים [kɛ:'li:m]	tools.
	/'lahyu/	/'lahy/ ['lehy]? [ <u>lehiy</u> ]?	לֶחֶי [lə'hi:] (pausal לֶחֶי ['lɛ:hi:])	jaw bone.
	/'patyu/	/'paty/ ['pety]? [ <u>petiy</u> ]?	פֶּתִי ['pɛ:θi:]	naïve young man.
<u>ל"ו roots</u> (consonantal י ו)	/'awnu/	/'awn/ ['ʔewn]	אָוֶן <sup>13</sup> ['ʔɔ:wɛn]	wickedness - <i>abs. form</i>
	/'awn/	/'awn/ [.ʔewn]? [ <u>ʔawn</u> ]?	אוֹן, [.ʔɔ:n]	wickedness of- <i>cstr. form.</i>
	/'mawtu/	/'maw/ ['mewt]	מָוֶת <sup>14</sup> [mɔ:wɛθ]	death - <i>abs. form</i>
	/,mawt/	/,mawt/ [.mewt]? [ <u>mawt</u> ]?	מוֹת, [.mɔ:θ]	death of- <i>cstr. form</i>
	/'awlu/	/'awl/ ['ʔewl]	עוֹל ['ʔɔ:wɛl]	injustice - <i>abs. form</i>
	/'awlatu/	/'aw'lâ/ [ʔew'le:]	עוֹלָה [ʔew'ɔ:]	injustice
	/'tawku/	/'tawk/ ['tawk]	תוֹךְ ['tɔ:wɛx]	midst - <i>abs. form</i>
	/,tawk/	/,tawk/ [.tawk]? [ <u>tawk</u> ]?	תוֹךְ, [.tɔ:x]	midst of- <i>cstr. form.</i>
<u>ל"ו roots</u> (consonantal י)	/'baytu/	/'bayt/ ['beyt]	בַּיִת ['be:yiθ]	house - <i>abs. form</i>
	/,bayt/	/,bayt/ [.beyt]? [ <u>beyt</u> ]?	בַּיִת, [.be:θ]	house of- <i>cstr. form.</i>
	/baya'tīma/ <sup>15</sup>	/baya'tīm/ (/EBHP?) > /bat'tīm/ (/EBHP?)	בָּתִּים [bɔ:t'ti:m]	houses

<i>Forms</i>	Reconstructed Development to <u>PH</u> (up to c. 1000 BCE)	<u>EBHP</u> */EBHP/* * <u>EBHP</u> <sup>9</sup> (c. 850-550 BCE)	<u>TH</u> * <u>[TH]</u> (c. 850 BCE)	Meaning/Comments
	/zaytu/	/zayt/ [ˈzɛyt]	זַיִת [zeːyit̪]	olive - <i>abs. form</i>
	/,zayt/	/,zayt/ [ˌzɛyt]? [ <u>zɛyt</u> ]?	זַיִת, [zɛːθ]	olive of- <i>cstr. form.</i>
	/ʃaydu/	/ʃayd/ [sˈɛyɔ]	צִיד [sˈɛːyit̪]	game (hunting) - <i>abs. form</i>
	/,ʃayd/	/,ʃayd/ [sˈɛyɔ]? [ <u>sˈɛyɔ</u> ]?	צִיד, [sˈɛːθ]	game (hunting) of- <i>cstr. form.</i>
	/ʃay'datu/	/ʃay'dâ/ [sˈɛyˈdaː]? [ <u>sˈɛyˈdaː</u> ]?	צִיָּדָה [sˈɛːðoː]	food for a journey.
<i>qitl</i>	/sitru/	/sitr/ [ˈsitr̪]? [ˈsitr̪]?	סֵתֶר [sɛːθɛr]	secret.
	/sit'ratu/	/sit'râ/ [sitr̪ˈreː]	סֵתֶרֶה [sitr̪ˈroː]	protection.
<i>חִי roots<sup>16</sup></i> NB. See <a href="#">Tequ here</a>	/h̥isyu/	/h̥isy/ [ˈχisˈy]? [ <u>χisˈiy</u> ]?	חֵצִי [ħăˈsʰiː] (pausal חֵצִי [ħɛːsʰiː]) <sup>17</sup>	half.
	/miryu/	/miry/ [ˈmiry]? [ <u>miriy</u> ]?	מְרִי [pɛˈriː] (pausal מְרִי [pɛːriː])	contentiousness.
	/piryu/	/piry/ [ˈpiry]? [ <u>piriy</u> ]?	פְּרִי [pɛˈriː] (pausal פְּרִי [pɛːriː])	fruit.
	/pira'yōtu/	/pira'yōt/ (EBHP?) > /pi'rōt/ (EBHP?) <sup>18</sup>	פְּרוֹת [pɛːˈroːθ]	fruits. Analogous to <a href="#">*qī'l &gt; *qêl &gt; q'êl.</a> Will use [pɛrɛˈyoːt] in <i>abs.</i> and [pɛːroːt] in <i>constr.</i> in [EBHP] <i>transliterations</i>
	/ʃibyū/	/ʃiby/ [sˈɪby]? [ <u>sˈɪby</u> ]?	צְבִי [sˈɛːviː] (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> ? * <u>EBHP</u> ? <sup>9</sup> (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'ebiy</u> ]?	צָבִי [s'ε'vi:]	gazelle.
	/šiby/	/šiby/ [ʔiby]? [ <u>ʔibiy</u> ]?	שָׁבִי [ʃe'vi:] (pausal שָׁבִי [ʃε:vi:])	captivity.
<i>qutl</i>	/bu'shu/	/'buš/ (EBHP?) > /bôš/ (EBHP?)	בָּאֵשׁ [bε'ʔo:]	stench
	/gudlu/	/gudl/ [gudl]? [ <u>godel</u> ]?	גָּדֹל [go:ðel]	greatness.
	/'hurbu/	/'hurb/ [hurb]? [ <u>horeb</u> ]? (contrast to /ħarb/ "sword")	חָרַב [ħo:rεv]	devastation.
	/'hurbatu/	/'hur'bâ/ [xur'be:]? [xɔr'be:]?	חֲרָבָה [ħɔr'bo:]	site of ruins.
	/'gurlatu/	/'gur'lâ/ [ɣur'le:]? [ɣɔr'le:]?	עֶרְלָה [ε'r'la:]	foreskin.
	/'tu'ru/	/'tu'r/ (EBHP?) > /tūr/ (EBHP?)	תָּוֵר [tɔ:'ar]	form
<i>ל"י roots</i>	/'nyu/	/'uny/ [ʔny]? [ <u>ʔniy</u> ]?	אֶנִּי [ε'ni:]	fleet.
	/'uni'yatu/	/'uni'yâ/ [ʔuni'ye:]	אֶנִּיָּה [ε'ni'yɔ:]	ship
	/'huly/	/'huly/ [huly]? [ <u>huliy</u> ]?	חָלִי [ħɔ'li:] (pausal חָלִי [ħo:li:])	illness.
	/'yupyu/	/'yupy/ [yupy]? [ <u>yupiy</u> ]?	יָפִי [yɔ'pi:] (pausal יָפִי [yo:pi:])	Beauty.

