DH-CASE 2013
Collaborative Annotations in Shared Environments:
metadata, vocabularies and techniques in the Digital Humanities
Florence - September 10, 2013

Bridget Almas & Monica Berti

Perseids Collaborative Platform for Annotating Text Re-Uses of Fragmentary Authors

text re-uses of fragmentary authors
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information about lost authors preserved in surviving sources

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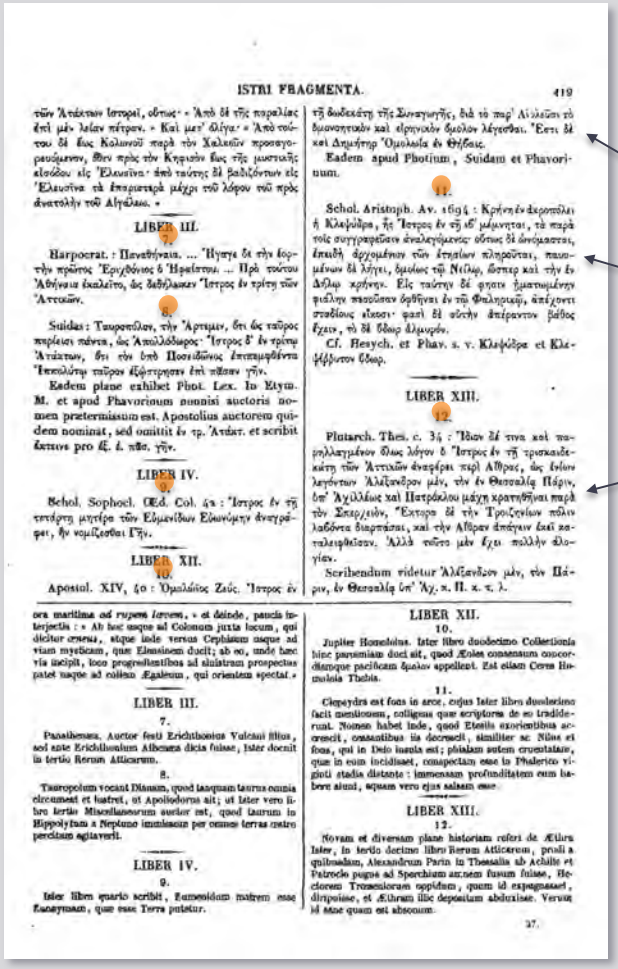

ISTRI FRAGMENTA. 419

τῶν Ἀτθίδων ἱστορεῖ, οὕτως· « Ἀπὸ δὲ τῆς παραλίας ἐπὶ μὲν λείαν πέτραν. » Καὶ μετ' ὀλίγα· « Ἀπὸ τούτου δὲ ἴσος Κολωνοῦ παρὰ τὸν Χαλκεῖον προσαγορευόμενον, ὅθεν πρὸς τὸν Κηφισὸν ὡς τῆς μυστικῆς εἰσόδου εἰς Ἔλευσῖνα· ἀπὸ ταύτης δὲ βαδιζόντων εἰς Ἔλευσῖνα τὰ ἐπισωτρὰ μέχρι τοῦ λόφου τοῦ πρὸς ἀνατολὴν τοῦ Λιθάδους. »

LIBER III.

7.

Harpocrat. : Παναθήναια. ... Ἤγαγε δὲ τὴν ἑορτὴν πρῶτος Ἐριχθόνιος ὁ Ἡφαίστου. ... Περὶ τούτου Ἀθήναιος ἐκτέθειται, ὡς διδάσκων Ἴστρος ἐν τρίτῃ τῶν Ἀττικῶν.

8.

Suidas : Ταυροπύλων, τὴν Ἄρτεμιν, ὅτι ὡς ταῦρος περίεισι πάντα, ὡς Ἀπολλόδωρος· Ἴστρος δ' ἐν τρίτῳ Ἀτθίδων, ὅτι τὸν ὑπὸ Ποσειδῶνος ἐπεκμηθέντα Ἑκατόλιτα ταῦρον ἐξώτρυνεν ἐπὶ πᾶσαν γῆν.

