

Building an interactive Bohairic Coptic thematic lexicon

Digital Coptic III, 12/7/2020

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Objectives of the project, working title, 'COTEM'

RESOURCES:

to create a thematic lexicon that documents examples of each lexical item- Which genre, which time.

➤ (and by that) Gradually creating a linked and annotated corpora of Bohairic.

COMMUNITY:

To offer a space which facilitates a digital publication of teaching materials and promotes an open discussion about the lexicon (and grammar, phonology) of “spoken” Bohairic.

COTEM is not online yet, it will soon be available at:

<https://www.polisjerusalem.org/language/coptic/>,

<https://sotem.info>



Creating resources for teaching Coptic in full immersion

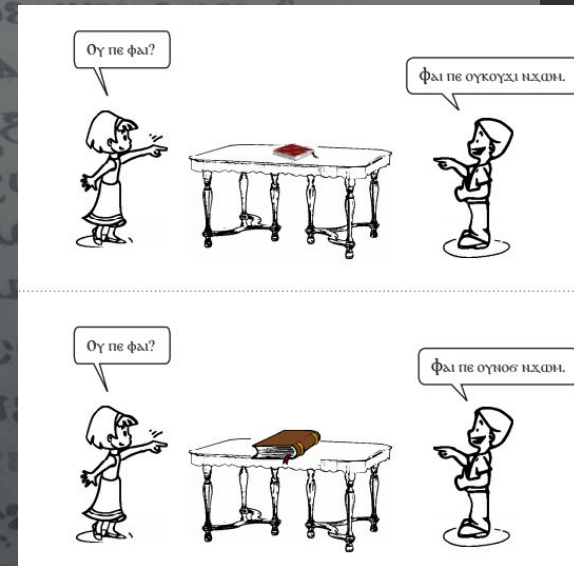
Project publications

(Polis Institute Press, 2021):

1) **ΤΕΝΣΑΧΙ**- A textbook for spoken Bohairic in 16 lessons.

2) **ΟΥΔΙ, ΣΝΔΥ, ΨΟΜΤ**

A practice book in spoken Bohairic.



οσον υζοm εσακι υταστη ηχηm

αφουταμ μεσ οφρωm ηκεσοm μmοm υζοm μmοm εναδ ετασορ ηφτ

μα η φici
μα η +cBw
μα η zwon

εσακη ← επυωι → οδεμοδ μmοm υζοm εσακι
N M μmοm εσακι
επεσht
πλεμσα (cηcaη) οσον υζοm εσακι
εi εραc
ωηδ φ

νοδτ (ωαλοηη η, η)
κοηbi
ηοc
μηηc

πi εμσα (moch)

οδωm

WIK

WIK NEM γαωm

WIK NEM γαωm NEM swit

WIK NEM cωof

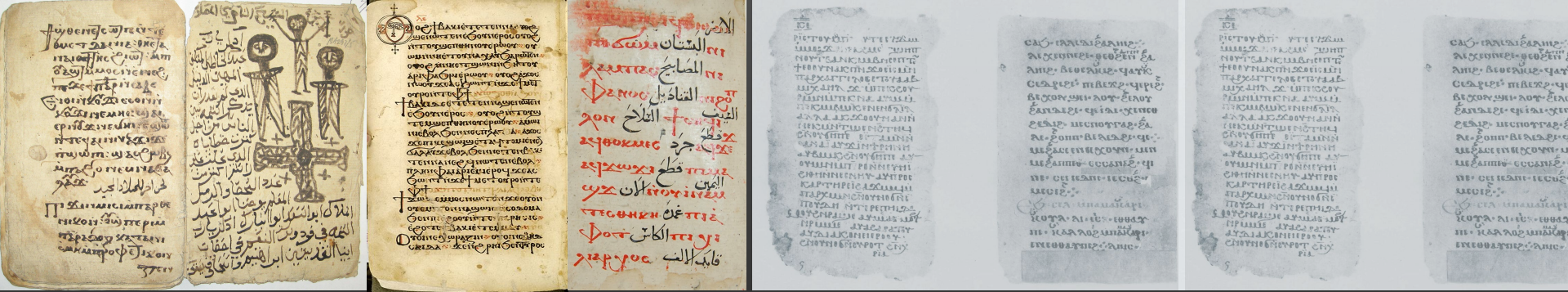
WIK NEM οδτα?