Forms	Reconstructed Development to <a href="#">PH</a> (up to c. 1000 BCE)	<a href="#">EBHP</a> <sup>*/EBHP/*</sup> <sup>*/EBHP/</sup> <sup>9</sup> (c. 850-550 BCE)	<a href="#">TH</a> <sup>*[TH]</sup> (c. 850 BCE)	Meaning/Comments
	/ˈɔnyu/	/ˈɔny/ [ˈʁɔny]? [ˈʁɔniy]?	עָנִי [ˈʁɔni:] ( <a href="#">pausal</a> יָעַן [ˈʁo:ni:])	affliction.
	/ruˈyu/	/ruˈy/ [ˈruʁy]? [ˈruʁiy]?	רָאָי [rɔˈʁi:]	sight, appearance. Follows the pattern of <a href="#">*qiˈl &gt; qêl &gt; q'êl</a>
<i>*qitl &gt; qtal</i>	/ˈdibšu/	/ˈdibš/ [ˈdɪbʃ]? [ <a href="#">dibəʃ</a> ]?	דְּבִשׁ [dəˈve:ʃ]	honey.
<i>*qatl &gt; qtal</i>	/ˈsabku/	/ˈsabk/ [ˈsɛbk]? [ˈsɛbək]?	סָבַךְ* [səvˈe:x]	thicket
<i>*qatal &gt; qtal</i>	/aˈgamu/	/aˈgam/ [ʁeˈgem]	אֲגָם [ʔəˈga:m] (plural <a href="#">אֲגָמִים</a> [ʔəˈga:mˈmi:m])	marsh
	/həˈdasu/	/həˈdas/	הַדָּס [həˈde:s] (fem. הַדָּסָה [hədeˈsːo:])	myrtle
	/zəˈmanu/? /ziˈmanu/?	/zəˈman/? /ziˈman/?	זִמָּן* [zəˈme:n]	time, season.
	/həˈšaʃu/	/həˈšaʃ/	שֶׁשׁ [həˈʃe:ʃ]	chaff
	/həˈtatu/	/həˈtat/	הַתָּה [həˈθe:θ]	terror
<i>*qitāl &gt; qtal</i>	/siˈtāwu/ <sup>19</sup>	/siˈtāw/ [siˈta:w]	שָׁתָר [səˈθo:w]	winter
<i>*qiˈl &gt; *qêl &gt; q'êl</i>	<i>For the [EBHP] pronunciation of these forms see - <a href="#">*qiˈl &gt; *qêl &gt; q'êl</a>.</i>			
	/biˈru/	/biˈr/ [ˈbiʁr]? [ <a href="#">biʁər</a> ]? (pl. /biˈaˈrōt/ <sup>21</sup> [biʁeˈro:t]) / <a href="#">bêr</a> / [ˌbe:ʁ]	בְּרַר [bəˈʔe:ʁ]	well
	/ziˈbu/	/ziˈb/ [ˈziʁb]? [ <a href="#">ziʁəb</a> ]? (pl. /ziˈaˈbīm/ [ziʁeˈbi:m]) / <a href="#">zêb</a> / [ˌze:b]	זָב [zəˈʔe:v]	wolf