Eadem plane exhibet Phot. Lex. In Etym. M. et apud Phavorinum nonnisi auctoris nomen praetermissum est. Apostolius auctorem quidem nominat, sed omittit ἐν τρ. Ἀτθίδ. et scribit ἔκτυνε pro ἔξ. ἐ. πᾶσ. γῆν.

LIBER IV.

9.

Schol. Sophocl. Œd. Col. 42 : Ἴστρος ἐν τῇ τετάρτῃ μητέρα τῶν Εὐμενίδων Εὐνυόμην ἀναγράφει, ἣν νομίζεσθαι Γῆν.

LIBER XII.

10.

Aposiol. XIV, 50 : Ὁμολώϊος Ζεύς. Ἴστρος ἐν τῇ δωδεκάτῃ τῆς Συναγωγῆς, διὰ τὸ παρ' Αἰολεῦσι τὸ ὁμονοητικὸν καὶ εἰρηνικὸν ὁμόλον λέγεσθαι. Ἔστι δὲ καὶ Δημήτηρ Ὁμολωὶς ἐν Θήβαις.

Eadem apud Photium, Suidam et Phavorinum.

12.

Schol. Aristoph. Av. 1694 : Κρήνη ἐν Δερφοῖς ἡ Κλεψύδρα, ἧς Ἴστρος ἐν τῇ ιϛ' μέμνηται, τὰ παρὰ τοῖς συγγραφεῦσιν ἀναλεγόμενος· οὕτως δὲ ὀνόμασται, ἐπειδὴ ἀρχομένων τῶν ἐτησίων πληροῦται, παυομένων δὲ λήγει, ὁμοίως τῷ Νείλῳ, ὥσπερ καὶ τὴν ἐν Δήλῳ κρήνην. Εἰς ταύτην δέ φησιν ἡμαυμένην φιάλην πεσοῦσαν ὀρθῆναι ἐν τῷ Φαληρικῷ, ἀπέχοντι σταδίους εἴκοσι· φασὶ δὲ οὕτην ἀπέραντον βάθος ἔχειν, τὸ δὲ ὕδωρ ἁλμυρόν.

Cf. Hesych. et Phav. s. v. Κλεψύδρα et Κλεψύδριον ὕδωρ.

LIBER XIII.

12.

Plutarch. Thes. c. 34 : Ἴδιόν δέ τινα καὶ παραλλαγμένον ὅλως λόγον ὁ Ἴστρος ἐν τῇ τριακαιδεκάτῃ τῶν Ἀττικῶν ἀναφέρει περὶ Αἴθρας, ὃς ἑνίων λεγόντων Ἀλεξανδρον μέν, τὸν ἐν Θετταλίᾳ Πάριν, ὑπ' Ἀχιλλέως καὶ Πατρόκλου μάχῃ κρατηθῆναι παρὰ τὸν Σπερχειόν, Ἕκτορα δὲ τὴν Τροιζηνίων πόλιν λαβόντα διαρπάσαι, καὶ τὴν Αἴθραν ἀπάγειν ἐκεῖ καταλειφθεῖσαν. Ἀλλὰ τοῦτο μὲν ἔχει πολλὴν ἀλογίαν.

Scribendum videtur Ἀλέξανδρον μέν, τὸν Πάριν, ἐν Θετταλίᾳ ὑπ' Ἀχ. κ. Π. κ. τ. λ.

ora maritima ad *rupem Icrem*, » et deinde, paucis interjectis : « Ab hac usque ad Colonum juxta locum, qui dicitur *cream*, atque inde versus Cephisum usque ad viam mysticam, quae Eleusinem ducit; ab eo, unde haec via incipit, loco progredientibus ad sinistram prospectus patet usque ad collem Ægaleum, qui orientem spectat. »

LIBER III.

7.

Panathenaea. Auctor festi Erichthonius Vulcani filius, sed ante Erichthonium Athenea dicta fuisse, Ister docuit in tertio Rerum Atticarum.

8.

