

## Lexicon of Unmarked Consonantal Phonemes in Biblical Hebrew

/ğ/ [y]<sup>1</sup>

### 1 *Background and Approach*

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]<sup>2</sup> and [x] both represented by the letter ך, and the sounds [ʕ] and [y], both represented by the letter ם, 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 It is clear that this distinction was phonemic (see [Consonantal Minimal Pairs in Biblical Hebrew No Longer Valid in Later Hebrew](#)).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 ך represents /ħ/ [ħ] or /ħ/ [x] and where ם represents /c/ [ʕ] or /ğ/ [y]. 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 ם as [y] where either:

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Sept. Septuagint; → Swete *Septuagint*, Göttingen Edition 1936ff; Rahlfs *Sept.*; Brooke-M. OT *in Greek*; Sept<sup>A</sup> → BHS Prolegomena p. iv; Würthwein *Text 75f* (fourth ed.); Sept<sup>Ra</sup> → Rahlfs *Septuaginta*

- a) The [Septuagint](#) transliterates the  $\gamma$  in the Hebrew root with a [Gamma](#); or,
- b) clearly cognate roots or words in other [Semitic languages](#) exhibit [g] rather than [c].
- 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](#) §9.1), the frequency of [c] is much higher than that of [g] in Semitic languages, in all other cases we should assume that  $\gamma = [c]$ .

	Root or Word	<a href="#">EBHP</a> * <a href="#">EBHP</a> /* <a href="#">EBHP</a> <sup>3</sup> (c. 850-550 BCE) (? = uncertain whether the phoneme is /g/ or /c/)	Meaning	Comments
א	אֲבִידָע	/ʔabīyā'da:ǰ/?	personal name	<a href="#">Blau 1982</a> §8.2.3a
	אֲבַעְבָּעַת	/ʔabaǰbu:'ǰōt/?	blisters, ulcers	Unknown whether $\gamma$ in this word represents [c] or [g]
	אֲחִימַעַץ	/ʔahī'maǰs/? [ʔexi:'meys] or [ʔexi:'mexəs']	personal name	See <a href="#">Blau 1982</a> §8.2.3c.
	אֲלִדְעָה	/ʔilda'ǰa:/ [ʔɛlde'ɣe:]		Ελαργα <a href="#">Blau 1982</a> §7, 8.2.5a.
	אֲלֵעוּזִי	/ʔilǰū'zay/? [ʔɛɣu:'zey]	personal name	See <a href="#">Blau 1982</a> §8.2.3c.
	אֲלֵשָׁה	/ʔilǰa'śa:/? [ʔɛɣe' ʔe:]	personal name	See <a href="#">Blau 1982</a> §8.2.3c.
	אֲפַע, אֲפֵע [ʔpǰh]	/ʔapǰ/ [ʔepɣ] or [ʔepəɣ]	chaotic, void, illusion	
	אֲצַעְדָּה [ʔsǰd]	/ʔisǰa'da:/ [ʔɛs'ɣe'de:]	bracelet	
	אֲשַׁעַן	/ʔis'ǰa:n/?	place name	See <a href="#">Blau 1982</a> §8.2.3c

	Root or Word	<u>EBHP</u> * <u>EBHP</u> + * <u>EBHP</u> <sup>3</sup> (c. 850-550 BCE) (? = uncertain whether the phoneme is /g/ or /e/)	Meaning	Comments
		[ʔɛ ʃʕa:n]		
ב	בלע	√blg	1. to report, to announce 2. to be confused	Meaning 1) from √baluḡa Meaning 2) from √balaḡa cf. √bl <sup>c</sup> = "to swallow" <a href="#">Blau 1982 §7.</a>
	בלע בלעי [√blg]	/balg/ [ʔbely] or [ʔbelex] /bal'gī/	slander, confusion, personal name "eloquent" gentilic	cf. בלע (EBHP /bal/) √bl <sup>c</sup> "what has been swallowed " <a href="#">Blau 1982 §7.</a>
	בנעא	/bin'gā'/?	place name	See <a href="#">Blau 1982 §8.2.3c</a>
	1. בעה	√bgh < √bgý	to enquire, search for	Ugaritic √bgý to wish and Arabic √bgý to search
	2. בעה	√bgh < √bgw	to bring to the boil ( <i>piel</i> ), to bulge out ( <i>niphal</i> )	Arabic √bgw swell up (wound)
	3. בעה	√bgh?	to graze bare	Unknown whether y in this root represents [e] or [g]
	בעור	/bi'gōr/?		<a href="#">Blau 1982 §8.2.3a</a>
	בעות [√bgt]	/big'gūt/	terrors	
	בעז	/buḡz/ [buyz] or [bʕʕəz]	personal name "liveliness"	Arabic <i>baḡz</i> liveliness
	בעט	√bgt?	to kick	Unknown whether y in this root represents [e] or [g]
	בען	/bi'gōn/?	place name	<a href="#">Blau 1982 §8.2.3b</a>
	בענא	/biggā'na'/?	personal name	<a href="#">Blau 1982 §8.2.3c</a>
	בעשיה	/baḡsí'yah/?	personal name	<a href="#">Blau 1982 §8.2.3c</a>
בעת	√bgt	gripped by fear	Arabic <i>baḡata</i> to come as a surprise	

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	בַּעַתָּה [ʔbʕt]	/baʕa'ta:/	terror	
	בִּרְשָׁע	/bir'siʕ/?	personal name	<a href="#">Blau 1982</a> §8.2.3a
	בַּעֲשָׂא	/baʕ'sa'/?	personal name	<a href="#">Blau 1982</a> §8.2.3c
ג	בְּעִשְׂתָּרָה	/bēʕašta'ra:/?	place name	<a href="#">Blau 1982</a> §8.2.3c
	גַּעֲשׂ	/'gaʕš/? ['geʕ] or ['geʕə]	place name	<a href="#">Blau 1982</a> §8.2.3c
	גַּעְתָּם	/gaʕ'tam/?	personal name	<a href="#">Blau 1982</a> §8.2.3a, c
ד	דָּמַע	/'damʕ/? ['demy] or ['deməʕ]	best	Best based on Arabic <i>dimāʕ</i> marrow, brain > best. It could also be a specialized meaning for דָּמַע (EBHP /'damʕ/) = "tears"
	דְּעוּאָל	/dʕū'e:l/	personal name	<a href="#">Blau 1982</a> §8.2.5b
ה	הִנַּע	/'hinʕ/? ['hiny] or ['hinəʕ]	place name	<a href="#">Blau 1982</a> §7, 8.2.6c
ז	זִיעַ	/'ziʕ/?	personal name	<a href="#">Blau 1982</a> §8.2.3c
	זַעְהָ	ʔzʕh	מְזַעְזְעִיר [EBHP muzaʕza'ʕēka] "those who bark at you"	מְזַעְזְעִיר
	זַעוֹן	/zaʕ'wa:n/?		Perhaps root ʔzwʕ ( <a href="#">Blau 1982</a> §8.2.6a)
	זַעִיר [ʔzʕr]	/zʕ'ay/ (EBHP) > /zʕ'ēr/ (EBHP <sub>isr</sub> and LBHP)	small, little, young	
	זַעַם	ʔzʕm	to curse, scold	Arabic <i>zaʕama</i> to speak in anger
	זַעַם [ʔzʕm]	/'zaʕm/	indignation	