<i>Forms</i>	Reconstructed Development to <a href="#">PH</a> (up to c. 1000 BCE)	<a href="#">EBHP</a> * <a href="#">EBHP</a> /* <a href="#">EBHP</a> <sup>9</sup> (c. 850-550 BCE)	<a href="#">TH</a> * <a href="#">[TH]</a> (c. 850 BCE)	Meaning/Comments
	/ki'bu/	/ki'b/ ['kɪʔb]? [ <a href="#">kɪʔəb</a> ]?  / <a href="#">kêb</a> / [kɛ:b]	כָּאֵב [kə'ʔɛ:v]	pain
	/kali'matu/	/kaɫi'mâ/	כְּלִמָּה [kəlɪm'mɔ:]	embarrassment
	/pi'ru/	/pi'r/ ['pɪʔr]? [ <a href="#">pɪʔər</a> ]? (pl. /pi'a'rîm/ [pɪʔe'ri:m])  / <a href="#">pêr</a> / [pɛ:r]	פָּאָר [pə'ʔɛ:r]	glory
	/qahi'latu/	/qahi'lâ/	קִהְלָה [k'əhil'ɔ:]	assembly
	/ri'mu/	/ri'm/ ['rɪʔm]? [ <a href="#">rɪʔəm</a> ]? (pl. /ri'a'mîm/ [rɪʔe'mi:m])  / <a href="#">rêm</a> / [rɛ:m]	רָאֵם [rə'ʔɛ:m]	<a href="#">auroch</a>
	/ši'ru/	/ši'r/ ['ʃɪʔr]? [ <a href="#">ʃɪʔər</a> ]?  / <a href="#">šêr</a> / [ʃɛ:r]	שָׂר [ʃə'ʔɛ:r]	flesh
	/ši'latu/	/ši'lâ/ [ʃɪʔle:] /šêlat/ [ʃê,let]	שְׂאֵלָה [ʃəʔe:'ɔ:]	question (noun)
	/ti'natu/	/ti'nâ/ [tɪʔne:] (pl. / <a href="#">ti'a'nîm</a> / [tɪʔe'ni:m])  /tênat/ [tê,net]	תְּאֵנָה [təʔe:'no:]	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 <a href="#">PH</a> (up to c. 1000 BCE)	<a href="#">EBHP</a> * <a href="#">/EBHP/</a> + * <a href="#">[EBHP]</a> <sup>22</sup> (c. 850-550 BCE)	<a href="#">TH</a> * <a href="#">[TH]</a> (c. 850 BCE)	Meaning/Comments
<a href="#">qatal</a> (Tiberian לָפַל)	/a'damu/	/a'da:m/ [ʔe'da:m]	אָדָם [ʔo:'ðo:m]	man
	/a'hadu/	/a'ha:d/	אָחַד [ʔe'hɔ:ð]	one (masc.)
	/a'hadt/ > <a href="#">/a'hat(t)/</a>	<a href="#">/a'hat(t)/</a>	אָחַת [ʔe'he:θ]	one (fem.)
	/ba'saru/	/ba'sa:r/	בָּשָׂר [bo:'so:r]	flesh
	/ga'malu/ (pl. / <a href="#">gama'līma/</a> )	/ga'ma:l/ (pl. / <a href="#">gama'līm/</a> )	גָּמַל [go:'mo:l] (pl. גָּמְלִים [gəmel'li:m])	camel
	/da'baru/	/da'ba:r/	דָּבָר [do:'vo:r] (pl. דְּבָרִים [dəvo:'ri:m])	word
	/da'ganu/	/da'ga:n/	דָּגָן [do:'ɣo:n]	grain
	/ħa'dašu/	/ħa'da:š/	חָדָשׁ [ħo:'ðo:ʃ]	new (m. s.)
	/ħa'kamu/	/ħa'ka:m/	חָכָם [ħo:'xo:m]	wise
	/ħa'labu/	/ħa'la:b/	חָלָב [ħo:'lo:v]	milk
	/ka'zabu/	/ka'za:b/	כָּזָב [ko:'zo:v]	false thing
	/la'banu/	/la'ba:n/	לָבָן [lo:'vo:n]	white
	/naba'latu/	/naba'lâ/	נָבִילָה [no:'vo:lâ]	folly

Forms	Reconstructed Development to <a href="#">PH</a> (up to c. 1000 BCE)	<a href="#">EBHP</a> * <a href="#">/EBHP/</a> + * <a href="#">[EBHP]</a> <sup>22</sup> (c. 850-550 BCE)	<a href="#">TH</a> * <a href="#">[TH]</a> (c. 850 BCE)	Meaning/Comments
			[nəvo:'lo:]	
	/n <u>a</u> ma'latu/	/n <u>a</u> ma'lâ/	נַמְלָה [nəmo:'lo:]	ant
	/n <u>a</u> qa'matu/	/n <u>a</u> qa'mâ/	נִקְמָה [nek'o:'mo:]	revenge
	/qa'ṭanu/ (fem. /q <u>a</u> ṭa'natu/)	/qa'ṭa:n/ (fem. /q <u>a</u> ṭa'n <u>â</u> /)	קֹטָן [k'o:'f'o:n] (fem. קֹטְנָה [k'ət' <u>en</u> 'no:])	small
	/'šaba'u/ > /ša'ba'u/	/ša' <u>ba</u> :'/	צָבָא [s'o:'vo:]	army
	/š <u>a</u> da'qatu/ (nominative, fs. absolute)	/š <u>a</u> da'qâ/ [s'ede'k'e:]	צִדְקָה [s'əðo:'k'o:]	righteousness
	/šada'qōtu/ (nominative, fp. absolute)	/šada'qōt/ [s'ede'k'o:t]	צִדְקוֹת [s'əð'k'o:θ])	acts of redemption
	/š <u>a</u> da,qat/ (fs. construct)	/šada,qat/	צִדְקַת [s'ið,k'eθ])	righteousness of
	(fp. construct)	/šada,qōt/	צִדְקוֹת [s'ið,k'o:θ])	acts of redemption of
	ša'ma'u	/ša' <u>ma</u> :'/	צָמָא [s'o:'mo:]	thirst
	/qala'latu/ (constr. /qala,lat/)	/qala'lâ/ (constr. /qala,lat/)	קְלָלָה [k'əlo:'lo:] (constr. קְלָלָת [k'iil,le:θ])	curse
	/ra'ǧabu/	/ra'ǧa:b/	רָעַב [ro:'əo:b]	hunger
	/ša'ba <sup>c</sup> u/	/ša'b:a <sup>c</sup> /	שָׂבַע [so:'vo:ʔ]	satiation
<a href="#">qatil</a>	/'a'minu/	/'a'me:n/	אֲמֵן	surely, amen

