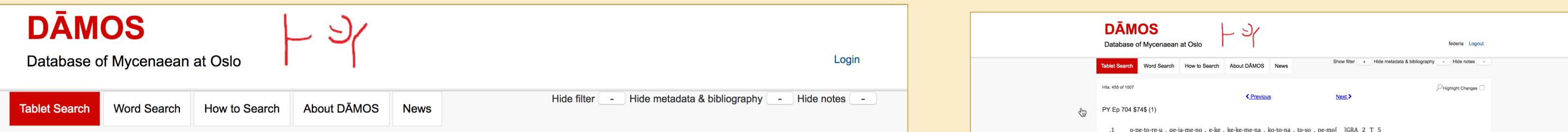


Mycenaean Epigraphy Online: DAMOS (Database of Mycenaean at Oslo)

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7b 7f 7c 14
7c
1 /
14
20
26
27
28
31
37 bis
52 bis
105
107

Fig. 1. Filter for sub-corpus selection for browsing and word search (version 2013).

Making Mycenaean texts available online

DAMOS (https://www2.hf.uio.no/damos/) is a database containing all published Mycenaean texts, based on current standard editions, but updated with any new (published) joins, readings and findings. The first aim of DAMOS is thus to offer an online, freely accessible and constantly updated version of the Linear B texts. This has been achieved through its first online version, launched in 2013, which allows **text-browsing** (fig. 2) and word searches (fig. 3) through the entire corpus or a chosen sub-corpus. Links to existing databases containing pictures of the documents are also provided and these will be better integrated in DAMOS' browsing module in its next online version, to be launched in 2017.

The 2017 version also comprises a module on named entities, through which it is possible to further customize one's subcorpus, by searching for occurrences of a given place or person (which can be further defined by gender and role/occupation). Given the uncertainty of the interpretation of many Linear B texts, it is also possible to define persons and places by the grade of certainty (certain, probable, possible) of their interpretation as

 u-wa-mi-ja, te-o-jo, do-e-ra, o-na-to, e-ke-qe, i-je-re-ja e-ri-ta, i-je-re-ja, o-na-to, e-ke, ke-ke-me-na, ko-to-na, j ki-ri-te-wi-ja, o-na-to, e-ko-si, ke-ke-me-na, ko-to-na,p e-ri-ta, i-je-re-ja, e-ke, e-u-ke-to-qe, e-to-ni-jo, e-ke-e, t ke-ke-me-na-o, o-na-to, e-ke-e, to-so pe-mo GRA 3 T ka-pa-ti-ja, ka-ra-wi-po-ro, e-ke, ke-ke-me-no, o-pe-ro- to-şo[pe-mo GRA]4 	, ke-ra, to-so pe-mo ga-ro, da-mo, to-so, pe-mo GRA T 4 ba-ro, da-mo, to-so, pe-mo GRA 1 T 9 te-o, da-mo-de-mi, pa-si, ko-to-na-o, 9
	Open in new window
Notes SIMILI-JOIN: 619, uninscribed fragment. Metadata	Basic Tablet Bibliography 🔎
Site: Pylos Tablet number: 704 Set: Joins: Writer(s): 1 Stylus: 74 Chronology 1: LH IIIB2/LH IIIC Chronology 2: Chronology 3: Museum: NMA	Kasus: 57/267n.350 Doria(1965): 34 Hajnal(1998): 16 Docs2: 135 Interpretation: 94T/204 Longo(1989): 122-24 Melena(2001): 40 Ruipérez-Melena(1990): 233-234 Companion-1: 134/296/300/301

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Fig. 2. Browsing module (2013 online version)

Provides also a basic bibliography for the text, notes (especially relevant for information on joins published in articles, but not yet incorporated in standard major editions).

Tablet Search Word Search How to Search About DĀMOS News		
 Normalized Actual form Exact Free text From start From end Regular expression Case sensitive Case insensitive 		
Word: i-je-re-		
Hits: 35		
i-je[-re-]u common word r2 si-ja-du-we , țạ-ṛạ , / i-je[-re-]u , po-me , e-ne-ka , 'o-pa' X VIR 1 // ko-pe-re-u ,/ e-qe-ta , e-ki	KN Am 821 + frr. (-)LM IIIA2-early?	
	(-)LWI IIIAZ-early:	\mathcal{P}
r3 ne-wo-ki-to , i-je[-re-]u , da-i-ja-ke-re-u VIR 1	PY Aq 218 + fr. (21)LH IIIB2/LH IIIC	<u>م</u>
r3 ne-wo-ki-to , i-je[-re-]u , da-i-ja-ke-re-u VIR 1 i-je-re-ja common word	PY Aq 218 + fr.	
	PY Aq 218 + fr.	
i-je-re-ja common word	PY Aq 218 + fr. (21)LH IIIB2/LH IIIC KN Fp 1 + 31	
i-je-re-ja common word r10 a-ne-mo , / i-je-re-ja V 4 rb pu-ro , i-je-re-ja , do-e-ra , e-ne-ka , ku-ru-so-jo MUL 14[PY Aq 218 + fr. (21)LH IIIB2/LH IIIC KN Fp 1 + 31 (138)LM IIIA2-late? PY Ae 303	
i-je-re-ja common word r10 a-ne-mo , / i-je-re-ja V 4 rb pu-ro , i-je-re-ja , do-e-ra , e-ne-ka , ku-ru-so-jo MUL 14[r1 i-je-re-ja , e-ke-qe , e-u-ke-to-qe , e-to-ni-jo , e-ke-e , te-o	PY Aq 218 + fr. (21)LH IIIB2/LH IIIC KN Fp 1 + 31 (138)LM IIIA2-late? PY Ae 303 (42)LH IIIB2/LH IIIC	