	Root or Word	<u>EBHP</u> */EBHP/* * <u>[EBHP]</u> <sup>3</sup> (c. 850-550 BCE) (? = uncertain whether the phoneme is /g/ or /ʕ/)	Meaning	Comments
		[ <u>'zeym</u> ] or [ <u>'zeɣəm</u> ]		
	זַעַר־	√zgr	to be sparse, scanty	By-form of [ <u>sgr</u> ]
ט	טַעְהַ	√tgh	to wander about, err	Arabic <i>ṭaḡāw</i> to exceed proper bounds, <i>ṭāḡin</i> one who deviates from the right way, tyrant
י	יְהוֹעָדָה	/yāhōgad'da:/?	personal name	<a href="#">Blau 1982</a> §8.2.3c
	יֹעֵד	/yō' <u>ge</u> :d/?	personal name	<a href="#">Blau 1982</a> §8.2.3c
	יַעֲבֵץ	/yaḡ' <u>be</u> :ʃ/?		<a href="#">Blau 1982</a> §8.2.4c suggests original root √gd'b √ḡbd'. (See also <a href="#">Blau 1982</a> §7.) However, HALOT suggests cognates Ugaritic <i>ʿbš</i> satchel, Arabic <i>ʿifāš</i> shepherd's pouch, purse), hollow?
	יְעוֹשׁ	/ya'ḡūš/	Personal name "may (God) help"	Arabic √yḡt <a href="#">Blau 1982</a> §8.1
	יַעִיר	/ya'ḡīr/?	Personal name	Ugaritic √gr to protect. <a href="#">Blau 1982</a> §8.2.3c
	יַעֲלָם [√ḡlm]	/yaḡ' <u>la</u> :m/	Personal name	λεγλομ ( <a href="#">Blau 1982</a> §8.2.4a,c)
	יַעֲנָה	/yaḡ'na:/?	ostrich	Possibly cognate to Arabic <i>wāḡana</i> to be bold in battle or Arabic <i>wāʿnat</i> stony country (the ostrich as a desert animal)
	יַעֲפֵץ	√yḡp		Arabic √wḡf to run, hurry
	יַעֲקֹן	/yaḡ'qa:n/?	personal name	See <a href="#">Blau 1982</a> §8.2.3b.
	יַעֲשִׂיאַל	/yiḡsí' <u>e</u> :l/?	Personal name	<a href="#">Blau 1982</a> §8.2.3c

	Root or Word	<u>EBHP</u> */EBHP/* * <u>[EBHP]</u> <sup>3</sup> (c. 850-550 BCE) (? = uncertain whether the phoneme is /g/ or /ʕ/)	Meaning	Comments
	יַעֲרָשִׁיָּהּ	/yirgāš'yah/	Personal name	<a href="#">Blau 1982</a> §8.1
כ	כְּדָרְלָעִמָּר	/kʰdurla'gumr/ ['zɛym] or ['zɛɣəm]	Personal name	Χοδολογομορ. <a href="#">Blau 1982</a> §8.2.5a
ל	לַעֲדָ	√lǝdʔ		Arabic <i>luǧd</i> earlobe, flesh on the throat.
	לַעֲדָה [√lǝd]	/laǧ'da:ʔ/	Personal name "someone with a fleshy throat"	<a href="#">Blau 1982</a> §8.2.3c
	לַעֲדָן [√lǝd]	/laǧ'da:nʔ/		
	לַעֲזָ	√lǝz	to speak an uncomprehensible language	Arabic <i>laǧaza</i> to speak ambiguously, speak in riddles
	לַעֲטָ	√lǝtʔ	to swallow	Unknown whether <i>y</i> in this root represents [c] or [ǧ]
	לַעֲנָה	/laǧ'na:ʔ/	wormwood	Unknown whether <i>y</i> in this word represents [c] or [ǧ]
	לַעֲעָ	√lǝǧ	to stammer	Arabic <i>laǧāw</i> chatter Cf. √לעע (EBHP √l <sup>cc</sup> ) "to drink avidly"
	לַעֲשָׂ	/'lašǧʔ/ ['lɛʃ] or ['lɛʃɛ]	place name	<a href="#">Blau 1982</a> §8.2.3a
	לַתַּעָ	√ltǧ		Arabic <i>lataǧa</i> and <i>ladaǧa</i> bite, sting
מ	מַגְפִּיעַשׁ	/magpī'ǧa:šʔ/	personal name	<a href="#">Blau 1982</a> §8.2.3c
	מִזְעָר [√zǝr]	/miz'ǧa:r/	something small	
	מַלְתָּעוֹת [√ltǧ]	/malta'ǧōt/	jaw-bone	
	מַעֲוִן [√ǧwn]	/ma'ǧōn/	hidden lair, of lions, dwelling	Cf. מַעֲוִן (EBHP /ma'cōn/) "assistance"
	מַעֲטָה	/maǧ'ṭɛ/	outer garment, mantle	Arabic <i>ǧiṭā</i> item of clothing