Forms	Reconstructed Development to <u>PH</u> (up to c. 1000 BCE)	<u>EBHP</u> */EBHP/* * <u>EBHP</u> <sup>22</sup> (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' <u>mit</u> (t)/	אמת [ʔe'me:θ]	truth
	/baḥi'matu/	/baḥi'mâ/ [behi'me:]? [behe'me:]?	בהמה [behe:'mo:]	beast
	/baḥi'kâ/	/baḥi'kâ/	בַּרְכָּה [bəre:'xo:]	pool
	/za'qinu/	/za'qe:n/	זָקֵן [zo:'k'e:n]	elder
	/ya'riku/	/ya're:k/	רֵץ [yo:'re:x]	thigh
	/ka'tipu/	/ka'te:p/	כַּתֵּף [ko:'θe:f]	shoulder
	/laḇi'natu/	/laḇi'nâ/	לֵבֶנָה [leve:'no:]	brick
	/pa'liṭu/	/pa'le:t/	פְּלִיט [po:'le:t]	survivor
	/ša'i'latu/	/ša'i'lâ/	שְׂאֵלָה [ʃeʔe:'lo:]	question
	/ša'kinu/	/ša'ke:n/	שָׁכֵן [ʃo:'xə:n]	neighbor
	/ša'limu/	/ša'le:m/	שָׁלֵם [ʃo:'le:m]	whole, complete
	/šami'tatu/	/šami'tâ/	שְׁמִטָּה [ʃəmit'ʔo:]	year of release
<u>qatul</u>	ʾaḥu'zatu	/aḥu'zâ/ [ʔexu'ze:]	אֲחֻזָּה [ʔəħuz'zo:]	holding e.g. land holding
	ga'buḥu	/ga'bo:h/ [ge'bo:h]	גָּבוֹהַ [go:'vo:eh]	high
	ga'dulu	/ga'do:l/ [ge'do:l]	גָּדוֹל [go:'ðo:l]	big
	ḥanu'katu	/ḥanu'kâ/	תְּנֻכָּה [tənu'ka:]	dedication

Forms	Reconstructed Development to <u>PH</u> (up to c. 1000 BCE)	<u>EBHP</u> */EBHP/* * <u>EBHP</u> <sup>22</sup> (c. 850-550 BCE)	<u>TH</u> * <u>[TH]</u> (c. 850 BCE)	Meaning/Comments
		[ħenʊ'ke:]	[ħənu'kɔ:]	
	ṭa'huru	/ṭa'ho:r/	טְהוֹר [tʰo:'ho:r]	ritually clean
	ʕa'gulu	/ʕa'go:l/	עִגּוּל [ʕo:'ɣo:l]	round
	qa'dušu	/qa'do:š/	קִדּוּשׁ [kʰo:'ðo:]	holy
	qā'ṭurtu	/qā'ṭurt/ [kʰe'tʰurt]	קִשְׁת [kʰə'tʰo:rɛθ]	incense
<u>qital</u> (Tiberian קִטָּל)	/li'babu/	/li'ba:b/ [lɪ'ba:b]	לֵבָב [le:'vo:v]	heart
	/ni'karu/	/ni'ka:r/	נִכְרִי [ne:'xɔ:r]	foreigner
	/gi'nabu/	/gi'na:b/ [ɣɪ'na:b]? [ɣɛ'na:b]?	עֵנָב [ʕe:'xɔ:v]	grape.
	/ši'laʕu/	/ši'la:ʕ/ [sʰɪ'la:ʕ]? [sʰɛ'la:ʕ]?	צִלְע [sʰe:'bɔ:ʕ]	rib.
	/ši'karu/	/ši'ka:r/ [ʃɪ'ka:r]? [ʃɛ'ka:r]?	שֵׁכָר [ʃe:'xɔ:r]	strong drink – beer?
<u>qutal</u> (Tiberian קִטָּל)	/šu'ʕalu/	/šu'ʕa:l/ [ʃu'ʕa:l]	שׁוּעָל [ʃu:'ʕɔ:l]	fox
<u>qutul</u> (Tiberian קִטָּל)	/bu'kuru/	/bu'ko:r/ [bu'ko:r]? [bɔko:r]? <sup>23</sup>	בְּכֹר [bə'xɔ:r]	first-born son
	/ku'tuntu/	/ku'tunt/ [kʰu'tunt]	כֵּתוּנָת [kʰe'tʰu:nət]	a garment
	/lu'ʕumu/	/lu'ʕo:m/ [lʊ'ʕo:m]	לְאֻמָּה [le'ʔo:m] (pl. לְאֻמִּים ים [leʔum'mi:m])	nation
	/nu'huštu/	/nu'hušt/	נְחֹשֶׁת [ne'ħo:ʃet]	copper, bronze.