Tauropolium vocant Dianam, quod tanquam taurus omnia circumeat et lustret, ut Apollodorus ait; ut Ister vero libro tertio Miscellaneorum auctor est, quod taurum in Hippolytum a Neptuno immissum per omnes terras matre percitam egisset.

LIBER IV.

9.

Ister libro quarto scribit, Eumenidum matrem esse Eunymnam, quae esse Terra putatur.

LIBER XII.

10.

Jupiter Homolous. Ister libro duodecimo Collectionis hinc parsimoniam dici ait, quod Æoles consensum concordiamque pacificam ὁμόλον appellent. Est etiam Ceres Homoloïs Thebis.

11.

Cisseydra est fons in arce, cujus Ister libro duodecimo facit mentionem, reliquus quae scriptores de eo tradiderunt. Nomen habet inde, quod Etesiis exorientibus accrescit, cessantibus ita decrescit, similiter ac Nilus et fons, qui in Delo insula est; phialam autem cruentatam, quae in eum incidisset, compactam esse in Phalerico viginti stadia distante : immensam profunditatem eum habere aiunt, aquam vero ejus salsam esse.

LIBER XIII.

12.

Novam et diversam plane historiam refert de Æthra Ister, in tertio decimo libro Rerum Atticarum, prosi a quibusdam, Alexandrum Parin in Thessalia ab Achille et Patrocle pugna ad Sperchium amnem fusum fuisse, Hectorem Trozenioram oppidum, quem id expugnasset, diripuisse, et Æthram illic depositam abduxisse. Verum id sine quam est absonum.

37.

fragmenta in print editions
decontextualized extracts
from different sources

Bridget Almas & Monica Berti

Perseids Collaborative Plaform for Annotating Text Re-Uses of Fragmentary Authors

text re-uses of fragmentary authors

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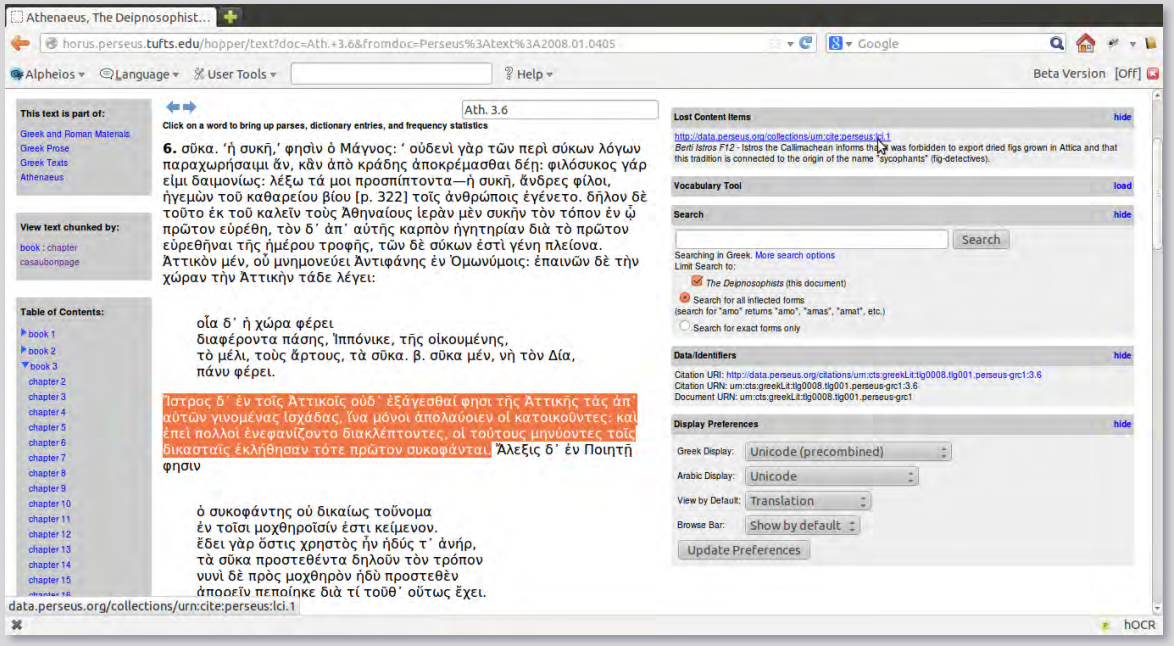
information about lost authors preserved in surviving sources