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	מָעִי	/maɣ'ay/?	personal name	<a href="#">Blau 1982</a> §8.2.3c
	מָעִיל	/maɣ'gīl/	sleeveless, cloak-like outer garment	Arabic <i>gīlālat</i> veil, shawl (√gll)
	מַעֲכָה	/maɣ'ka:/?	personal name	<a href="#">Blau 1982</a> §8.2.3a, c
	מַעֲכַת מַעֲכָה	/maɣ'ka:/?	place name	Μααχα, Μωχα, Μαχατι/θι
	מַעֲכַתִּי	/maɣka'ti/?	gentilic of <a href="#">מַעֲכָה</a>	<a href="#">Blau 1982</a> §8.2.3b, c
	מַעֲרָב [√grb]	/maɣ'ra:b/?	west, sunset	Ugaritic <i>m<sup>c</sup>rb</i> but Arabic <i>mağrib</i>
	מַעֲרָה	/maɣa'ra:/	cave, animal den	Μααραγαβα. Ugaritic <i>mğrt</i> ; Arabic <i>mağārat</i> Cf. <a href="#">מַעֲרָה</a> (EBHP /ma <sup>c</sup> a'rā/) "cleared field"
	מַעֲרַת	/maɣ'ra:t/?	place name	<a href="#">Blau 1982</a> §7 root √ <sup>c</sup> rw or √grw
	מַעֲשֵׂי	/maɣ'say/?	personal name	<a href="#">Blau 1982</a> §8.2.3c
	מַעֲשֵׂיהוּ	/maɣsí'yahū/?	personal name	<a href="#">Blau 1982</a> §8.2.3c
	מַעֲשֵׂיהָ	/maɣsí'yah/?		
	מַצְעָד [√sgd]	/miš'ga:d/	step	
	מַצְעָר [√sgr]	/miš'ga:r/	something small	
	מַרְעֵלָה	/margə'la:/?	place name	Sept. <sup>B</sup> Μαραγελλα, Sept. <sup>AL</sup> Μαρι/αλα. Arabic <i>ra<sup>c</sup></i> / but see <a href="#">Blau 1982</a> §7, 8.2.6c
	מִשְׁעָם	/miš'ga:m/?	personal name	<a href="#">Blau 1982</a> §8.2.3c
	מִשְׁרָעִי	/mišra'gī/?	gentilic of unknown *מִשְׁרָעִי	<a href="#">Blau 1982</a> §8.2.3c

	Root or Word	<u>EBHP</u> */EBHP/* * <u>[EBHP]</u> <sup>3</sup> (c. 850-550 BCE) (? = uncertain whether the phoneme is /g/ or /c/)	Meaning	Comments
נ	נבע√	√nbg?	to gush forth	Unknown whether y in this root represents [c] or [g] - Arabic nb <sup>c</sup> /g to bubble
	נעה	/nu'ga:/?	personal name	<a href="#">Blau 1982</a> §8.2.3b
	נעה	/ni'ga:/?	place name	<a href="#">Blau 1982</a> §8.2.3c
	נעאל	/naḡi'e:l/?	place name	<a href="#">Blau 1982</a> §8.2.3c
	נעיקמה [√ngm]	/naḡi'ma:/	lovely sound, sound of music	Arabic <i>naḡ(a)m(at)</i> melody
	נעס√	√ngm	to sing	Arabic <i>nagama</i> to speak softly, sing Cf. נעם (BH √n <sup>c</sup> m) = "be pleasant, delightful"
ס	סיעהא	/sī'ga'/?	personal name	<a href="#">Blau 1982</a> §8.2.3c
	סרעפה	/sarḡa'pa:/	branch	Šh. <i>ṣeḡlif</i> , Meh. <i>sarḡaif</i> , flowering shoot of the palm
ע	עב	/'ga:b/	dense clouds	<i>gb/gbm</i> cloud, (two) clouds Cf. עב (EBHP /'cabb/) an uncertain architectural term.
	עבה√	√gbh	to become thick, fat	Ugaritic <i>gbn</i> plenty (√gby)
	עבות [√gbt]	/ḡi'bōt/	branch	Arabic <i>ḡalibṭ</i> sheaf, <i>muḡbaṭat</i> ground covered with vegetation
	עבות [√gbt]	/ḡa'bo:t/	dense	
	עבת√	√gbt	to be thick	Cf. עבת (BH c <sup>b</sup> t) probably denominative of עבת

	Root or Word	<u>EBHP</u> */EBHP/* * <u>[EBHP]</u> <sup>3</sup> (c. 850-550 BCE) (? = uncertain whether the phoneme is /g/ or /ʕ/)	Meaning	Comments
	עַד	/ʕad/	lasting future time	Arabic <i>ʕad</i> (root √gdw) tomorrow, later in the future Cf. עַד (EBHP /ʕad/) preposition "as far as"
	עַדְדַּ	√gdđ	to rejoice	Ugaritic √gdđ to rejoice Cf. עַדְדַּ (BH <i>ʕdd</i> ) = "to narrate"
	עַדְנַ	√gdn?	to live a life of luxury	Uncertain whether y in this root represents [e] or [g]. If the latter cognate to Arabic <i>ʕadan</i> life of luxury. <a href="#">Blau 1982</a> §8.1
	עֵדוֹ, עֵדוֹן	<u>/ʕadn/?</u> , <u>/ʕidn/?</u> [ʕedn]/[ʕedən]/ [ʕidn]/[ʕidən]	names signifying bliss etc.	<a href="#">Blau 1982</a> §8.1
	עַדְפַּ	√gdp	to be in excess	Arabic √gdp to be plenteous.
	עַדְרַ	√gdr	to be missing	Cf. עַדְרַ (BH √ʕdr ), by- form of עִזְרַ "to help" <a href="#">Blau 1982</a> §7, 8.1
	עֵדְרַ	<u>/ʕidr/</u> [ʕidr] or [ʕidr]	pool	<a href="#">Blau 1982</a> §7, 8.2.4a. Cf. עֵדְרַ (BH probably √ʕdr ) "flock"
	עוֹג	/ʕawg/ [ <u>ʕawg</u> ]? (EBHP) > /ʕog/? (EBHP <sub>ISr</sub> and /LBHP/)	personal name	<a href="#">Blau 1982</a> §8.2.3b.
	עוֹדְדַ	/gō <u>de:d</u> ?/	personal name	<a href="#">Blau 1982</a> §8.2.3c
	עוּהַ	√gwh	to do wrong ( <i>qal</i> ); to twist ( <i>piel</i> )	Uncertain whether y in this root represents [e] or [g]
	עוּהַ	/gaw'wa:/?	ruin	Cognates עַי and עַי. See <a href="#">Blau 1982</a> §7, 8.2.3c,

