Bible Software - J.L.A. Search and Research Program

# J.L.A. Thenach Search & Research Program

this specification file is updated till version 3.4. New versions always have the full functionality of previous versions + new functionality.

### for Windows98/Me/2000/XP/Vista/Win7

<u>Text search functions (horizontal and vertical)</u>
 <u>Searching numerical values (horizontal and vertical)</u>
 <u>Calculating total values (sums)</u>
 <u>Gematria function</u>
 <u>ELS code cross-search horizontal/vertical/diagonal</u>
 <u>Text analysis functions (letter/word/verse/chapter/book)</u>
 <u>Timeline</u>
 <u>Adapting Thenach text, integrating own texts</u>
 <u>Sub windows for text comparison (unlimited number)</u>
 <u>Searching text with nikuds/(vowels)</u>
 <u>Analysing Thenach text musically</u>
 <u>More</u>
 <u>The program window</u>

Program of the

## Foundation Jitzak Luria Academie

Postbox 2072, 3000 CB Rotterdam, Netherlands

The greatness of an Almighty G'd can not be limited to the surface of the Biblical stories. The J.L.A. Thenach Program was developed to research the hidden depths of the Thenach. Everybody, who also wants to occupy himself with it, can download this program free of charge from the website:

www.luriaacademie.eu

### The program window

J.L.A. Thenach Program - Thorah + Newieem + Ketuwiem oram Access Text-search Gematria Matrix Analysis Extra Help	
🕸 🧞 🗤 🔝 💷 Biblia Hebraica Stutgatensia	na  == ↑@
Select all         - SEARCH RESULTS - 729 Found	Image: State         Image: State<
Exodus 02:10 [1] - משה ותאמר כי מן המים משיתהו [11] ויהי בימים ההם ויג [2] Exodus 02:11 - משה ויצא אל אחיו וירא בסבלתם וירא איש מצרי מכה איש - 40 -	<ul> <li>[3] And Moses said, I will now turn aside, and see this great sight, why the bush is not burnt.</li> <li>[4] And when the LORD saw that he turned aside to</li> </ul>
Down - משה ויאמר אכן נודע הדבר [15] וישמע פרעה את הדבר הזה - Exodus 02:14 [3] - משה ויאמר אכן נודע הדבר [15] וישמע פרעה את הדבר הזה - Exodus 02:15 [4] - משה ויברה משה מפני פרעה וישב בארץ מדין וישב על הבאר - Tost	see, God called unto him out of the midst of the bush, and said, Moses, Moses. And he said, Here am I. [5] And he said, Draw not nigh hither: put off thy shoes
בארץ מדין וישב על הבאר [15] - משה ממני מרעה וישב בארץ מדין וישב על הבאר [15] ולכה	from off thy feet, for the place whereon thou standest is holy ground. [6] Moreover he said, I am the God of thy father, the
<ul> <li>N= Gematrix</li> <li>ו הלד בן</li> <li>ר משה לשבת את האיש ויתן את עפרה בתו למשה (22] ותלד בן</li> <li>Exodus 03:03 [8]</li> <li>לשה אסרה נא ואראה את המראה הגדל הזה מדוע לא יבער הס</li> <li>Exodus 03:04 [9]</li> </ul>	God of Abraham, the God of Isaac, and the God of Jacob. And Moses hid his face; for he was afraid to look upon God. [7] And the LORD said. I have surely seen the affliction
באסר איז	[7] And the LOHD said, I have surely seen the amiction of my people which are in Egypt, and have heard their cry by reason of their taskmasters; for I know their sorrows;
Pmt + משה אל האלהים מי אנכי כי אלך אל מרעה וכי אוציא אה - Exodus 03:11 [12] - משה אל האלהים מי אנכי כי אלך אל מרעה וכי אוציא אה - Exodus 03:13 [13] - משה אל האלהים הנה אנכי בא אל בני ישראל ואמרחי להם - Exodus 03:14 [14] - Exodus 03:15 [15] - משה גה האמר אבני ישראל יהוה אלהי אבתיכם אלהי אבר	[8] And I am come down to deliver them out of the hand of the Egyptians, and to bring them up out of that land unto a good land and a large, unto a land flowing with milk and honey; unto the place of the Canaanites, and the Hittles, and the Amorites, and the Perizets, and the Hittles, and the Jelowates.
Exodus 04:01 [16] - משה ויאמר והן לא יאמינו לי ולא ישמעו בקלי כי יאמרו Exodus 04:01 [16] - משה מפניו [4] ויאמר יהוה אל משה שלה ידך ואחז בזנבו - 1. Exodus 04:03 [17] - משה מפניו [4] ויאמר יהוה אל משה שלה ידך ואחז בזנבו	[9] Now therefore, behold, the cry of the children of Israel is come unto me: and I have also seen the oppression wherewith the Egyptians oppress them.
Exodus 04:04 [18] - משה שלה ידך ואחז בזנבו וישלה ידו ויחזק בו ויהי למט - Exodus 04:10 [19] - משה אל יהוה בי אדני לא איש דברים אנכי גם מתמול גם	[10] Come now therefore, and I will send thee unto Pharaoh, that thou mayest bring forth my people the children of Israel out of Egypt.
ששה וישב אל יתר התנו ויאמר לו אלכה נא ואשובה אל אח - Exodus 04:18 [20] - משה במדין לך שב מצרים כי מתו כל האנשים המבקשים את - Exodus 04:19	[11] And Moses said unto God, Who am I, that I should go unto Pharaoh, and that I should bring forth the children of Israel out of Egypt?
בניו וירכבם על החמר וישב ארעה מערי - Exodus 04:20 [22] - משה את אשתו ואת בניו וירכבם על החמר וישב ארעה מערי	[12] And he said, Certainly I will be with thee; and this shall be a token unto thee, that I have sent thee: When thou hast brought forth the people out of Egypt, ye shall serve God upon this mountain.
אָת הַמָּרְאָה הַגָּדל הַזָּה מִדּוּצַ לֹא יִבְּצַר הַסְּנָה [4] וַיָּרְא יְהוָה כִּי סְּר לְרָאוֹת וַיְקָרָא אַלְיו אֲלָהִים מִתוֹדְ הַסְנָה וַיֹּאמֶר מֹשָׁה מִשְׁה וַיֹּאמֶר הָנַנִי [5] וַיֹּאמֶר אַל תִקְרָב הָלם שָׁל נַצְלִיד מַצַל הַגָּלִידָ כַּיָלִיד כַּיָּלִיד כַּיָּקוֹם אֵשֶׁר אַתָּה עוֹמד צֶלָיו אַדָּמַת קְרָשׁ הוּא [6] וַי	[13] And Moses said unto God, Behold, when I come unto the children of Israel, and shall say unto them, The God of your fathers hath sent ne unto you; and they shall say to me. What is his name? what shall I say unto them?
אַלהי אָביח אָלהי אַבָּרָהָם אָלהי יִצְּחָק וַאלהי יַאָקב וַיִּסְתּר מֹשָׁה פָּנָיו כִּי יָרָא מהַבִּיט	[14] And God said unto Moses, I AM THAT I AM: and he