WIK NEM xemφel

εωωm
μωof
ηηη
ζεμκι
ερωt
TcaI

Teaching with TPR and Living Sequential Expression

Building an interactive Bohairic Coptic thematic lexicon



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Building an interactive **Bohairic Coptic** thematic lexicon

Q: What does BOHAIRIC stands for?

A: When we say Bohairic Coptic we refer to a several linguistic varieties:

WRITTEN (LITERARY) EVIDENCE

Early varieties- earlier sources, paleo/old Bohairic.

(Such as P. Bodmer III; P. Vat. Copto 9; P. Heid. Kopt 452; P. Mich. Inv. No. 926;
P.Mich.Copt. III.3; BL Or. 739; Bal. 19.)

(aka “B4” and it sub-varieties aka B74 (Type of south Bohairic), B74!, and B504-507*?.)

-no written evidence from 5th to 9th centuries.-

“Nitrian”(=Scetian)- texts originating from the Monastery of St. Macarius.

‘Scriptural’/ classical bible “medieval” Bohairic- (aka “B5”)

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Q: What does BOHAIRIC stands for?

A: When we say Bohairic Coptic we refer to a several linguistic varieties:

SPOKEN EVIDENCE

**1/ An Egyptian dialect of the region of lower egypt,
gradually declining as a spoken language after Arab conquest.**

**2/ Bohairic as a liturgical language of entire Coptic church -
Early 2nd millennium, up to this day.**

**3/ Various attempts of spoken Bohairic in last two centuries.
Based on traditions, scriptures, liturgy and on some lexical innovations.**

So what is our actual Corpus?

-Biblical manuscripts. The core corpus, OT and NT.

- **OT**

 - Vat. copto 1**, Paris copte 1? (ASH, Topics 2007).

- **NT**

 - Job**, Psalms, Proverbs

 - Major Prophets

 - Patristic texts

 - martyrologies

 - Homelies

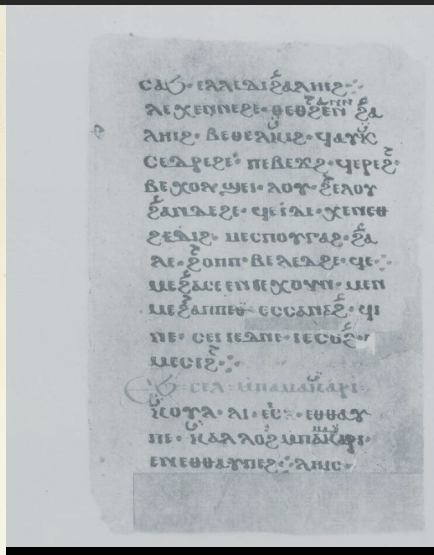
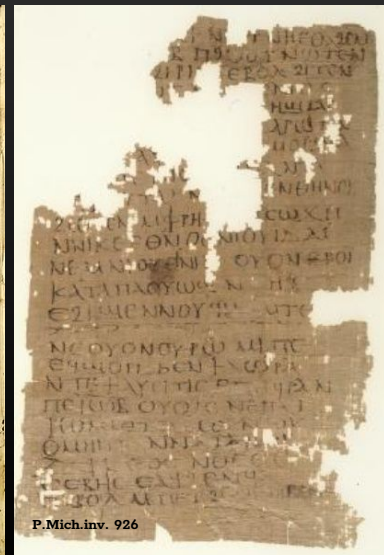
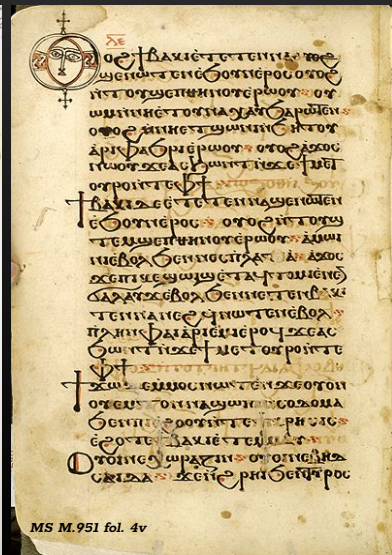
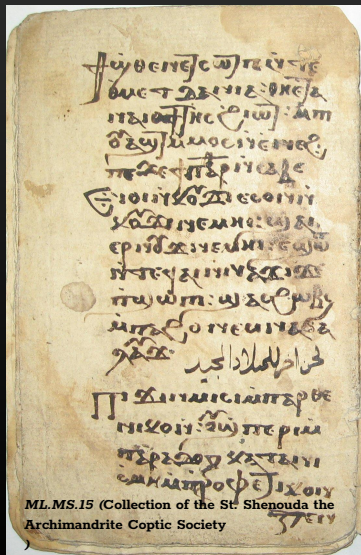
 - Liturgical compositions**