DAMOS is also a tool for the palaeographic and linguistic analysis of the Mycenaean documents. To this end the texts are provided with detailed epigraphic and linguistic annotation (morphological, syntactic and lexical) and a rich set of metadata.

Epigraphic annotation

Epigraphic annotation and metadata are already partially available in the 2013 version of DAMOS and will be made accessible for searches, almost in their entirety, in the new online version (fig. 4).

Metadata which allow to define a sub-corpus for browsing or performing word searches include: mycenological classification data (site and thematic series, subseries and sets), scribal hand attribution, dating, find-place within the individual sites, current location (museum and inventory number) and the eventual presence of a given seal impression.

people and place names.

Linguistic annotation

The linguistic annotation, still in progress and not yet freely accessible online, consists in a thorough lexical, morphological, and syntactic analysis.

Because of the already mentioned frequent difficulty of interpretation of many Mycenaean documents, it has been necessary to devise an annotation system that allows for entering multiple competing lexical analyses, so that sometimes a word occurrence is connected to **multiple possible lexemes**. These are then organized through an index (from '0' to '3') of scholarly consensus (essentially based on the standard *Diccionario* Micenico). Lexemes are further grouped in semantic classes and matched with a first millennium Greek lexeme (when attested), including personal names.

Each word occurrence is also linked to one or **more possible** morphological and syntactic analyses. These, however, given the current scholarly disagreement on many details of the Mycenaean grammar, are not organized through a consensusfeature, but are rather left to the individual users to be organized in hypotheses and theories through their queries.

Connecting Mycenaean

Fig. 3. Word search (2013 online version)

Allows searches for one word, with or without Wingspread (\simeq Leiden) conventions signs (normalized form). Exact match and truncation are possible and, for more advanced searches, the use of regular expressions.

🗹 Normalized 🔽 Case s	sensitive I o	Exact O Free te	ext O From start	○ From end ○ Regular e	expression		
Word all words or specify h	here						
			Word type (all s	selected) (32) -			
Damage at left 🛛 Damage	e internal 🛛 Dam	nage at right					
Size		Size pre	evious		Size next		
select		- select		•	select		•
	ude nartly eraced	nclude entirel	verased				
Position select		Include entirel ora Sigillum elect	y erased	Contains omitted signs	•	Contains errors select	•
Position	Sup	ora Sigillum			•		•
Position select	Sup	ora Sigillum			•		•
Position select Line type	Sup	ora Sigillum			•		•
Position select Line type	Sup	ora Sigillum			•		•
Position select Line type select	Sup	ora Sigillum					
Position select Line type select	Sup	ora Sigillum					
Position select Line type select	Sup	ora Sigillum					

Fig. 4. Word search (2017 online version)

Epigraphic features which can be used to define word searches include: word-type (syllabic word, logogram, number, etc.), relative size, presence of restorations (e.g. *ko[wo]*), erasures (e.g. *[[ko-wo]]*), **mistakes** or modern **corrections** (e.g. *ko<-wo>*), (un)certainty of reading (e.g. ko-wo) and position in the line (superscript, subscript, over a seal).

Further, the 2017 version allows also searches for co-occurrence of words, with the possibility to choose the grade of **proximity** (same line, same text or within a given number of words).

People & places

One of the purposes of making Linear B texts easily available online is to contribute to better integrate Mycenaean with other classical scholarship. To this end, the future publication of DAMOS' linguistic annotation, and particularly its lexical data, will play a central role, providing suitable links to later Ancient Greek and to other digital resources in the field, especially the other epigraphic databases and the Lexicon of Greek Personal Names, but also Papyri.info and Trismegistos, treebanks (The Ancient Greek and Latin Dependency Treebank, PROIEL), dictionaries and literary texts databases (Perseus, TLG).

The possibility is added to search for epigraphic features and co-occurrences of several words within a line, a text or a given number of words.

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