#### J.L.A. Thenach Program - The program window

You can start the basic functions quickly by clicking the buttons left. There are two versions of them. Those for common use you start with the big buttons; the extensive functions are on the small [+]-buttons. You can let run the King James Bible parallel to the Hebrew text in all program phases or close it.

### 1. Text search functions

extensive function:							
J.L.A. Thenach Program - Searc	hing text						
Search functions - common	Search + browse	Search + index +					
words in/with first/last letters	wild cards same values reverse	and-or-not letter jumps anagram	text r horizontally				
Find: whole word/words C any part C ignore spaces in then	C vertically (matrix) Matrix width (from):						
Look for:     ا משה (b):       35     ا משה (b):       0 whole text     C selection       0 whole text     C selection							
	••     without spaces       ••     with spaces       ••     with/without sp.       123 => abc     bt => hbr						

#### simple function:

Search - Text	common			• X	
?	other search functions	di searc	h 🕺	finish	
Lo	ok for:				
			זשמים <mark> </mark>	n 🔽 🖉	
00	2010	ק צ פ	ר ש	ה del	
<b>→</b> ←	spac	e bar	)	nme end	

#### extensive function:

- \* text common:
- whole word/words, part, text spaces ignored, searching waw/jod/heindependently

*	reverse text:	-	reverse left < - > right and alphabetically (theth = aleph,) and both, whole word/words, part, ignoring text spaces
*	anagram	-	(with transposed letters) - whole word/words, part
*	first/last letters	-	text, made up by 1st/2nd/3rd/ letters from the beginning or the end of words-verses-chapters, according to your input or reverse
*	same numerical value	-	searching text with the same numerical value as your input (count arrays for the input and the text to be found separately adjustable)
*	letter jumps	-	searching text in letters with the same number of characters between them. Spaces counted or not. According to input or reverse
*	words in/with	-	all Bible words, of which the letters occur in your input. All the Bible words with the letters of your input occurring in them. According to the sequence of your input or arbitrarily
*	wild cards	-	with asterisk (*) - as usual. With question-mark (?) - as usual. With [] and {} to make the letter to be replaced conditionally variable
*	and/or/not/ operators	-	searching words together or without others within an adjustable range width of words. Words which must be found both (and) or one of them (or). Words which must be excluded from the search (not). The from-to- operator finds text with all words between two given words
	numbers written out in words		converting numbers (with digits) into Hebrew Text filled in in the input box of the search dialog window.

All search functions are applicable to both the horizontal (Thenach) text and the vertical (matrix) text with or without spaces. 100.000 search results listed at once. The search result under the cursor is visible in limited text environment below. With the button [up] you open it in full text environment. With the button [down] you return into the list of search results with kept cursor position. Search results are highlighted (red). You can search in the whole text, from cursor or in a selection. You can also browse from search result to search result without list. Text input with the keyboard (without changing your computer settings) or the Hebrew mouse keyboard.

### 2. Searching numerical values

J.L.A. Thenach Program - numerical values				