text re-uses in digital libraries
contextualized annotations about lost authors

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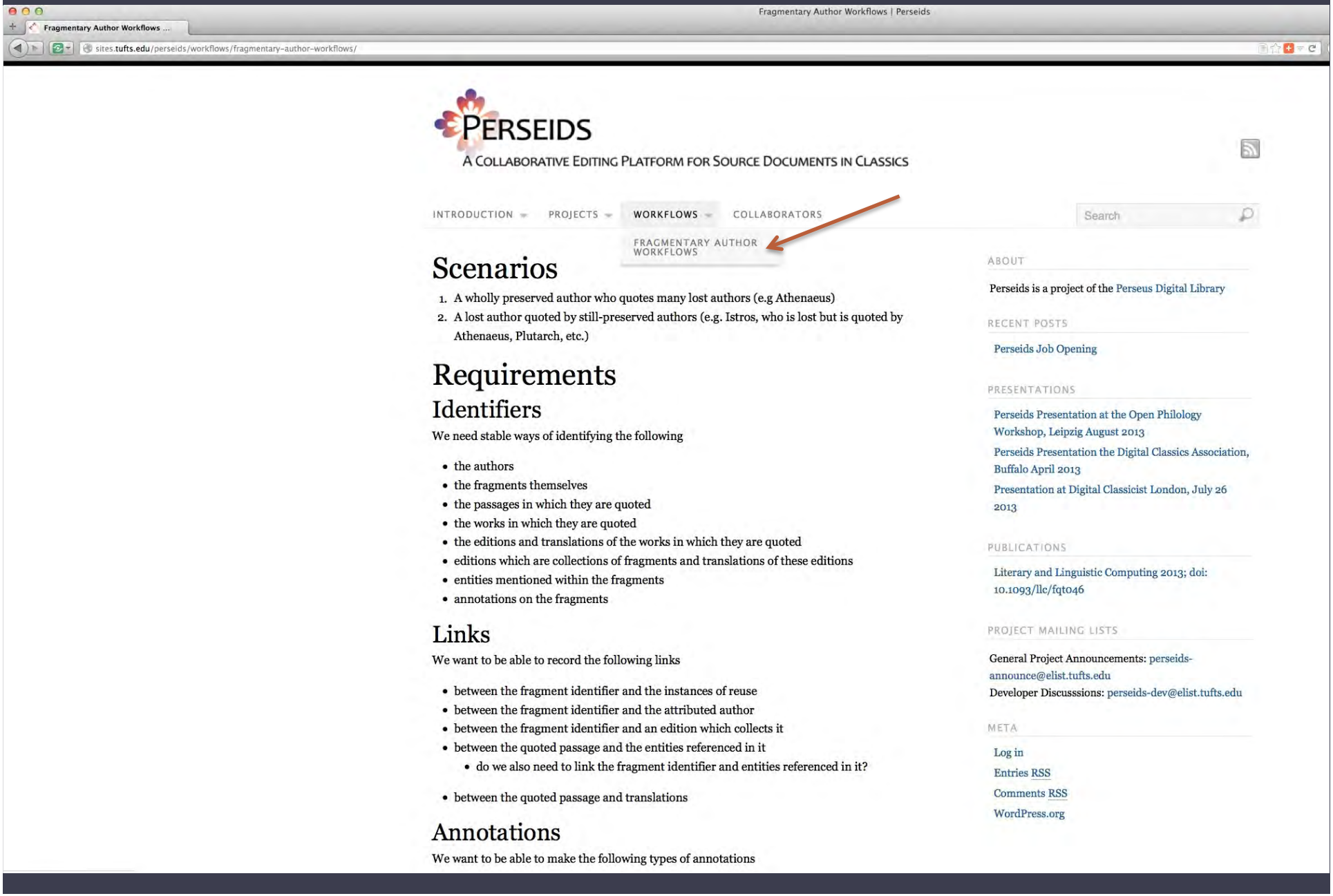