	Root or Word	<u>EBHP</u> * <u>EBHP</u> + * <u>EBHP</u> <sup>3</sup> (c. 850-550 BCE) (? = uncertain whether the phoneme is /ǰ/ or /ʕ/)	Meaning	Comments
				8.2.6c suggests original root √wǰw.
	עוֹיִם	/ǰaw'wīm/?	gentilic	<a href="#">Blau 1982</a> §8.2.3b, c.
	עוֹיִת	/ǰa'wīt/?	place name	Here y represents [ǰ] as indicated by <a href="#">Septuagint</a> transliteration Γεθθαίμ. <a href="#">Blau 1982</a> §8.2.6a.
	עוֹן	√ǰwn	to cover (cloud covering the sky), to dwell	Arabic √ǰyn IV to cover; Arabic √ǰny to dwell Cf. עון (BH √ʕwn) root of <a href="#">ma'ōn</a>
	עוֹפִי	/ǰaw'pay/? (EBHP) > /ǰō'pay/? (EBHP <sub>sr</sub> and /LBHP /)	personal name	<a href="#">Blau 1982</a> §8.2.3c.
	עוֹץ	/ǰūs/?	place name	<a href="#">Blau 1982</a> §8.2.3a,c
	עוֹץ	/ǰūs/?	personal and place name	<a href="#">Blau 1982</a> §8.2.3c
	עוֹר	/ǰōr/?	skin	Possible Ugaritic cognate
	עוֹשֵׁב	√ǰwš	to help	Arabic √ǰwt lto help
	עוֹתִי	/ǰū'tay/	personal name	Root √ǰwt Aramaic cognate to √ǰwš. See <a href="#">Blau 1982</a> §8.2.6c, 8.2.7.
	עֲזָבוֹק	/ǰaz'būq/?	personal name	<a href="#">Blau 1982</a> §8.2.3c
	עוֹזֵה	√ǰzh	to nourish	Root of personal names עֲזִיאל, יַעֲזִיָה, יַעֲזִיאל
	עֲזָה	/ǰaz'za:/	place name - Gaza	<a href="#">Blau 1982</a> §8.2.4a
	עֲזִיאל [√ǰzh]	/ǰuzi'e:l/		
	עוֹרֵר	√ǰzr	To be vigorous, abundant?	Ugaritic <i>ǰzr</i> , pl. <i>ǰzrm</i>

	Root or Word	<u>EBHP</u> */EBHP/* * <u>[EBHP]</u> <sup>3</sup> (c. 850-550 BCE) (? = uncertain whether the phoneme is /g/ or /ʕ/)	Meaning	Comments
				young man, warrior, hero Cf. עזר (BH √ <sup>c</sup> zr < √ <sup>c</sup> dr) "to help"
	עִזָּר [√ǰzr]	/ǰō'ze:r/	hero, warrior	
	עִזָּר [√ǰzr]	/ǰizr/ [ʕizr] or [ʕizər]	strength	If this word existed in EBHP it would be impossible to distinguish from עִזָּר (EBHP /ʕizr/) = "help"
	עֲזָתִי	/ǰazza'ti/		person from <a href="#">Gaza</a>
	עטה√	√ǰth	wrap up, cover	Arabic √ǰtw to cover Cf. עטה (BH √ <sup>c</sup> th) "to delouse"
	עֲטָרוֹת	/ǰaṭa'rōtʔ/	place name	<a href="#">Blau 1982</a> §8.2.3b,c.
	עִי [√ǰwy]	/ǰi/	ruins	Cognates עֵינָה and עֵי <a href="#">Blau 1982</a> §7, 8.1
	עִי [√ǰwy]	/ǰay/	place name	Here y represents [ǰ] as indicated by Septuagint transliterations Γαι and 'Αγγαι. Cognates עֵי and עֵינָה. <a href="#">Blau 1982</a> §8.2.5a
	עֵיבָל	/ǰay'ba:l/ (EBHP) > /ǰê'ba:l/ (EBHP <sub>isr</sub> and /LBHP/)	place and personal name	Γαιβαλ. Cf. perhaps Ugaritic placename <i>ǰb/</i> <a href="#">Blau 1982</a> §7, 8.2.5a
	עֵינָה [√ǰwy]	/ǰay'ya:l/	place name	Probably fem. by-form of עֵי (EBHP /ǰay/). <a href="#">Blau</a> <a href="#">1982</a> §8.2.5c

	Root or Word	<u>EBHP</u> * <u>EBHP</u> + * <u>EBHP</u> <sup>3</sup> (c. 850-550 BCE) (? = uncertain whether the phoneme is /ǵ/ or /ʕ/)	Meaning	Comments
	עֵיזֶן	/ǵi'yōn/?	place name	<a href="#">Blau 1982</a> §8.2.3c.
	עֵיטַ	√ǵyt?	to shout at	Arabic √cyt to scream: √ǵyz to inflame with anger
	עֵיטָם	/ǵay'ta:m/ (EBHP) > /ǵê't'a:m/ ( <a href="#">EBHP<sub>isr</sub></a> and <a href="#">LBHP</a> /)	place name	<a href="#">Blau 1982</a> §8.2.3c.
	עֵימִים [ǵiym]	/ǵi'yīm/	place name	<a href="#">Blau 1982</a> §8.2.4b, 8.2.5b.
	עֵילִי	/ǵi'lay/?	personal name	<a href="#">Blau 1982</a> §8.2.3c.
	עֵילָם	/ǵê'la:m/?	place name	<a href="#">Blau 1982</a> §8.2.3a, c.
	עֵימָם	/ǵu'ya:m/?		probably should be read עַמַּע but could be from Arabic <i>ǵāma</i> to be overcast, be tormented by a burning thirst; substantive <i>ǵaym</i> cloud, anger, thirst
	עֵיפָ	√ǵyp	Arabic √ǵyb to set (sun)	Root of מְעִיף, מְעִיפָה, I עֵיפָה, עֵיפָה Cf. עֵיף (BH √cyp) "to become tired"
	עֵיפָה [√ǵyp]	/ǵay'pa:/ (EBHP) > /ǵê'pa:/ ( <a href="#">EBHP<sub>isr</sub></a> and <a href="#">LBHP</a> /)	place name "darkness"	Γαιφα, Arabic <i>ǵayfa</i> . <a href="#">Blau 1982</a> §7, 8.2.4a,c suggests root √ǵpr, <a href="#">Blau</a> <a href="#">1982</a> §8.2.5c
	עֵירַ	√ǵyr	to protect ( <i>qal</i> )	Cognates in Ugaritic, Arabic etc. Cf. עוּרַ (BH √cwr) "to wake up, be blind"
	עֵירָד	/ǵi'ra:d/?	personal name	Γαιδαδ. <a href="#">Blau 1982</a> §8.2.6a