 - Philological works

 - Private inscriptions (and Graffiti) (Such as documentary texts at Kellia).

Building an interactive Bohairic Coptic thematic lexicon

- Starting by documenting selected OT and NT medieval Bohairic source manuscripts.
- Aiming to create corpora by standards offered by Coptology projects.



Grammatical progression-

Identifying literary and spoken Coptic varieties.

Introduce grammar gradually, accept traditional “conversational” forms that are not documented in written language, but aim to instruct literary grammar for its features and complexity.

ΙΣΥΕ ΠΕΚΒΑΛ ΝΟΥΙΝΑΜ ΕΡΣΚΑΝΔΑΛΙΖΕΣΘΕ ΜΜΟΚ ΦΟΡΚϢ ΖΙΤϢ ΕΒΟΛΖΑΡΟΚ
ΣΕΡΝΟϢΡΙ ΓΑΡ ΝΑΚ ΝΤΕ ΟΥΔΙ ΝΝΕΚΜΕΛΟΣ ΤΑΚΟ
ΟΥΟΖ ΝΤΕ ΨΤΕΜ ΠΕΚΩΜΑ ΤΗΡϢ ΨΕΝΔϢ ΕΓΓΕΕΝΝΑ.

If your right eye causes you to stumble, gouge it out and throw it away.
It is better for you to lose one part of your body
than for your whole body to be thrown into hell.
(Matthew 5:29)

A practice of grammatical theory

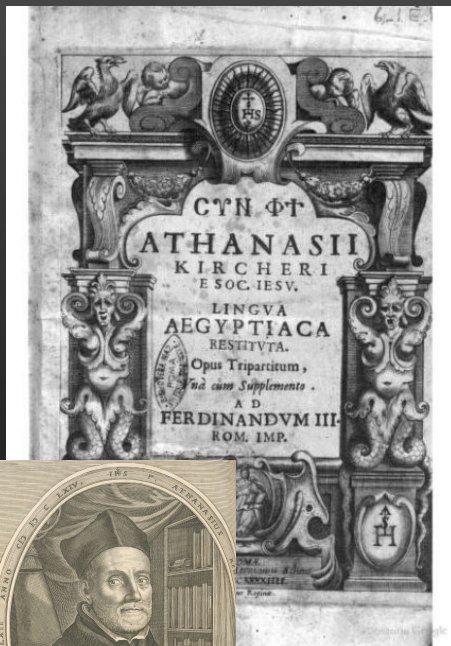
The choice of texts in our textbook is based also on literary varieties of speech representation.

- Recording as much typical direct speech grammatical forms. (Richter 2006).
- using specific narrative vs. dialogue forms (Shisha-Halevy 2007), for telling a story.

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- Roots of western Coptic lexicography in “Sullam”/”Scala” type works.

Here, Kircher’s publication Of Shams al-Riyasah al-Quss ibn Kabar (d. 1324)’s *Al-Sullam al-Kabir*.



Kircher, A. 1644.