Count array Common Com	text c horizontally vertically (matrix) Matrix width (from): 35 width (to): 35 c without spaces c with spaces c with/without sp.	Find:         •           •         Word           •         Word(s)           •         Part           •         Verse           •         Verse(s)           •         Chapter(s)           •         whole text           1         2         3           0         hme         end	Image: Search + browse         Image: Search + index         Image: Search + index <t< td=""><td>Searching values</td></t<>	Searching values

#### extensive function:

#### simple function :

#### extensive function:

*	searching numerical values of:	-	word, words, part, verse, verses, chapter, chapters
*	with the arrays:	-	common (1,2,,400), full value (111,), place value (1-22), sum (1-3-6-10), basic value (1-9), square value. This arrays reverse too
*	with own arrays:	-	6 own arrays and an own full value array (you can edit and save them within the program)

All numerical value search functions are applicable to both the horizontal (Thenach) text and the vertical (matrix) text with or without spaces. 100.000 search results listed at once. The search result under the cursor is visible in limited text environment below. With the button [up] you can open it in full text environment. With the button [down] you return into the list of search results with kept cursor position. Search results are highlighted (red). You can search in the whole text, from cursor or in a selection. You can also browse from search result to search result without list.

### 3. Sums

#### (extensive and simple function)

🗯 J.L.A. Thenach Progra	m - Thorah + Newieem + Ketuwiem	
Program Access Text	-search Gematria Matrix Analysis Extra Help	
📬 🌜 sayı: 💵	Genesis 01:11	٨
	- THENACH TEXT -	
Select all	Genesis - בראשיה א	0.12
(1 Up + )	ן בראשית א - בראשית א	UI,
🕹 Down	בְרֵאשׁית בָּרָא אֵלהִים אֶת הַשְׁמִים ואָת הָאָרָץ [2] והָאָרֶץ הִיהָה תֹהו וָבֹהוּ וִחֹשֶׁדְ עָל	r 11
	תהוֹם ורוּחָ אֵלֿהִים מְרַחָפָת עַל פְּנֵי הַמָּיִם [3] וַיֹּאמָר אֵלֿהִים יְהִי אוֹר וַיְהִי אוֹר .	
x Q Text +	נַיַּרְא אֱלהִים אֶת הָאוֹר כִּי טוֹב נַיַּבְדֵּל אֱלהִים בֵּין הָאוֹר ובֵין הַחֹשֶׁד [5] נַיְקְרָא	[4]
SQ Values +	וים לָאוֹר יוֹם וְלַחֹשֶׁך קֶרָא לְיְלָה וַיְהִי שֶׁרֶב וַיְהִי בֹקָר יוֹם אֶחָד	لأخت
N= Gematria +	ניאטֶר אֱלהים יְהִי רָקִיצַ בְּתּוֹדְ הַטְּיִם וִיהִי מַבְדִּיל בִין מַיִם לְמָיִם [7] ניַצַש	[6] =
H+ Sums +		אֱלֹה
	י כָּן [8] וּיִקְרָא אֱלֹהִים לָרָקייַ שְׁמָים וּיְהִי עֶרֶב וּיְהִי בֹקָר יוֹם שִׁנִי יויים אלהים יידיים אור ביוי ביוי ביוים אוויים אל ביוי איני ביקר יוֹם שׁנִי	
ELS-code +		[9] 101
Print +		2 5 1
	על הָאָרֶץ וַיְהִי כ <mark>ן</mark> [12] וַתּוֹעֵא הָאָרֶץ דֶשָׁא עַשָּׁב מַזְרִיעַ זָרַע לְמִינַהוּ וְעֵץ עֹשָׂה	15
	אֲשֶׁר זַרְעוֹ בוֹ לְמִינֵהוּ וַיַּרְא אֱלֹהִים כִּי טוֹב [13] וַיְהִי עֶרֶב וַיְהִי בֹקָר יוֹם	هَذ
1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 -	ini	<u>، ځې</u> ن
man and a	A S. J.C.M. Inenacti Plogram - Total values	2
	Cross-value         counted area           D 1 %         Value factors         C whole text         C selection         C from cursor         Image: 2 %	2
7/ 201	value factors	
1 Carl	T ψH Sum 119406 own f.v. <= 78906	5
	Common         29740         Sum <=         173367         1st own array         36244	2
	۲ ' ۲ Common <= 42225 Basic value 1732 2nd own array 81057717 Letters: 515	1.
	Full value 75983 Basic v. <= 2283 3rd own array 162114919	IF
	Full v. <=         77844         Square         6382442         4th own array         47255         Words:         135	}
	Place value         5422         Square <=         10874199         5th own array         2958         Verses:         11	
	Place v. <=         6423         own full value         75795         6th own array         40830         Chapters:         0	
irst or (with search results)	next character + full text: Tab or AN-5. Matrix view: click the [text/matrix]-symbol	