<i>Forms</i>	Reconstructed Development to <u>PH</u> (up to c. 1000 BCE)	<u>EBHP</u> */EBHP/+ */EBHP] <sup>22</sup> (c. 850-550 BCE)	<u>TH</u> *[TH] (c. 850 BCE)	Meaning/Comments
	(possibly /na'huštu/) <sup>24</sup>	(possibly /na'hušt/)	[nə'ho:ʃɛθ]	
	/nu'cirtu/	/nu'cirt/	נַעֲרָת [nə'o:reθ]	tow
	/sugu'latu/	/sugu'lâ/	סְגֻלָּה [səyul'bo:]	personal property
	/su'dumu/	/su'do:m/	סְדוֹם [sə'o:m]	Sodom
	/qu'turtu/	/qu'turt/	קִטְרָת [qə't'o:reθ]	incense, smoke
	/šu'bultu/	/šu'bult/	שִׁבְלֵת [ʃib'bo:leθ]	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 <u>PH</u> (up to c. 1000 BCE)	<u>EBHP</u> */EBHP/+ */EBHP] <sup>25</sup> (c. 850-550 BCE)	<u>TH</u> *[TH] (c. 850 BCE)	Meaning/Comments
<i>qatāl</i> (Tiberian קָטוּל)	/ʔa'tōnu/	/ʔa'tōn/ [ʔe'to:n]	אֶתוֹן [ʔe:'θo:n]	she-ass
	/ga'rōnu/	/ga'rōn/	גְּרוֹן [go:'ro:n]	throat
	/ka'bōdu/	/ka'bōd/	כְּבוֹד [ka:'vo:ð]	honor
	/la'sōnu/	/la'sōn/	לָשׁוֹן [lo:'ʃo:n]	tongue
	/ʕa'rōdu/	/ʕa'rōd/	עֲרוֹד [ʕo:'ro:ð]	wild ass
	/ša'lōmu/	/ša'lōm/	שָׁלוֹם [ʃo:'lo:m]	peace



Forms	Reconstructed Development to <u>PH</u> (up to c. 1000 BCE)	<u>EBHP</u> * <u>EBHP</u> / <u>EBHP</u> ? * <u>EBHP</u> ? <sup>25</sup> (c. 850-550 BCE)	<u>TH</u> * <u>[TH]</u> (c. 850 BCE)	Meaning/Comments
			[ʃo:'lo:m]	
	/ša'lōšu/	/ša'lōš/	שָׁלוֹשׁ [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'sīħu/	/ma'sīħ/	מָשַׁח [mo:'ʃi:eh]	anointed
	/na'bīu/	/na'bī/[ne'bi:ʔ] (EBHP?) > /na'bī/ [ne'bi:] (EBHP?)	נָבִיא [no:'vi:]	prophet.
	/sa'līħatu/	/sa'līħâ/ [seli:'xe:]	סְלִיחָה [səli:'ħo:]	forgiveness
	/ša'gīru/	/ša'gīr/ [s'e'gi:r]	צָעִיר [s'e:'ei:r]	young, small
	/qa'šīru/	/qa'šīr/ [k'e's'i:r]	קָצִיר [k'o:'s'i:r]	harvest crops
<i>qatīl</i> (Tiberian קָטִיל <sup>26</sup> )	/a'wīlu/	/a'wīl/ [ʔe'wi:l]	אָוִל [ʔə'wi:l]	foolish
	/a'līlu/	/a'līl/ [ʔe'li:l]	אָלִיל [ʔə'li:l]	insignificant
	/ba'dīlu/	/ba'dīl/ [be'di:l]	בַּדֵּי [be'di:l]	tin (metal)
	/ba'rīħu/	/ba'rīħ/ [be'ri:ħ]	בַּרְתָּ [be'ri:eh]	bolt, bar
	/ga'bīru/	/ga'bīr/ [ge'bi:r]	גִּבּוֹר [ge'vi:r]	lord/master
	/da'bīru/	/da'bīr/ [de'bi:r]	דַּבּוּר [de'vi:r]	Holy-of-holies
	/ka'sīlu/	/ka'sīl/	כֶּסֶל [ke'si:l]	fool, crazy

<i>Forms</i>	Reconstructed Development to <u>PH</u> (up to c. 1000 BCE)	<u>EBHP</u> */EBHP/* *EBHP] <sup>25</sup> (c. 850-550 BCE)	<u>TH</u> *[TH] (c. 850 BCE)	Meaning/Comments
		[ke'si:l]	[kə'si:l]	
	/kə'pīru/	/kə'pīr/ [ke'pi:r]	כַּפֵּי־ [kə'fi:r]	half-grown lion
	/mə'hīru/	/mə'hīr/ [me'xi:r]	מַחֵי־ [mə'hi:r]	price
<i>qatūl</i> (Tiberian קָטוּל)	/bātū'latu/	/bātū'lâ/ [betu:'le:]	בְּתוּלָה [bəθu:'lɔ:]	virgin
	/gəbū'ratu/	/gəbū'râ/ [gebu:'re:]	גְּבוּרָה [gəvu:'rɔ:]	strength
	/ə'şūmu/	/ə'şūm/ [e'e's'u:m]	עָצוּם [e:'s'u:m]	strong
	/šamū'atu/	/šamū'â/ [ʃemu:'e:]	שִׁמוּעָה [ʃəmu:'e:]	report
<i>qitāl</i> (Tiberian קִטָּל)	/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. חֵגְרוֹת [ħə'ɣo:'rɔ:])	belt
	/hī'mōru/	/hī'mōr/ [ħi'mo:r]	חֵמוֹר [ħə'mo:r]	donkey
	/zi'rō'u/	/zi'rō'e/ [zi'ro:e]	זַרְעוֹ [zə'ro:e]	arm
	/ʃi'rōru/	/ʃi'rōr/ [ʃi'ro:r]	צִרְרוֹר [s'ə'ro:r]	bag
	/ʃi'rōku/	/ʃi'rōk/ [ʃi'ro:k]	שַׁרְרוֹן [sə'ro:x]	sandal lace
<i>qutāl</i> (Tiberian קֻטָּל)	/u'nōšu/	/u'nōš/ [ʔu'no:]	אֱנוֹשׁ [ʔe'no:]	man
	/būlō'yīma/	/būlō'yīm/ [bulō'yi:m]	בְּלוּיִם [bə'lo:y] (plural בְּלוּיִים [bəlo:'yi:m])	rags