	Root or Word	<u>EBHP</u> * <u>/EBHP/</u> + * <u>[EBHP]</u> <sup>3</sup> (c. 850-550 BCE) (? = uncertain whether the phoneme is /g/ or /g'/)	Meaning	Comments
	עִרָם	/g̃ra:m/?	personal name	<a href="#">Blau 1982</a> §8.2.3c
	עֵיַת	/gay'ya:t/	place name	= <a href="#">עֵיַת</a> . <a href="#">Blau 1982</a> §8.2.5c
	עָלָא	/gul'la'/?	personal name	<a href="#">Blau 1982</a> §8.2.3c
	עָלְוָה	/gal'wā/	place name	Γωλα
	עָלוּמִים [vǧlm]	/ǧalū'mīm/	youth	
	עָלֹן	/gal'wa:n/	personal name	Γωλων etc.
	עֲלֹט	vǧlṭ	to be overcast, dark	Arabic <i>ǧaṭala</i> to be overcast (sky)
	עֲלֹטָה [vǧlṭ]	/ǧala'ta:/	darkness	
	עֲלֹל [vǧll]	vǧll	to immerse ( <i>polel</i> )	Cf. <a href="#">עֲלֹל</a> (BH <a href="#">עֲלֹל</a> ) "to glean, to deal severely with, act wantonly"
	עֲלֹם	vǧlm	to be agitated, to be (become) dark ( <i>hiphil</i> )	Cf. <a href="#">עֲלֹם</a> (BH <a href="#">עֲלֹם</a> ) "to conceal"
	עָלָם [vǧlm]	/'ǧalm/ ['yelm] or ['yeləm]	young man	
	עָלָמָה [vǧlm]	/ǧal'ma:/	young woman	
	עָלוּמִים [vǧlm]	/ǧalū'mīm/	youthful strength	
	עָלְמוֹן	/ǧal'mōn/?		<a href="#">Blau 1982</a> §7, 8.2.4b suggests root contains <i>ǧ</i> . However, HALOT suggests cognate to Arabic <i>ʿalam</i> way-marker
	עָלְמַת [vǧlm]	/ǧa'lamt/	place and personal name	Γαλεμεθ. See <a href="#">Blau 1982</a> §7, 8.2.4c.
	עֲלֹפ	vǧlp	to be faint, to cover	Cognates in Ugaritic and Arabic.
	עֲמַם	vǧmm	to cover, darken amaze	Arabic <i>ǧamma</i> to cover
	עֲמַר	vǧmr	to gather the cut ears of	

	Root or Word	<u>EBHP</u> */EBHP/* * <u>[EBHP]</u> <sup>3</sup> (c. 850-550 BCE) (? = uncertain whether the phoneme is /g/ or /ʕ/)	Meaning	Comments
			grain	
	עֲמָר [ʕgm̩r]	/' <u>gumr</u> /' [ <u>'yʕmr</u> ] or [ʕʕom̩er]	sheaf, measure of grain	<a href="#">Blau 1982</a> §8.1, 8.2.4b. Arabic <i>gumr</i> sheaf and <i>gumar</i> small drinking vessel, beaker: measure for corn
	עֲמֹרָה	/g̩umur'ra:/	Gomorrah	Γομορρα. <a href="#">Blau 1982</a> §8.2.4a suggests root ʕgm̩r.
	עֲמָשָׂא	/g̩ama'sa'/?	personal name	<a href="#">Blau 1982</a> §8.2.3c
	עֲמָשִׁי	/g̩ama'say'/?	personal name	<a href="#">Blau 1982</a> §8.2.3c
	עֲמָשִׁסִּי	/g̩amaš'say'/?	personal name	<a href="#">Blau 1982</a> §8.2.3c
	עֵנָב	/gi'na:b'/?	grape	Ugaritic <i>gnb</i> but Arabic <i>ʕinab</i>
	עֲנַג	ʕgng	to pamper	Arabic <i>ganija</i> to make a fuss, to pamper
	עֲנָג [ʕgng]	/' <u>gung</u> /' [ <u>'yung</u> ] or [ʕʕon̩əg]	pleasure	
	עֲנָג [ʕgng]	/g̩a'no:g/	pampered	
	עֲנָה	ʕgnh	to sing	Arabic ʕgny to sing Cf. עֲנָה (BH ʕnh) = "to answer, to be afflicted, to be worried"
	עֲנָה	/g̩a'na:/?	personal name	See <a href="#">Blau 1982</a> §8.2.3a.
	עֲנִים	/g̩a'nīm'/?	place name	Kh. <i>Ḡuwēn et-Tahta</i> <a href="#">Blau 1982</a> §8.2.3c.
	עֲנִם	/g̩a'ne:m'/?	place name	<a href="#">Blau 1982</a> §8.2.3c.
	עֲנָמִים	/g̩ana'mīm'/?	personal name	See <a href="#">Blau 1982</a> §8.2.3c.
	עֲנַמְלֵךְ	/' <u>gan'malk</u> /' [ʕen'melk] or [ʕen'melək]	divine name	See <a href="#">Blau 1982</a> §8.2.3c.