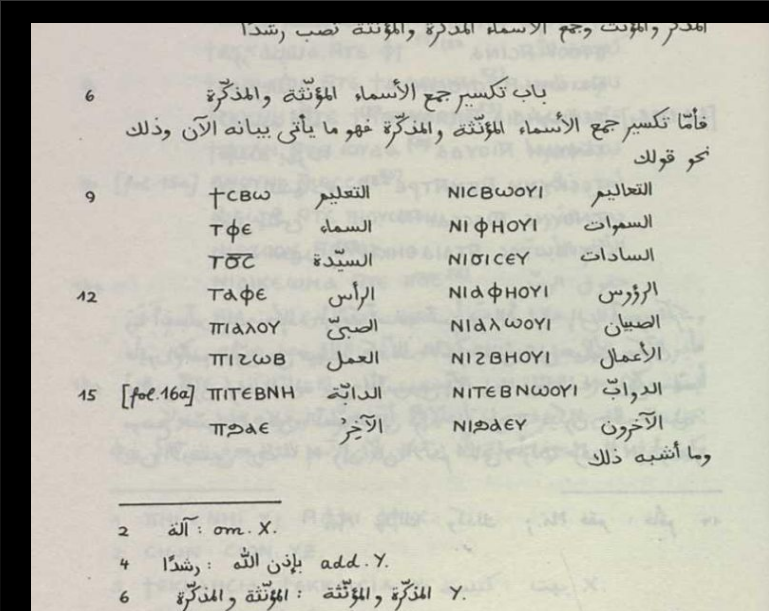
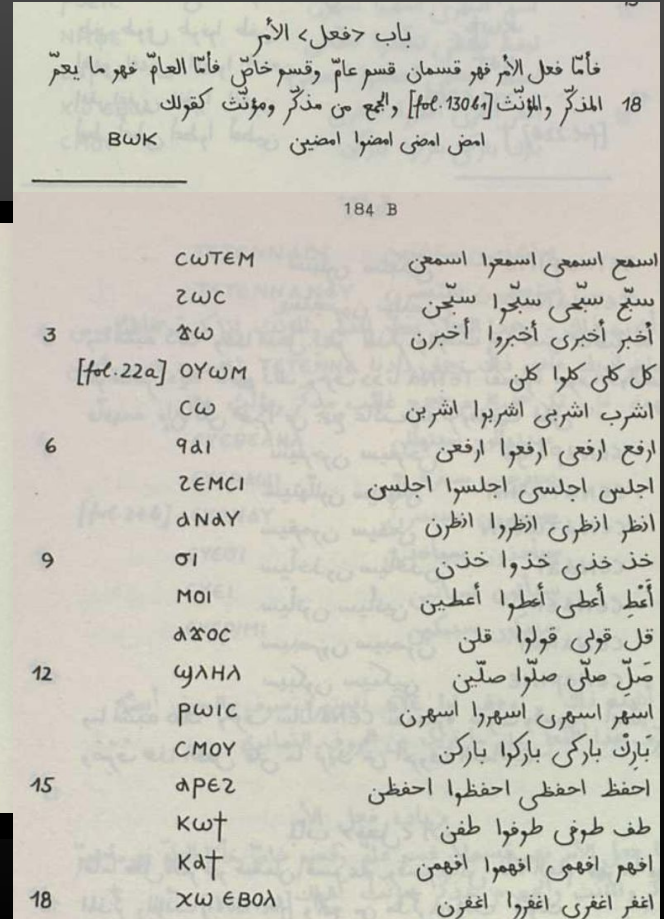
Lingua aegyptiaca restituta. Rome.