	/bu'rāšu/ > /bu'rōšu/	/bu'rōš/ [bʊ'ro:ʃ]	בְּרוֹשׁ [bə'ro:ʃ]	juniper
	/lʊbō'natu/	/lʊbō'nâ/ [lʊbo:'nɔ:]	לְבוֹנָה [ləvo:'nɔ:]	frankincense
	/rʊ'hōbu/	/rʊ'hōb/ [rʊ'hɔ:b]	רְחוֹב [rə'hɔ:v]	plaza
qitōl (Tiberian קִטּוֹל)	/i'zōru/?	/i'zōr/? [ʔi'zo:r]? [ʔɛ'zo:r]?	אֲזוֹר [ʔe:'zo:r]	loin cloth
	/i'pōdu/	/i'pōd/ [ʔi'po:d]? [ʔɛ'po:d]?	אֲפוֹד [ʔe:'fo:ð]	ephod.
	/ʃi'rōru/	/ʃi'rōr/ [sʰi'ro:r]	צִרוֹר [sʰə'ro:r]	bag
	/tʰihōmu/	/tʰihōm/ [tʰi'ho:m]	תְּהוֹמִים [tə'hɔ:m]	depths
	/tʰōmīmā/	/tʰōmīm/ [tʰo:'mi:m]	תְּאוֹמִים [tə'o:'mi:m]	twins
qitūl (Tiberian קִטּוֹל)	/zi'būlu/	/zi'būl/ [zi'bu:l]	זִבּוּל [zə'vu:l]	hill
	/zʊ'būbu/	/zʊ'būb/ [zʊ'bu:b]	זִבּוֹב [zə'vu:v]	flies
qutīl (Tiberian קִטּוֹל)	/hʊz'zīru/	/hʊz'zīr/ [xʊ'zi:r]	חֲזִיר [ħə'zi:r]	pig
קטול (originally prob. qitūl)	/ki'lūbu/	/ki'lūb/ [ki'lu:b]	כְּלוֹב [kə'lu:v]	cage
קטול (originally prob. qutīl)	/gʊ'būlu/	/gʊ'būl/ [gʊ'bu:l]	גְּבוּל [gə'vu:l]	border
	/lʊ'būšʊ/	/lʊ'būš/ [lʊ'bu:ʃ]	לְבוּשׁ [lə'vu:ʃ]	clothing

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

Forms	Reconstructed Development to <a href="#">PH</a> (up to c. 1000 BCE)	<a href="#">EBHP</a> */EBHP/* * <a href="#">[EBHP]</a> <sup>27</sup> (c. 850-550 BCE)	<a href="#">TH</a> * <a href="#">[TH]</a> (c. 850 BCE)	Meaning/Comments
<i>qōtal</i> < <i>qātal</i> (Tiberian <a href="#">קוטל</a> )	/cō'lamu/	/cō'la:m/ [cō:'la:m]	עולם [cō:'lo:m]	universe, eternity
<i>qōtal</i> < <i>qawtal</i> (Tiberian <a href="#">קוטל</a> )	/gaw'zalu/	/gaw'za:l/ [gew'za:l]? <a href="#">[gɔw'za:l]?</a>	גוזל [go:'zo:l]	young bird.
	/gaw'ralu/	/gaw'ra:l/ [gew'ra:l]? <a href="#">[gɔw'ra:l]?</a>	גורל [go:'ro:l]	lot.
	/kaw'kabu/	/kaw'ka:b/ [kew'ka:b]? <a href="#">[kɔw'ka:b]?</a>	כוכב [ko:'xɔ:v]	star.
	/šaw'paru/	/šaw'pa:r/ [šew'pa:r]? <a href="#">[šɔw'pa:r]?</a>	שופר [šo:'fo:r]	horn (used as a wind instrument).
<i>qōtil</i> < <i>qātil</i> (Tiberian <a href="#">קטל</a> ) <i>qal</i> <a href="#">a.p.</a>	/qā'ṭilu/ > /qō'ṭilu/	/qō'te:l/ [k'o:'t'ɛ:l]	קטל [k'o:'t'ɛ:l]	killer/killing (ms.) - <i>abs. form</i>
	/qāṭilu/ > /qōṭilu/ > /qōṭil/	/qōṭil/ [k'o:'t'i:l]? [qo:'t'ɛl]?	קטל [k'o:'t'ɛ:l]	killer of- (ms.) - <i>cstr. form</i>
	/qāṭiltu/ > /qōṭiltu/	/qōṭilt/ [qo:'t'ilt] > /qōṭalt/ [k'o:'t'elt]	קטלת [k'o:'t'ɛ:lɛθ]	killer/killing (fs.)
	/qāṭi'līma/ > /qōṭi'līma/	/qōṭi'lim/ [k'o:'t'i'li:m]	קטלים [k'o:'t'ɛ'li:m]	killer/killing (mp.) - <i>abs. form</i>
	/qōṭi,lay/	/qōṭi,lay/ [k'o:'t'i,ley]? [k'o:'t'i,ley]?	קטלי [k'o:'t'ɛ,le:]	killers of- (ms.) - <i>cstr. form</i> .
	/qāṭi'lātu/ > /qōṭi'lōtu/	/qōṭi'lōt/ [k'o:'t'i'lo:t]	קטלות [k'o:'t'ɛ'lo:θ]	killers/killing (mp.)
	/yō'šibu/	/yō'še:b/ [yo:'ʃe:b]	שב [yo:'ʃe:v]	sitter/sitting (ms.)