The sums in the dialog window change on changing the selection. You can see the cross-sum (463 = 13 = 4) and the value factor (132944 = 2x2x2x2x7x1187) of every value by putting the cursor on it and clicking the buttons [cross-value], [value factors]

#### extensive function:

\* Sums of: - gematria (letter values), number of letters//verses/chapters
\* according to the arrays: - common (1,2,...,400), full value (111, ...), place value (1-22), sum (1-3-6-10), basic value (1-9), square value. This arrays reverse too
\* according to the own arrays: - 6 own arrays and an own full value array. You can edit and save them within the program

The function sums is applicable to both the horizontal (Thenach) text and the vertical (matrix) text with or without spaces with horizontal or vertical selection. You can calculate the sums of the whole text, from cursor position or of a selection. From cursor position or with a selection the sums change with in the dialog window if you move the cursor or change the selection.

### 4. Gematria

#### on text input

.L.A. Thenach Program - Gematria o	n text input					
2	Sum 249	own full vlue <- 1008				
Common 70	Sum <- 3705	own 1st array 159				
Common <- 820	Basic value 34	own 2nd array 4313				
Full value 1092	Basic value <- 37	own 3rd array 8619				
Full value <- 994	Square value 1778	own 4th array 984				
Place value 43	Square value <- 194600	own 5th array 36				
Place value <- 118	own full value 1093	own 6nd array 90				
show array Enter a Hebrew text to calculate its numerical value:						
Enter a Hebrew text to calculate its numerical value: <<== Alph=Taw						
א ב א ד ה ד נ ד ט ד נ ד ג ב א <u>123 =&gt; abc</u>						
كالكالكابك إنكا	ے لکا لگا لکا رہے ت	Cross-value				
$\rightarrow$ $\leftarrow$	space bar	hme end Value factors				
L						

#### (extensive and simple function)

The sums in the dialog window change while typing text. You can see the crosssum (463 = 13 = 4) and value factors (132944 = 2x2x 2x2x7x1187) of every value by putting the cursor on it and clicking the [cross-value]- or [value factor]-button. You can set your text reverse: (right < -> left) and calculate its numerical value also alphabetically reverse ([Aleph = Taw]-button.