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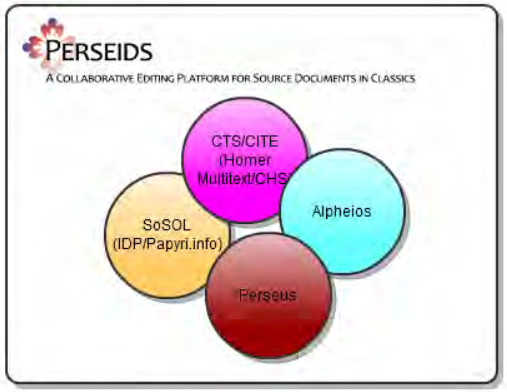

Fragmentary Author Workflows | Perseids

Fragmentary Author Workflows ...

sites.tufts.edu/perseids/workflows/fragmentary-author-workflows/

PERSEIDS

A COLLABORATIVE EDITING PLATFORM FOR SOURCE DOCUMENTS IN CLASSICS

INTRODUCTION PROJECTS WORKFLOWS COLLABORATORS

FRAGMENTARY AUTHOR WORKFLOWS

Search

Scenarios

1. A wholly preserved author who quotes many lost authors (e.g Athenaeus)
2. A lost author quoted by still-preserved authors (e.g. Istros, who is lost but is quoted by Athenaeus, Plutarch, etc.)

Requirements

Identifiers

We need stable ways of identifying the following

- the authors
- the fragments themselves
- the passages in which they are quoted
- the works in which they are quoted
- the editions and translations of the works in which they are quoted
- editions which are collections of fragments and translations of these editions
- entities mentioned within the fragments
- annotations on the fragments

Links

We want to be able to record the following links

- between the fragment identifier and the instances of reuse
- between the fragment identifier and the attributed author
- between the fragment identifier and an edition which collects it
- between the quoted passage and the entities referenced in it
  - do we also need to link the fragment identifier and entities referenced in it?
- between the quoted passage and translations

Annotations

We want to be able to make the following types of annotations

ABOUT

Perseids is a project of the Perseus Digital Library

RECENT POSTS

Perseids Job Opening

PRESENTATIONS

Perseids Presentation at the Open Philology Workshop, Leipzig August 2013

Perseids Presentation the Digital Classics Association, Buffalo April 2013

Presentation at Digital Classicist London, July 26 2013

PUBLICATIONS

Literary and Linguistic Computing 2013; doi: 10.1093/llc/fqt046

PROJECT MAILING LISTS

General Project Announcements: perseids-announce@elist.tufts.edu

Developer Discusssions: perseids-dev@elist.tufts.edu

META

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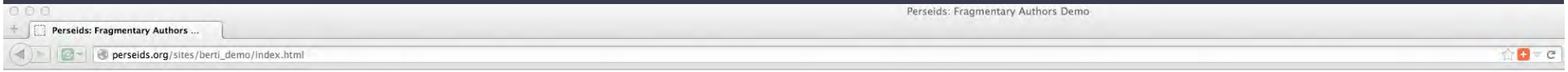

Perseids: Fragmentary Texts· Monica Berti, ed.

Fragmentary Text Demo

Istros

urn:cite:perseus:lci.1.1

Berti Istros T2

Istros the Callimachean refers to the historian Timaeus of Tauromenion as the Epitimaios in the "Replies against Timaeus".

urn:cite:perseus:lci.2.1

Berti Istros F12

Istros the Callimachean informs that it was forbidden to export dried figs grown in Attica and that this tradition is connected to the origin of the name "sycophants" (fig-detectives).

urn:cite:perseus:lci.3.1

Berti Istros F2

Istros the Callimachean says that in the festival of the Apatouria the Athenians carried torches and sacrificed to Hephaestus.

urn:cite:perseus:lci.4.1

Berti Istros F4

Istros the Callimachean says that the earlier name of the Panathenaic festival (Panathenaia) was Athenaia.

urn:cite:perseus:lci.5.1

Berti Istros F15

Istros the Callimachean asserts that the family name Koironidai derives from Koiron, who was the illegitimate brother of Krokon.