	Root or Word	<u>EBHP</u> * <u>EBHP</u> + * <u>EBHP</u> <sup>3</sup> (c. 850-550 BCE) (? = uncertain whether the phoneme is /g/ or /ʕ/)	Meaning	Comments
	עָנוּן	/ǵa'na:n/?	personal name	See <a href="#">Blau 1982</a> §8.2.3c.
	עָנָר	/ǵa'ne:r/?	personal name	See <a href="#">Blau 1982</a> §8.2.3c.
	עֲנַשׁ	√ǵnš	to fine	? Ugaritic √ǵnt
	עֲנִישׁ [√ǵnš]	/' <u>ǵunš</u> /' [ʕnɪʃ] or [ʕoʔnəʃ]	a fine	
	עֲסִיס [√ǵss]	/ǵa'sīs/	grape juice	γλεῦ κοῦ
	עֲסַס	√ǵss	to crush underfoot ( <i>qa</i> )	
	עֲפַל	√ǵpl	to be impudent	Arabic √ǵfl to be foolish, impudent Cf. √ʕpl which relates to "swellings or hills"
	עֲפַר	√ǵpr or √ʕpr		Both these root are represented in BH - <a href="#">Blau 1982</a> §7
	עֲפָר	/' <u>ǵupr</u> /' [ʕupr] or [ʕoʔpəʔ]	young deer or ibex	<a href="#">Blau 1982</a> §8.1 Arabic <i>ǵufr</i> the young of an ibex Cf. √ʕpr which relates to "dust"
	עֲפָרָה	/ǵup'ra:/?	place and personal name	See <a href="#">Blau 1982</a> §7, 8.2.4c but HALOT suggests as cognate Arabic <i>ʕufrat</i> "reddish-white colour of the dust"
	עֲצַה	√ǵšh	to screw up (the eyes)	√ǵdʁ to shut the eyelids Cf. √נה (BH <i>ʕnh</i> ) = "to argue, quarrel"
	עֲצוֹן-גָּבֵר	/ǵiʃōn 'gabr/	place name	Γασιωνγαβερ. <a href="#">Blau 1982</a> §7, 8.2.4b suggests root √ǵdy; HALOT Arabic <i>ǵadiān</i> , <i>ǵada</i> bushes

	Root or Word	<u>EBHP</u> * <u>/EBHP/</u> + * <u>[EBHP]</u> <sup>3</sup> (c. 850-550 BCE) (? = uncertain whether the phoneme is /ǵ/ or /ʕ/)	Meaning	Comments
	עצם/√	√ǵšm	to shut eyes	Cf. √עצם (BH √ʕšm) = "to be powerful"
	עצר/√	√ǵšr	to hold back, restrain	Ugaritic √ǵšr. to surround, mark the boundary
	עָצַר [√ǵšr]	/'ǵašr/	restraint	
	עָצַר [√ǵšr]	/'ǵušr/	oppression	
	עֲצֵרָה, עֲצֵרָת [√ǵšr]	/ǵaša'ra:/, /ǵa'šart/	celebration, festive assembly	
	עָקַן	/ǵa'qa:n/?	personal name	See <a href="#">Blau 1982</a> §8.2.3a.
	עַר	/'ǵe:r/?	personal name	See <a href="#">Blau 1982</a> §8.2.3a.
	ערב/√	√ǵrb?	root of evening, west	Arabic √ǵrb to go away, leave, go down (of the sun) but in Ugaritic it is √ʕrb
	עֹרֵב and עֲרֵב	/ǵō're:b/	personal name	<a href="#">Blau 1982</a> §8.1 Cf. ערב/√ (BH √ʕrb) "to stand surety" and many other meanings.
	עֲרָבָה	/ǵara'ba:/	willow, poplar	Arabic <i>ǵabara</i> dust, Cf. עֲרָבָה (EBHP /ʕara'bā/) = "dry, infertile region"
	עֲרָבָתִי	/ǵarba'ti/	gentilic of בֵּית הָעֲרָבָה	<a href="#">Blau 1982</a> §7, 8.2.1
	עֲרוֹעַר עֲרֵעֵרִי	/ǵarō'ǵe:r/? /ǵarōǵi'rī/?	place name gentilic	See <a href="#">Blau 1982</a> §8.2.3b.
	ערל/√	√ǵrl	to allow to remain as the "foreskin", not to harvest etc.	Denominative of עֲרָלָה and עָרַל Arabic <i>ǵarila</i> to be uncircumcised

Root or Word	<u>EBHP</u> */EBHP/* * <u>[EBHP]</u> <sup>3</sup> (c. 850-550 BCE) (? = uncertain whether the phoneme is /ǧ/ or /ʕ/)	Meaning	Comments
עָרַל [√ǧrl]	/ǧa're:l/	uncircumcised	
עָרְלָה [√ǧrl]	/ǧur'la:/	foreskin	
עָרַם √	√ǧrm?	to store up, pile up	Cf. עָרַם (BH √ʕrm) = "to be crafty"
עָרְמָה [√ǧrm]	/ǧari'ma:/	granaries, heaps, stores of fruit	Ugaritic <i>ǧrmm</i>
עָרַן	/ǧē'ra:n/?	personal name	See <a href="#">Blau 1982</a> §8.2.3b.
עָרְנִי	/ǧēra:'nī/?	gentilic of עָרַן	See <a href="#">Blau 1982</a> §8.2.3b.
עָרְפָּל	/ǧara'pe:l/	thick darkness	Ugaritic <i>ǧrpl</i> dark cloud
עָשָׂה √	√ǧšh	to protect, cover	Arabic <i>ǧašiya</i> to cover, veil Cf. עָשָׂה (EBHP √ʕšh) "to do, make, knead"
עָשָׂה √	√ǧšh	to turn towards	Arabic <i>ǧašāw/y</i>
עָשָׂה אֵל	/ǧaša'e:l/?	personal name	See <a href="#">Blau 1982</a> §8.2.3c.
עָשָׂה ו	/ǧē'sa:w/?	personal name	See <a href="#">Blau 1982</a> §8.2.3a.
עָשָׂה	/ǧašš/	rot	Arabic <i>ǧatta</i> to be (become) meagre Cf. עָשָׂה (EBHP /ʕašš/) "moth"
עָשָׂה אֵל	/ǧašā'e:l/?	personal name	See <a href="#">Blau 1982</a> §8.2.3c.
עָשָׂה יָה	/ǧašā'yah/?	personal name	See <a href="#">Blau 1982</a> §8.2.3c.
עָשָׂה √	√ǧšš?	to become dark, clouded, weak	Arabic √as-asa to be dark; to become weak and Arabic √ǧtt to be meager, weak
עָתִי	/ǧat'tay/?	personal name	See <a href="#">Blau 1982</a> §8.2.3c.
עָתִי יָה	/ǧatā'yah/?	personal name	See <a href="#">Blau 1982</a> §8.2.3c.