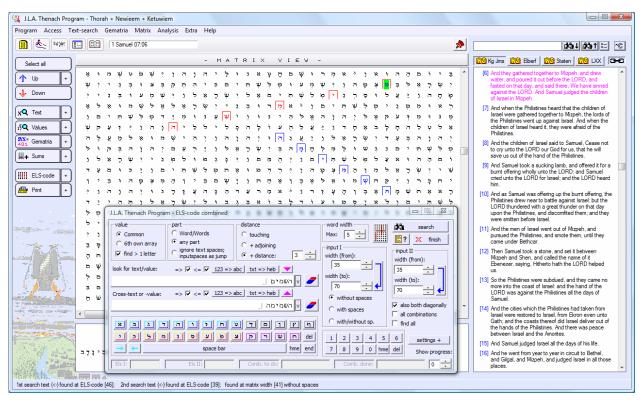
#### extensive function:

- \* with the arrays:
   common (1,2,...,400), full value (111, ...), place value (1-22), sum (1-3-6-10), basic value (1-9), square value. This arrays reverse too
- \* with the own arrays:
   6 own arrays and an own full value array. You can edit and save them within the program

The sums change with while typing text. You can also convert numbers (with digits) into Hebrew text ([123  $\rightarrow$  abc]-button) to see their full values.

### 5. ELS Code cross-search

#### (simple and extensive function and ELS-code standard function)



#### • extensive function:

- \* Searching for:
   Text or numerical values horizontal or vertical/diagonal with text or numerical values horizontal or vertical/diagonal
  - touching (one same letter), adjoining, within a distance (1 to 60 letter jumps)
- \* Text directions: pure horizontal/vertical, arbitrarily diagonal
- Word width:
   1 to 20 jumps between letters

Distance

- Matrix:
   Without spaces or with spaces (all Thenach words separated by one single space)
- \* Other settings: word/words, part, ignore text spaces and input spaces as jump

100.000 search results listed at once. The search result under the cursor is visible in limited text environment below. With the button [up] you open it in full text environment. With the button [down] you return into the list of search results with kept cursor position. Search results are highlighted (red). Search results over the matrix borders you can view as a whole with the panorama-matrix-view (^M). Text input with the keyboard (without changed computer settings) or the Hebrew mouse keyboard. You can switch the progress indicator on/off while searching.

### 6. Text analysis

The function "analysis" extracts lists from the Thenach, the loaded Thenach parts or books according to:

* letters:	- number of letters Aleph, Beth etc.
<ul> <li>words according to: numerical value number of letters n occurences</li> </ul>	<ul> <li>large &gt; small, small &lt; large, Thenach order, alphabetical order</li> <li>large &gt; small, small &lt; large, Thenach order, alphabetical order</li> <li>more &gt; less, less &lt; more, Thenach order, alphabetical order</li> </ul>
<ul> <li>verses according to: numerical value number of letters number of words</li> </ul>	<ul> <li>large &gt; small, small &lt; large, Thenach order, alphabetical order</li> <li>large &gt; small, small &lt; large, Thenach order, alphabetical order</li> <li>large &gt; small, small &lt; large, Thenach order, alphabetical order</li> </ul>
<ul> <li>* chapters according to: numerical value number of letters number of words number of verses</li> </ul>	<ul> <li>large &gt; small, small &lt; large, Thenach order, alphabetical order</li> <li>large &gt; small, small &lt; large, Thenach order, alphabetical order</li> <li>large &gt; small, small &lt; large, Thenach order, alphabetical order</li> <li>large &gt; small, small &lt; large, Thenach order, alphabetical order</li> </ul>
<ul> <li>books according to: numerical value number of letters number of words number of verses number of chapters</li> </ul>	<ul> <li>large &gt; small, small &lt; large, Thenach order, alphabetical order</li> <li>large &gt; small, small &lt; large, Thenach order, alphabetical order</li> <li>large &gt; small, small &lt; large, Thenach order, alphabetical order</li> <li>large &gt; small, small &lt; large, Thenach order, alphabetical order</li> <li>large &gt; small, small &lt; large, Thenach order, alphabetical order</li> <li>large &gt; small, small &lt; large, Thenach order, alphabetical order</li> </ul>
* palindrome (such as d-e-e-d)	- only words, parts too
<ul> <li>text in letters with alphabetical jumps (such as a-c-e, e-c-a)</li> </ul>	- only words, parts too, adjustable alphabetical jump
<ul> <li>identical text parts</li> </ul>	<ul> <li>all identical passages of the whole Thenach (of the "Old Testament"). Minimum number of words adjustable</li> </ul>
* reverse text parts	<ul> <li>all pairs of texts in the Thenach (in different places) which are reverse to each other. Minimum number of letters adjustable, only words, parts too</li> </ul>
* numerical values sequences	<ul> <li>from 2 to 15 values. Absolute or proportional (such as 1:4, 1:3:7). Numerical value sequences of letters, words, parts, ver- ses, chapters one after the other in the Thenach. With all stan- dard arrays and own count arrays</li> </ul>
* ELS-code (3 extra functions)	<ul> <li>1. which Thenach words cross your input in the Thenach text. 2.</li> <li>Thenach text vertical. 3. all Thenach words which are crossing the letter or word under the cursor in ELS-code jumps</li> </ul>
<ul> <li>rearrangement of Thenach text</li> </ul>	<ul> <li>rearranging the letters of a Bible text selection in every possible way into new words (using the almost 40.000 different Thenach words). With a translation per word (in German)</li> </ul>