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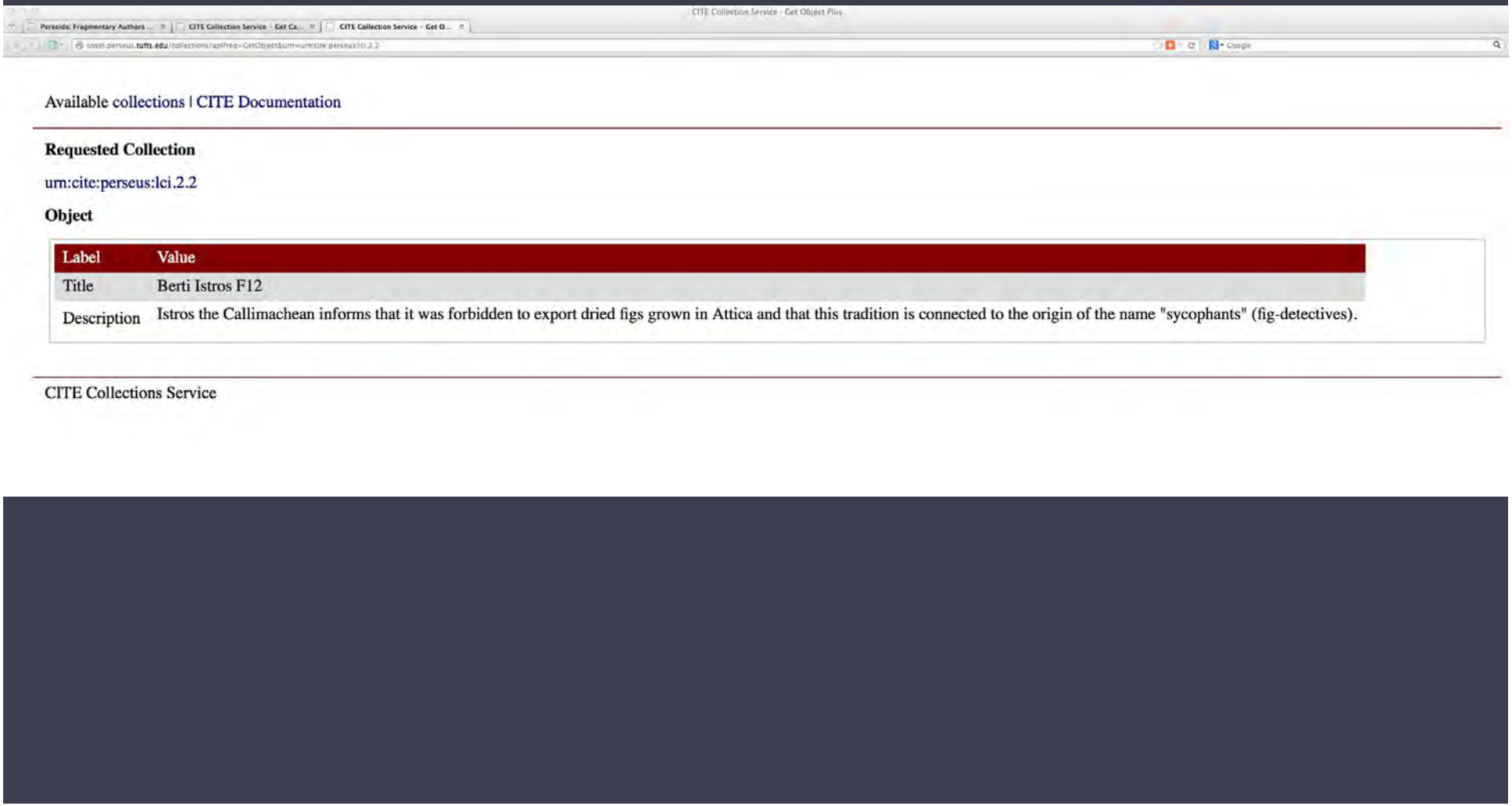

Available collections | CITE Documentation

Requested Collection

urn:cite:perseus:lci.2.2

Object

Label	Value
Title	Berti Istros F12
Description	Istros the Callimachean informs that it was forbidden to export dried figs grown in Attica and that this tradition is connected to the origin of the name "sycophants" (fig-detectives).