<i>Forms</i>	Reconstructed Development to <u>PH</u> (up to c. 1000 BCE)	<u>EBHP</u> * <u>EBHP</u> / <u>PH</u> * * <u>EBHP</u> <sup>27</sup> (c. 850-550 BCE)	<u>TH</u> * <u>[TH]</u> (c. 850 BCE)	Meaning/Comments
	/yōšī'batu/	/yōšī'bâ/ [yo:'fɪ'ba:]	שְׁבֵתָה [yo:'ʃə'vɔ:]	sitter/sitting (fs.)
	/yō'šibtu/	/yō'šibt/ [yo:'fɪbt] > /yō'šabt/ [yo:'ʃəbt]	שְׁבֵתָה [yo:'ʃɛ:vɛθ]	sitter/sitting fs.)
	/kō'hinu/	/kō'he:n/ [ko:'hɛ:n]	כֹּהֵן [ko:'hɛ:n]	priest
	/qō'ribu/	/qō're:b/ [yo:'rɛ:b]	עֵב [ʔo:'rɛ:v]	raven
	/qō'hiltu/	/qō'hilt/ [k'o:'hɪlt] > /qō'halt/ [k'o:'hɛlt]	קוֹהֵלֶת [k'o:'hɛ:lɛθ]	Koheleth.
	/šō'q̄iru/	/šō'q̄e:r/ [ʃo:'ʃɛ:r] etc.	שׁוֹעֵר [ʃo:'ʃɛ:r]	gatekeeper
<i>qilê</i> < * <i>qilf</i> (Tiberian קָלָה)	/mi'cīma/	/mi'cīm/ [mɪ'ci:m]? [mɛ'ci:m]?	מַעֵיִם [mɛ:'ci:m]	intestines.
	/ri'haymi/	/ri'haym/ [rɪ'hɛym]? [rɛ'hɛym]?	רֵתִיִּם [rɛ:'hɛyim]	mill stone.
	/ri'cayū/	/ri'cay/ > /ri'cê/ [rɪ'cɛ:]? [rɛ'cɛ:]?	רֵעֵה [rɛ:'cɛ:]	friend.
<i>qalê</i> (root generally ל"א) (Tiberian קָלָה)	/ħa'diyu/ > /ħa'ziyu/	/ħa'ziyu/ > /ħa'zê/ [ħɛ'zɛ:]	תִּזָּה [ħɔ:'zɛ:]	chest
	/ta'liyu/	/ta'liy/ > /t'a'lê/ [t'ɛ'lɛ:]	טֶלֶה [t'ɔ'lɛ:]	lamb.
	/ya'piyu/ <sup>28</sup>	/ya'pê/ [yɛ'pɛ:]	יָפֵה [yo:'fɛ:]	beautiful
		/ma'nê/ [mɛ'nɛ:]	מִנָּה [mɔ:'zɛ:]	<i>mina</i> – measuring unit for precious metals
	/na'kiyu/	/na'kê/ [nɛ'kɛ:]	נֶכֶה [nɔ:'xɛ:]	lame
	/qa'nayu/ <sup>29</sup>	/qa'nê/ [k'ɛ'nɛ:]	קָנֶה [k'ɔ:'nɛ:]	reed
		/qa'sê/ [k'ɛ'sɛ:]	קֶצֶה [k'ɔ:'sɛ:]	extremity
		/qa'sê/	קָשֶׁה [k'ɔ:'sɛ:]	hard