You can print and see the complete lists in the main window. You can extract lists from own text files too. Lists can be saved and loaded again. Lists can be loaded for comparison in sub windows too. You can edit lists and orden them as part of the popup menu on the right mouse key

### 7. Timeline



Graphic reproduction of the most important dates in the Bible:

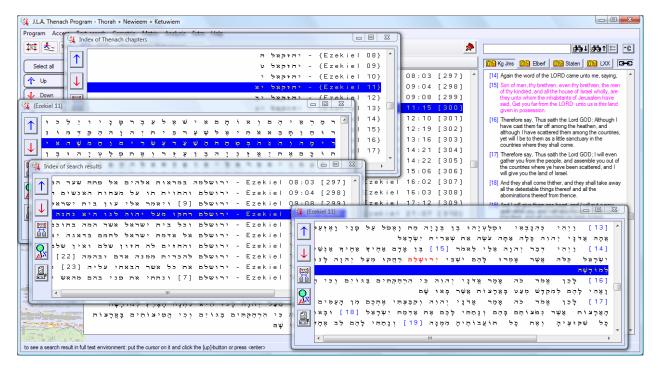
only date are visualized which can be found in the Bible,

### 8. Adapting Thenach text

For special purposes, such as ELS code research you can adapt the Thenach text according to own judgements (there are different old manuscripts of the Bible). You can save the adapted Thenach text (without vowels) as a new own text file and open it separately or integrate it at the lowest program level with the list of the (standard) Thenach parts to load them directly by clicking on it. All search functions and matrix functions and the function sums and the text analysis are fully applicable to own text files too. You can edit and integrate in principle even complete new texts files (verse numbers and chapter headings etc. are checked at loading the file).

### 9. Sub windows

To compare texts and search results and list of the text analysis, you can open an in principle unlimited number of sub windows:



- at creating that is loaded what is under the cursor (Thenach text or search results or lists of the text analysis). With Thenach text you can switch between the index of the Thenach chapters and the Thenach text and between text- and matrix view. With search results you can switch between the list of the search results and the view of a search result in full text environment. You can change the size of each window.

Moreover you can work with two program processes at the same time, dividing the screen horizontally or vertically. Both processes once again can open an unlimited number of sub windows.

Sub windows have an own print and search function. With this function you can also find title Hebrew (blue chapter headings etc.) and western text, so you can search for example in lists of search results themselves by loading them in a sub window and clicking the magnifyer.

### 10. Searching text with nikuds (vowels)

Thenach text can also be read and printed both horizontally (Bible text) and vertically (matrix text) and red highlighted search results included with the vowels according to the vowels of the different Tenach versions. Moreover the Thenach program contains a module for searching thenach text with vowels:

J.L.A. Thenach Program - text with vowels (nikuds)	x
Thenach text: Isaiah 34:04 Search results (173):	
<ul> <li>בל־פָּרְשׁוּ גַס אָז חֻפָּק עַד־שָׁלָל מִרְבָּה פַּסְחִים בְּזָזוּ בַז [24] וּבַל־יֹאמָר שְׁבָן חָלִיהִי</li> <li>[74] 2 Kings 19:15</li> <li>(74 בַרֹּשָׁר עָבן הָלִישִׁ עָוֹן הָעָב בְּה נְשָׁא עָוֹן</li> <li>[75] 2 Kings 21:03</li> <li>[76] Isaiah 13:10</li> <li>[77] Isaiah 14:13</li> <li>[78] Isaiah 14:13</li> </ul>	
<ul> <li>(7) הושמו שליים הקשיבו השמע הארץ וקלאה הבל ובל־אָאָצָאיה</li> <li>(7) הושמו איז הארץ הארץ הארץ הארץ הארץ הארץ הארץ הארץ</li></ul>	
Look for: דְשָׁמָיָם v	_
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	9
Text:       search with vowels:       Value:       v	 

Vocals can be conveniently inserted in the search text with the buttons to the right of the mouse keyboard or with the keys F1-F10. You can also search for numerical values in the vocalized text counting letters with a "Dagesh Forte" twice or not.