	Root or Word	<u>EBHP</u> * <u>/EBHP/</u> + * <u>[EBHP]</u> <sup>3</sup> (c. 850-550 BCE) (? = uncertain whether the phoneme is /g/ or /ʕ/)	Meaning	Comments
	עַתָּד	/gə'ta:k/?	place name	See <a href="#">Blau 1982</a> §8.2.3c.
	עַתְל	√gtl?	eminence?	
	עַתְלִי [√gtl]	/gat'lay/	personal name	
	עַתְלִיָּה [√gtl]	/gatal'yah/?	personal name	Γοθονιας. See <a href="#">Blau 1982</a> §7.
	עַתְלִיָּהוּ [√gtl]	/gatal'yahū/?	personal name	Γοθολια. <a href="#">Blau 1982</a> §7, 8.2.6c
	עַתְנִיאַל	/gutnī'e:l/? [χutni:'?e:l] or [χo tnm'e:l]	personal name	See <a href="#">Blau 1982</a> §7, 8.2.6c.
	עַתְר	/gatr/?	place name	See <a href="#">Blau 1982</a> §8.2.3c.
פ	פּוּגָה	/pū'ga:/?	personal name	Ugaritic appellative pgt <a href="#">Blau 1982</a> §8.2.3b.
	פּעָה	√pgh	to moan in childbirth	Arabic <i>baḡā</i> (√bǧy) to bleat.
	פָּעוּ	/'paḡū/	place name	Φογωρ. <a href="#">Blau 1982</a> §8.2.5a
	פָּעוֹר	/pi'ḡōr/	place name	Βεελφεγωρ. <a href="#">Blau 1982</a> §8.2.5b
	פָּעִי	/pa'ḡī/	place name	<a href="#">Blau 1982</a> §8.2.5c
	פּעַר	√pgr ?	to open the mouth	Arabic <i>faḡara</i> but Ugaritic <i>pʕr (šm)</i>
	פָּעַרִי	/pa'ḡay/?	personal name	See <a href="#">Blau 1982</a> §8.2.3c.
	פּצַע	√psḡ	to wound	Ugaritic √pzḡ but Arabic <i>faṣa'a</i> to squeeze out
	פָּצַע	/'paṣḡ/	a wound	
	פָּרַעַשׁ	/par'ḡo:š/	flea, personal name	Ugaritic <i>prḡt</i> (masc.) flea
	פָּרַעַתּוֹן פָּרַעַתּוֹנִי	/parḡa'tōn/? /parḡatō'nī/?	place name gentilic	<a href="#">Blau 1982</a> §8.2.3c.
	צ	צַבַּע	√šbḡ	to dye

	Root or Word	<u>EBHP</u> * <u>/EBHP/</u> + * <u>[EBHP]</u> <sup>3</sup> (c. 850-550 BCE) (? = uncertain whether the phoneme is /g/ or /ʕ/)	Meaning	Comments
	צָבַע [√šbg]	/ʕabg/	dyeing	
	צָבֵּוֹן [√šbg]	/šab'gōn/	place name	Σεβειων. <a href="#">Blau 1982</a> §8.2.4a suggests root √šbg.
	צִעְצְעִים צוֹעַד [√šwǧ]	√šwǧ		Arabic <i>šāǧa</i> (√šwǧ) to form, shape, mould
	צוֹעָר [√šǧr]	/šū'ǧa:r/	personal name = "small"	<a href="#">Blau 1982</a> §8.2.4b.
	צִעַד [√šǧd]	√šǧd	to march	Ugaritic √šǧd
	צִעַד [√šǧd]	/ʕǧd/	stride	
	צִעָדָה [√šǧd]	/šǧa'da:/	march	
	צִעָה [√šǧh]	√šǧh	to bend over, lie down, etc.	Arabic <i>šǧā</i> (√šǧw) and <i>šǧiya</i> to bow
	צִעוֹר [√šǧr]	/ša'ǧo:r/	small	
	צִעִיר [√šǧr]	/ša'ǧir/	the smaller one, smallest	
	צִעִירוֹת [√šǧr]	/šǧir'o:t/	smallness, youth	
	צִעָר [√šǧr]	√šǧr	to be lowly	<a href="#">Blau 1982</a> §8.1 By-form of <a href="#">√zǧr</a>
	צוֹעָר, צִעָר [√šǧr]	/šǧr/	place name	Σηγωρ. <a href="#">Blau 1982</a> §7, 8.2.4a suggests root √šǧr.
ק	קִצְיָה [qasī'ǧā/?]	/qasī'ǧā/?	personal name	<a href="#">Blau 1982</a> §8.2.3c
	קִרְקַע [qar'qaǧ/?]	/qar'qaǧ/?	ground	Cf. Arabic <i>qarqar</i> or <i>qariq</i> "level ground"
ר	רִבַּע [rubǧ/]	/rubǧ/		Arabic <i>ǧubār</i> dust, dust- cloud Cf. רִבַּע (EBHP /rubʕ/) = "a quarter."
	רוֹעַ [rwǧ]	√rwǧ	to cry, cry out, shout	Arabic <i>raǧā(w)</i> to scream, howl

	Root or Word	<u>EBHP</u> * <u>EBHP</u> + * <u>EBHP</u> <sup>3</sup> (c. 850-550 BCE) (? = uncertain whether the phoneme is /ǵ/ or /ʕ/)	Meaning	Comments
	רִיעַ [√rwǵ]	/rǵ/	a shout	
	רַעַ [√rwǵ]	/re:ǵ/	a shout	Cf. רַעַ (EBHP /rēc/) "darling, favourite, lover, comrade, companion etc."
	רעב√	√rǵb	to be hungry	
	רַעֵב [√rǵb]	/ra'ǵe:b/	hungry ( <i>adj.</i> )	Ugaritic √rǵb
	רָעֵב [√rǵb]	/ra'ǵa:b/	hunger	
	רַעְבוֹן [√rǵb]	/raǵa'bōn/	hunger	
	רַעוּ	/rǵu:/	personal name	Ραγου
	רַעוּאֵל	/rǵu'e:/	personal name	Ραγουηλ. <a href="#">Blau 1982</a> §8.2.5a
	רעם√	√rǵm	to rage, roar, thunder, to have compassion.	Ugaritic √rǵm
	רַעַם [√rǵm]	/rǵm/ [r̥eɣm] or [r̥eɣəm]	thunder	
	רַעְמָה [√rǵm]	/raǵ'ma:/	uproar	Ρεγμα. See <a href="#">Blau 1982</a> §7, 8.2.4a,c Cf. רַעְמָה (EBHP /ra'ṁā/) "mane"
	רַעְמִיָּה	/raǵm'yah/?	personal name	<a href="#">Blau 1982</a> §8.2.3c
	רעז√	√rǵn	<i>palat.</i> pf. רַעַזְנָה: to be leafy, luxuriant	Arabic vb. √lǵn to be entangled,
	רַעְזָן	/raǵ'nā:n/	leafy, luxuriant	
	רעש√	√rǵš	to be abundant, plentiful	Arabic <i>raǵasa</i> to cause to grow Cf. רַעַשׁ (BH √r'cš) "to quake etc."
	רַשְׁעָתַיִם	/rašǵa'taym/?	personal name	<a href="#">Blau 1982</a> §8.2.3c