<i>Forms</i>	Reconstructed Development to <u>PH</u> (up to c. 1000 BCE)	<u>EBHP</u> * <u>EBHP</u> / <u>PH</u> * * <u>EBHP</u> <sup>27</sup> (c. 850-550 BCE)	<u>TH</u> * <u>[TH]</u> (c. 850 BCE)	Meaning/Comments
		[kʰeʔe:]	[kʰo:ʔe:]	
		/pa'nīm/ [pe'ni:m]	פַּנִּים [po:'ni:m]	face
	/śa'dayu/ <sup>30</sup>	/śa'dê/ [ʔe'de:]	שָׂדֵה [so:'ðe:]	open country, field <i>General form</i>
		/śa'day/ [ʔe'dey]	שָׂדֵי [so:'ðey]	open country, field <i>Form used in archaizing poetry</i>
	/śada'yōtu/ <sup>31</sup>	/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> * <u>EBHP</u> / <u>PH</u> * * <u>EBHP</u> <sup>32</sup> (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]	נִיחַן [ki:'ho:eh]	pleasantness
	/nī'şōşu/	/nī'şōş/ [ni:'s'o:s']	נִיצוֹץ [ni:'s'o:s']	spark
	/şī'nōqu/	/şī'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'rōşu/	/tī'rōş/ [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> <sup>33</sup> (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
	/ħar'ra(:)šu/	/ħar'ra:š/ [xer're:ʃ]	חָרָשׁ [ħe:'ro: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/ <sup>34</sup>	/il'le:m/ [ʔil'le:m]	אֵלֵם [ʔil'le:m]	dumb (= unable to speak)
	/gib'binu/	/gib'be:n/ [gɪb'be:n]	גִּבָּן [gɪb'be:n]	hunchback
	/ħir'rišu/	/ħir'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])	עוֹרֵר [ciw'we:r] pl. עוֹרְרִים [ciw'ri:m]	blind.
	/piq'qihū/	/piq'qe:ħ/ [pɪq'qe:ħ]	פִּקֵּחַ [piq'qe:ħ]	seeing
	/ciq'qišu/	/ciq'qe:š/ [ciq'qe:ʃ]	עִקֵּשׁ [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 <u>PH</u> (up to c. 1000 BCE)	<u>EBHP</u> * <u>EBHP</u> / <sup>+</sup> * <u>EBHP</u> <sup>35</sup> (c. 850-550 BCE)	<u>TH</u> * <u>[TH]</u> (c. 850 BCE)	Meaning/Comments
<i>Prepositions</i>	/ba,ly/	/,baly/ > /bi,ly/ (EBHP?/) [bɪ,ly]? [ <u>bi,liy</u> ]? > /bi,li/ (EBHP?/)	בְּלִי [bə'li:]	without.
	/bal'ty/	/bal,ty/ > /bil,ty/ (EBHP?/) [bɪl,ty]? [ <u>bɪl,tīy</u> ]? > /bil,tī/ (EBHP?/)	בְּלִתִּי [bilti:]	not.
<i>Interrogatives</i>	'mah/	<u>'mah/</u> [meh]	מָה ['mo:]	what?
	'miya <sup>36</sup>	<u>'mī/</u> [mi:]	מִי ['mi:]	who?
<i>Negatives</i>	'iya <sup>37</sup>	'iy/ > /i,ī/ [ʔi:]	אֵי [ʔi:]	none
<i>Adverbs, conjunctions, etc.</i>		Either / <u>awd</u> / [ʔawd] OR / <sup>c</sup> ōd/ [ʔo:d] (assuming derivation / <sup>c</sup> ād/ > / <sup>c</sup> ōd/)	עוֹד [ʔo:ð]	yet, more. <a href="#">See Tequ</a>
	/cittā/	/,citta(:)/ [ʔitte:]	<sup>38</sup> עַתָּה [et'to:] (pausal עַתָּה [ʔo:ttə:]) <sup>39</sup>	now
	/mu'd/	/,mu'd/ [muʔd] > /,mu:d/ [mu:d]	מְאֹד [mə'ʔo:ð]	much. Analogous to <u>*qī'l &gt; *qēl &gt; q'ēl</u> . Will use [mυ'd] in abs. and [mu:d] in constr. in [EBHP] transliterations
<i>Misc.</i>	/lo:/ <sup>40</sup>	/,lô/ [lo:]	לֹא ['lo:]	not
	/zo:t/ <sup>41</sup>	'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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<sup>1</sup> I have drawn heavily on [Beyer 1969](#).

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

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

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

<sup>5</sup> See [Blau 2010](#) §4.4.5.8.

<sup>6</sup> 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.

<sup>7</sup> [Blau 2010](#) §3.5.8.3.

<sup>8</sup> [Blau 2010](#) §3.5.7.1.9.

<sup>9</sup> Note [non-spirantization of the bgdkpt consonants](#)

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

<sup>11</sup> [Blau 2010](#) §1.19.4.

<sup>12</sup> [Blau 2010](#) §3.4.4.3.

<sup>13</sup> See [Blau 2010](#) §3.5.4.8.

<sup>14</sup> See [Blau 2010](#) §3.5.4.8.

<sup>15</sup> [Blau 2010](#) §3.4.4.3.

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

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

<sup>18</sup> [Blau 2010](#) §3.4.4.3.

<sup>19</sup> [Blau 2010](#) §3.4.4.1.

- <sup>20</sup> [Aramaic](#) form brought into Hebrew in the post-exilic period.
- <sup>21</sup> [Beyer 1969](#) p. 65.
- <sup>22</sup> Note [non-spirantization of the \*bgdkpt\* consonants](#)
- <sup>23</sup> Form with *o* preferred due to affect of [vowel harmony](#).
- <sup>24</sup> [Manuel 1995](#) p. 127 note 338.
- <sup>25</sup> Note [non-spirantization of the \*bgdkpt\* consonants](#)
- <sup>26</sup> See [Joüon-Muraoka 1991](#) § 88g.
- <sup>27</sup> Note [non-spirantization of the \*bgdkpt\* consonants](#)
- <sup>28</sup> [Blau 2010](#) §3.4.5.8.
- <sup>29</sup> [Blau 2010](#) §4.4.6.10.
- <sup>30</sup> [Blau 2010](#) §3.4.4.2.
- <sup>31</sup> [Blau 2010](#) §3.4.4.3.
- <sup>32</sup> Note [non-spirantization of the \*bgdkpt\* consonants](#)
- <sup>33</sup> Note [non-spirantization of the \*bgdkpt\* consonants](#)
- <sup>34</sup> See [Huehnergard 1992](#) pp. 223.
- <sup>35</sup> Note [non-spirantization of the \*bgdkpt\* consonants](#)
- <sup>36</sup> "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.
- <sup>37</sup> "Perhaps *ÿya*; contra TH *ÿ*. The Standard Phoenician form (*ÿ*) may originally have been an interrogative, as in Ugaritic *ÿy*'where' (Segert 1976 § 55.82), but the status of the vowel(s) is uncertain. The ugaritic form seems to show heterogeneous diphthong contraction (= *ÿÿÿ*, 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.
- <sup>38</sup> [Blau 2010](#) §3.5.12.2.12n.
- <sup>39</sup> The pausal form reflects the stress pattern in [BHA phase 3](#) - see [Blau 1972](#) p. 85.
- <sup>40</sup> But see [Andersen 1999](#) p. 6.

<sup>41</sup> But see [Andersen 1999](#) pp. 6-8.