A popup window appears in the main window of the Thenach program if the mouse cursor hovers over a Thenach word. You can also see the vocals of the word in it as it is written there if the representation of the vowels is switched off. If the word is one of the 12.500 most frequent words also its grammar appears in the popup window. You can leave a dialog window with explanation of the abbreviations opened on the screen:

ط <b>م</b> فرشد
1. אָרָה - NP top (= Mara) (Ex 15:23) 2. אָרָה - verb. qal perf. 3. p. f. sg. (אַרָה (מרד שַ - מְלָה : Sa 30:6) 3. אָרָה - מָלָה : g. (שָׁ אָרָה (m), מָר שָׁ (f)) (2. Sa 2:26) 4. אָרָה - nomen f. sg. (שָׁ מָרָה (m), מָר שָׁרָה (f)) (Ez 27:30) 5. אָרָה - verb. qal perf. 3. p. m. sg. (שַּ אָרָה (f)) (Ez 27:30) 6. אַרָה - מַרָה - NP top (= More) (Deut 11:30) 7. אַרָה - verb. hif. part. m. sg. (שָׁ אַרָה (Frov 6:13)
8. מרה (שלה איז) (2. Reg 14:26) Numerical value = 245, Cross value = 11, Value factors: 5 x 7 x 7, Occurs for xth time (w.o. vowels): 1 (of 11) letter 100878 (of 1197042 letters) word 26601 (of 305494 words)

If the cursor hovers over a verse number the whole verse with vowels becomes visible in a popup window.

### 11. Analysing Thenach text musically

Hebrew letters can be linked to a pitch and a rhythm (the length of a note). The musical analysis function plays a selected Thenach text with seven different pitch tables and rhythm tables on the sound card of your computer. You can adapt these tables and save them, separate words only visually or with played rests, choose one of the 127 (midi-instrument)-sounds, adapt volume and tempo. The note and letter played are highlighted (blue and red). Tables are also reverse applicable. You can print the music (score) of the selected text (up to the whole Thenach text).

🙀 J.LA. Thenach Program - Thorah	23
Program Access Text-search Gematria Matrix Analysis Extra Help	
Matrix     ###   - THENACH TEXT -	
Select al - בראשית א (Genesis 01) - מווי (Genesis 01) - לעוד (Genesis 01) - (Genesis 01	
<ul> <li>[1] גַרָאשִׁית בָרָא אָלהים אַת הַשְׁמוּם ואַת הָאָרָץ [2] וְהָאָרָץ הָוְהָה הֹהוּ וָבֹהוּ וְהֹשְׁדָ אַל</li> <li>בְּגַי הְהוֹם וְרוּהַ אָלהים מְרָהָפָת אַל בְּגַי הַמָּוּם [3] וַיֹּאַקִר אָלהים יְהִי אוֹר וְיָהִי אוֹר</li> </ul>	
[4] ניַרָא אָלהים אָה הָאוֹר כּי טוֹב ניַבְדַל אָלהים בִין הָאוֹר וּבִין הַחֹשְׁדַ [5] ניַקְרָא אַלהיה לאוֹר יוֹה ולחשד מרא לילה ויהי ערר ויהי למר יוֹה אחד	
A Values + J.L.A. Thenach Program - interpreting text musically	
Min         €           Volume:            Wit	
Image: sparse words with rests:     Fempo:     Image: sparse words with rests:     Image: sparse words wor	
Print + use rhythm table reverse: Pitch table: diatonic + chromatic scale	
Rhythm table: all equal	
separate words visually 🗌 view/edit rhythm table 🖉 Print music	
<u> </u>	i
בראשית ברא אלהים את השמים ו	
First or (with search results) next character + full text: Tab or AN-5. Matrix view: click on [Text > Matrix]	-
This of (with search results) new character multitext. Tab of Arms, many were circled in [rest > many]	_

### 12. More

- \* linear translation (Gen -Kings II, Proph, Ps., Prov., Job
   \* "go to" (^G):
   opens a scriptural passage (book+chapter+verse) in both the horizontal and vertical text mode
   \* chart function
   visualizes search results of the [text][+] and [value][+] -search functions graphically per book, chapter, verse, letter, so you can see the maximum and minimum occurences at a glance. You can print the charts and copy them to the Windows-clipboard
- \* ^F function:
   finds a next identical passage by selecting a passage in the horizontal or vertical text and pressing ^F
- \* arrowkey AN-5 or Tabkey: - bring the starting-point back on the screen. With search results this keys let jump the cursor to the next (highlighted) letter of the search result