SECTIO II.
SCALA MAGNA
Hoc est
NOMENCLATOR
ÆGYPTIACO-ARABICVS
Cum Interpretatione Latina

42 Ægyptia.	Latina:	Arabica.
ⲛⲓⲕⲉⲫⲁⲗⲁⲃⲟⲛ *	Cap. I.	الفصل
ⲛⲓⲟⲩⲁⲧⲉⲛⲛⲓⲟ	Primum de	الأول في
ⲣⲁⲛⲓⲧⲉⲛⲛⲓⲟⲩⲁⲧⲉⲛⲛⲓⲟ	Nominibus	أسماء
ⲟⲩⲁⲛⲧⲉⲫⲁⲩⲱⲧⲉⲛⲛⲓⲟ	Creatoris	الخالق
ⲁⲗⲗⲉⲛⲧⲉⲫⲁⲩⲱⲧⲉⲛⲛⲓⲟ	Fortis, & glorioſi	عز وجل
ⲫⲁⲗⲁⲃⲟⲛ ⲛⲓⲟⲩⲁⲧⲉⲛⲛⲓⲟ	Deus	الله
ⲫⲁⲗⲁⲃⲟⲛ	Deus	الله
ⲫⲁⲗⲁⲃⲟⲛ	Pater.	الأب
ⲛⲓⲟⲩⲁⲧⲉⲛⲛⲓⲟ	Deus	الإله
ⲛⲟⲩⲟⲩⲁⲧⲉⲛⲛⲓⲟ	Dominus	الرب
ⲛⲓⲟⲩⲁⲧⲉⲛⲛⲓⲟ	Creator	الخالق
ⲫⲁⲗⲁⲃⲟⲛ	Viuens	الحى
ⲛⲁⲗⲗⲉⲛⲧⲉⲫⲁⲩⲱⲧⲉⲛⲛⲓⲟ	Sine menſura, Immenſus.	لا يمحصر غير المحوى
ⲫⲁⲗⲁⲃⲟⲛ	Intellectualis, qui exprimit omnia verbo.	الناطق
ⲛⲓⲛⲁⲛⲧⲉⲫⲁⲩⲱⲧⲉⲛⲛⲓⲟ	Omnipotens.	ضابط الكل
ⲛⲓⲉⲗⲓⲛⲟⲩⲁⲧⲉⲛⲛⲓⲟ	Æternus	الأزلي
ⲛⲓⲉⲗⲓⲛⲟⲩⲁⲧⲉⲛⲛⲓⲟ	Sempiternus	الأبدى
ⲫⲁⲗⲁⲃⲟⲛ	Æternus, perennis, iugis.	السرمدى
ⲛⲓⲉⲗⲓⲛⲟⲩⲁⲧⲉⲛⲛⲓⲟ	Largitor,	الرازق
ⲛⲓⲉⲗⲓⲛⲟⲩⲁⲧⲉⲛⲛⲓⲟ	Viuificans	المحيى
ⲫⲁⲗⲁⲃⲟⲛ	Mortificans	المميت
ⲁⲗⲗⲉⲛⲧⲉⲫⲁⲩⲱⲧⲉⲛⲛⲓⲟ	Cauſa	علية
		ⲁⲗⲗⲉⲛⲧⲉⲫⲁⲩⲱⲧⲉⲛⲛⲓⲟ

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- Copto-Arabic philological works and grammars are the starting point of our project.



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16° T.
 ΟΝ ΟΥΒΕΠΗ coloriter cito *pro mutatis*.
 ΝΧΩΛΕΑ
 ΝΧΩΛΕ *propere, aschaleo, aschaleo, etc.*
 ΝΧΩΛΕΝΗ T. gratis M. il.
 forme de ΝΧΩΛΕ minimum acceptio d. de
 ΝΧΗ abjque aliquo. B. ki. 143.

ΕΒΟΧ 2 vis affantes T
 ΒΟΧ
 Spectare
 Quodvis ut.
 vis de dictionnaire
 176.

20
 ΝΧΩ soti sufficit T.
 ΚΗΝ soti sufficit M. *ausraa v. 144.*
 exemples pronomen leuante
 20 ΕΡΟΣ T. } soti mihi
 ΚΗΝΕΡΟΣ M. }
 20 ΕΡΟΚ } soti tibi
 ΚΗΝΕΡΟΚ }
 20 ΧΡΩ

NBE } me. sicut à la manière
 NTBE }
 υφρητ. M. sicut à la manière.
 20 ΧΡΩ } th. in dans.
 20 ΧΡΩ }
 20 ΧΡΩ M. }
 Ε ω. ut. }
 247.