	Root or Word	<u>EBHP</u> * <u>EBHP</u> + * <u>EBHP</u> <sup>3</sup> (c. 850-550 BCE) (? = uncertain whether the phoneme is /g/ or /ʕ/)	Meaning	Comments
	שַׁעַף	√šgp		Arabic <i>šāḡafa</i> to infatuate, fill with ardent passion
ש	שַׁעֲפִים [√šgp]	/ša'gi:p/	disquieting thoughts	
ש	שׁוּעַ	√šwǵ	to call for help	Arabic <i>ḡawaḡa</i> to call for help
	שׁוּעַ [√šwǵ]	/'šōǵ/	a call for help	
	שׁוּעַ וְקוּעַ	/'šōǵ/? /wa'qōǵ/?	tribal names	<a href="#">Blau 1982</a> §8.2.3c
	שׁוּעָה [√šwǵ]	/šawā'ǵa:/	a call for help	
	שַׁעֲלִים שׁוּעַל	/šū'ǵa:l/? /šaǵ'līm/?	place name	Σωγαλ. <a href="#">Blau 1982</a> §7, 8.2.6c. Cf. שׁוּעַל (EBHP /šū'ca/ < √tcl ) prpersonal and place name "Fox or Jackal"
	שׁוּעַר, שׁוּעַר [√šǵr]	/šō'ǵe:r/	gatekeeper	
	שׁוּעַר	/šin'ǵa:r/	place name	<a href="#">Blau 1982</a> §8.1
	שַׁעַף	/'šāǵp/ ['fexp] or ['fexəp]	name of a tribe	Σαγαφ. <a href="#">Blau 1982</a> §7
	שַׁעַר	√šǵr	to break open	Arabic <i>šāḡara</i> to break open, destroy Cf. שַׁעַר (BH √š'c) "to calculate" cognate to Ugaritic √t'c to measure
	שַׁעַר [√šǵr]	/'šāǵr/ ['fexr] or ['fexər]	gate	
	שַׁעַרְיָה	/šaḡar'yah/?	personal name	<a href="#">Blau 1982</a> §8.2.3c
שַׁעַרַיִם	/šaḡ'raym/	place name "double gate"	<a href="#">Blau 1982</a> §7, 8.2.4c.	

	Root or Word	<u>EBHP</u> * <u>EBHP</u> + * <u>EBHP</u> <sup>3</sup> (c. 850-550 BCE) (? = uncertain whether the phoneme is /ǵ/ or /ʕ/)	Meaning	Comments
	שפּעַ	√špǵ		Arabic <i>sabaǵa</i> "complete, full"
	שִׁפְעַ [√špǵ]	/ʃapǵ/ [ʃepɣ] or [ʃepəɣ]	abundance	
	שִׁפְעָה [√špǵ]	/šip'ǵa:/	crowd etc.	
	שִׁפְעִי	/šap'ǵi/?	personal name	<a href="#">Blau 1982</a> §8.2.3c
ת	תִּדְעַל	/tid'ǵa:l/?	personal name	Θαργαλ. Ugaritic <i>tdǵl/ttǵl</i> . <a href="#">Blau 1982</a> §8.2.6a.
	תּוֹעָה [√tǵh]	/tō'ǵâ/	mistake	
	תַּעֲהוּ	√tǵh	to err	√tǵy "to travel, roam from far away"; Arabic <i>taǵā</i> (√tǵw and √tǵy) to exceed the proper bounds, overstep the mark. Cf. <a href="#">טעה</a>
	תַּעוּ תַּעִי	/to:ǵu:/? /to:ǵi:/?	<b>non-Semitic</b> personal name	<a href="#">Blau 1982</a> §13.2.3c
	תַּעוּפָה [√tǵp]	/taǵū'pa:/	darkness	
	תַּעֲלָה	/taǵa'la:/	covering, coating, referring to the healing process of a wound as the skin reforms and new flesh is built up	Cf. תַּעֲלָה (EBHP /ta'a'lâ/) "watercourse"
	תַּעֲלוּלִים [√ǵll]	/taǵlū'līm/	acts of mischief, ill treatment	
	תַּעֲלָמָה [√ǵlm]	/taǵlū'ma:/	a secret, something hidden	
	תַּעֲנוּג [√ǵng]	/taǵ'nūg/	pleasure, luxury	
	תַּעֲתָעִים [√tǵh]	/taǵtū'ǵīm/	mockery, mockers	
	תַּקוּעַ	/ti'qōǵ/? /tiqō'ǵi/?	place name gentilic	<a href="#">Blau 1982</a> §8.2.3c.

	Root or Word	<u>EBHP</u> * <u>/EBHP/</u> * * <u>[EBHP]</u> <sup>3</sup> (c. 850-550 BCE) (? = uncertain whether the phoneme is /g/ or /ʕ/)	Meaning	Comments
	תְּקוּעִי			
	תְּרוּעָה [√rwg]	/təruˈgɑː/	war cry, alarm for war, signal, shout of joy	
	תְּחִרְעַ תְּאַרְעַ	/təħ're:ɡ/?	personal name	<a href="#">Blau 1982</a> §8.2.3c.
	תְּרַעְתִּים	/tirgɑ'tim/?	gentilic	<a href="#">Blau 1982</a> §8.2.6c. Θαργαθιμ

<sup>1</sup> For frequency counts of polyphonic consonants see [Blau 1982](#).

<sup>2</sup> In transliterating consonantal [phonemes](#) I use the [Society of Biblical Literature](#) (SBL) *Academic Translation Style* ([TH<sub>SBL</sub>](#)). I generally to use the [IPA](#) system to transliterate consonantal [phones](#).

<sup>3</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.