\* filter/sort (^U) filters and sorts search results. Deletes double search results, waw-/he-/... words, selections. Sorts search results alphabetically, according to numerical value, according to Thenach-order copy (^C): copies formatted (^C) or unformatted (^shift^C) selections of Thenach text, search results, lists, matrix rectangles to the clipboard for word processors such as Word, Wordpad, Word Perfect reproduces Thenach text vertically with adjustable matrix width and with matrix stone table view: or without spaces with borders (also without searching) reproduces matrix texts without borders in both horizontal and vertical panorama-matrix view: endless-loops (also without searching) bearings window (small indicates the position of the cursor in the Thenach in both the horizontal window under the menu and vertical text view (e.g. 2 Samuel 13:5). At the lowest level you see the current Thenach version in it bar): saving/loading search you can save and reload the search results with text environments (after reloading everything is as it was after searching) or without text results environments three languages: German, English, Dutch. You can switch between them without restarting the program computer language C (high speed) and critical routines in ASM - (machine language highest possible speed) used for an easy program distribution (e.g. among members of an Bible group) program copy the "help | program copy" -function copies a full program version on memory stick or CD-RW (ready to install) manuals: English, German, Dutch (Help-F1) Thenach text full Masoretic text (Thora, Ketuwim, Newiim) with vowels in four versions: (the "Old Testament") standard text, Biblia Hebraica Stuttgartensia 1997, Westminster Leningrad Codex 2005, Aleppo Codex (according to the Jerusalem Keter). Chapter headings in Hebrew and western text, highlighted (blue). Western or Hebrew verse numbers (adjustable) between brackets, highlighted (blue) Thenach text (full, selections, pages), matrix text (full, pages, horizontal printing selections, rectangle selections), matrix panorama text (rectangle selections), timeline (full), music (selections up to the whole Thenach text), lists of the text analysis (full, selections, pages), lists of search results (full, selections, pages) browsing through search results with or without opened search dialog searching: windows. Search dialog windows can be minimized while browsing. Search results are shown with Hebrew text beginning and western Bible passages (e.g. 2 Samuel 13:5) cursor position switching between the horizontal and vertical text view the cursor position is kept and with search results the letters of them remain highlighted. So you can easily study vertical search results in the horizontal Thenach text and conversely

* text with vocals	-	with the "Israel"-button left at the top of the main window you can switch the nikuds (vowels) on/off
* popup windows	-	if the mouse cursor hovers over a Thenach word, a popup window appears with the numerical value, the cross value, the value factors of the word and the number of occurrences of the word in all and until the cursor position in it. If the word is one of the 12.500 most frequent Thenach words you can also see its grammar in it. You can also make your own tips with Western and Hebrew characters (with or without vowels), Greek characters (lower-case), four colours, italic, bold, underlined for every of the almost 40.000 different Thenach words
* two program processes:	-	you can open two program processes, dividing the screen horizontally or vertically
* search domain	-	search- and analysis functions are applicable to the whole Thenach or Thenach parts (Thora, Ketuwim, Newiim) or single Bible books (Samuel/Kings/ can be loaded single or in pairs). So ELS-Code researchers e.g. can search in single Bible books without overlapping search results too
* own mouse menus	-	lists made with the section "analysis" can be edited too (copying/cutting/inserting lines and adapting lines with a line-word- processor) and be saved and loaded again. Frequently used lists you can include under free titles and linked with their files in two levels in the standard menu of the right mouse button, so they can be quickly loaded in sub windows or in the program main window at every time
<ul> <li>module for searching text with vowels</li> </ul>	-	searching vowels: 1. as entered - 2. only the entered vowels; the other letters will be found with every possible punctuation - 3. all vowels except the entered ones (NOT-function) - 4. these three modes with or without regard for dageshes - 5. using question marks to find every letter with every vocal on the position of the question mark. You can also search for text and values Maqqef-sensitive (words connected by means of a maqqef will be regarded as one single word). You can search for numerical values counting letters with a dagesh twice
* quick start	-	a help window appears at program start (can permanently be switched off/on). It offers the beginner a quick survey of the program structure and how to use the program without studying the manual first