le régime du verbe auquel il se joint en préfixe.
 20
 20
 20

اسم قبط العادي
 اسماء بحرية السنه
 الأستورين
 الأستورين 171
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Champollion's unpublished grammatical notes

<https://gallica.bnf.fr/ark:/12148/btv1b10085358n/f28.image>

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A lexical item includes the following details:

- Bo-ID- form and item no. in the TENC&X1 dataset. cḥⲗ 40/381b
- TLA-ID- TLA lemma no. C3972 *(may have several ids)
- (dialectal) Form-ID of CDO - not available in this case. *(may have several ids)
- Other dictionaries ids of CDO- e.g. CD 381b²; CED 172²-173; KoptHWb 211²; DELC 204²; ChLCS 53b²
- Translations (from CDO, EN,DE,FR) + Arabic translation and its source + meaning in Coptic (possible).
- Themes, entities tagging.
- marking neologisms. Linking them to form/TLA-IDs

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Tokens- examples from source texts.

- context line in unicode.
- glossed TEI format.
- Links to witnesses (which are annotated for their metadata, CMCL ids etc.)

I.e. ⲉϥⲗⲁⲓ- Ⲉϥⲗⲱ ⲙⲙⲟϥ ϫⲉ ⲫⲣⲉϥⲧⲥⲃⲱ ⲗ- ⲙⲱϥϫⲥ Ⲉⲗⲁⲓ ⲛⲗⲛ ϫⲉ Ⲉϥⲱⲡ ⲗⲣⲈϥⲱⲗⲛ ⲡⲈⲐⲚ ⲛⲟϥⲗⲁⲓ ⲙⲟϥ Ⲉⲟϥⲟⲛⲧⲉϥ
Ⲉⲗⲁⲓ ⲙⲙⲗϥ ⲟϥⲟⲗ ⲫⲗⲁ ⲙⲙⲟⲛⲧⲉϥ ϥⲱⲛⲣⲓ ⲙⲙⲗϥ ⲗⲓⲛⲗ ⲛⲧⲉⲡⲉϥⲈⲐⲚ ⲃⲓ ⲛⲧⲉϥⲈⲗⲁⲓ ⲟϥⲟⲗ ⲛⲧⲉϥⲧⲟϥⲛⲟϥ ⲟϥⲗⲣⲟⲗ
ⲙⲡⲉϥⲈⲐⲚ.

‘Saying, Master, Moses wrote unto us, If any man's brother die, having a wife, and he die without children, that his brother should take his wife, and raise up seed unto his brother.’

(ⲗⲟϥⲕⲟⲛ □□, ⲕⲏ.) An example includes a full “sentence,” with POS tagging and glossing- Using the Coptic Scriptorium NLP service.

Ⲉ	ϥ	ⲗⲱ	ⲙⲙⲟ	ϥ	ϫⲉ	ⲫⲣⲉϥⲧⲥⲃⲱ	ⲗ	ⲙⲱϥϫⲥ	Ⲉⲗⲁⲓ	ⲛⲗ	ⲛ	ϫⲉ	Ⲉ
CCIRC	PPERS	V	PREP	PPERO	CONJ	NPROP	APST	NPROP	V	PREP	PPERO	CONJ	CFO
e	ϥ	ⲗⲱ	ⲙⲙⲟ	ϥ	ϫⲉ	ⲫⲣⲉϥⲧⲥⲃⲱ	ⲗ	ⲙⲱϥϫⲥ	Ⲉⲗⲁⲓ	ⲛⲗ	ⲛ	ϫⲉ	e

- Commentary of author. Links to additional relevant publications.
- Sound recording/s.
- (In the UI)- Users comments.

Tagging 'themes'

- Going over the Bohairic portion of Crum, tagging lexical fields (<https://concepticon.clld.org/>) and themes, (entities?).
- Marking themes/categories suggested by medieval philological works.
- Themes, following the Polis method are based on Modern world experience and daily life (kitchen, bathroom, school, street etc.)

#Planned thematic “open calls” for specialized language (e.g. medical terms, flora and fauna)

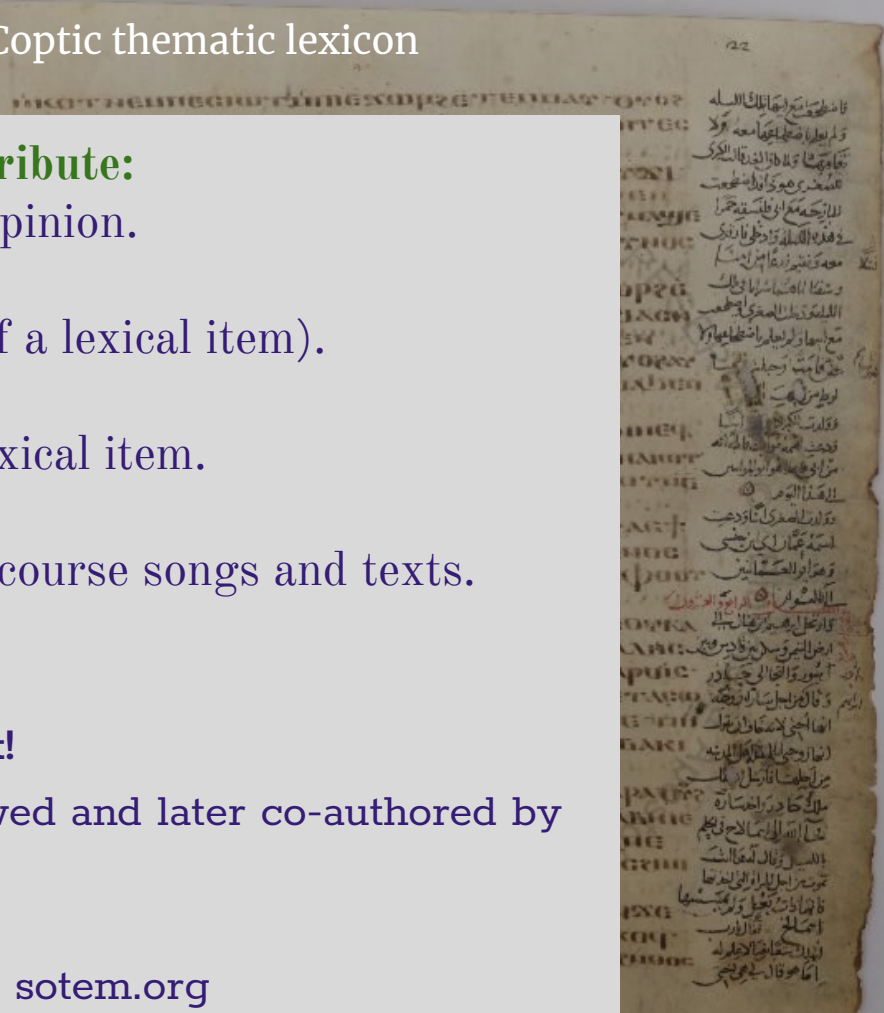
Users/Researchers can contribute:

- a reference, comment, opinion.
- a token (new example of a lexical item).
- Suggestion for a new lexical item.
- audios and video of the course songs and texts.

This is a collaborative project!

Which means it will be reviewed and later co-authored by many authors-

Guidelines will be available in sotem.org



ben zinkot

UNDER CONSTRUCTION

□ Within the first stage of the project (2/2021), website will be up with the database of

all words in the coursebook. (not online yet, will be on

<https://www.polisjerusalem.org/language/coptic/>, <https://sotem.info>)

□ **Our goal:** Making traditions of lexicography and textual studies more accessible to students of spoken Coptic.

□ Using building blocks that are the tools presented by Coptic DH projects, all data will be reviewed and published for reuse by other projects.

□ Gradually, the structure of the lexicon, frequency, hapax cases, and loans will be evaluated and displayed.

Ἰϣεπζμοτ ντοτοϋ!
(χε δρετενσωτεμ εροί)

“Ἰϣεπζμοτ ντοτκ χε δκσωτεμ εροί”
(ΙΩΔΗΝΗΝ □□□□, □□□□)



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