CITE Collections Service

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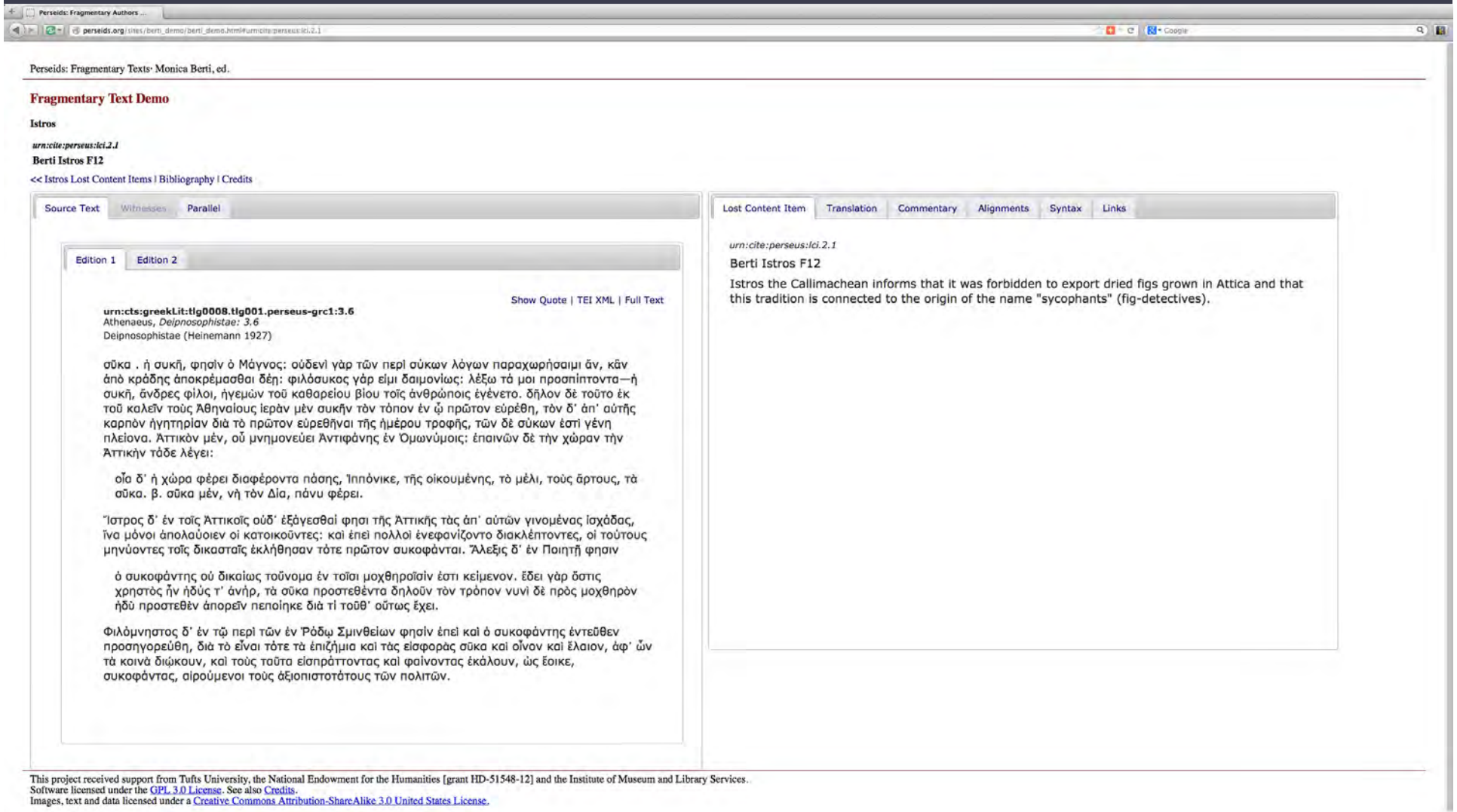

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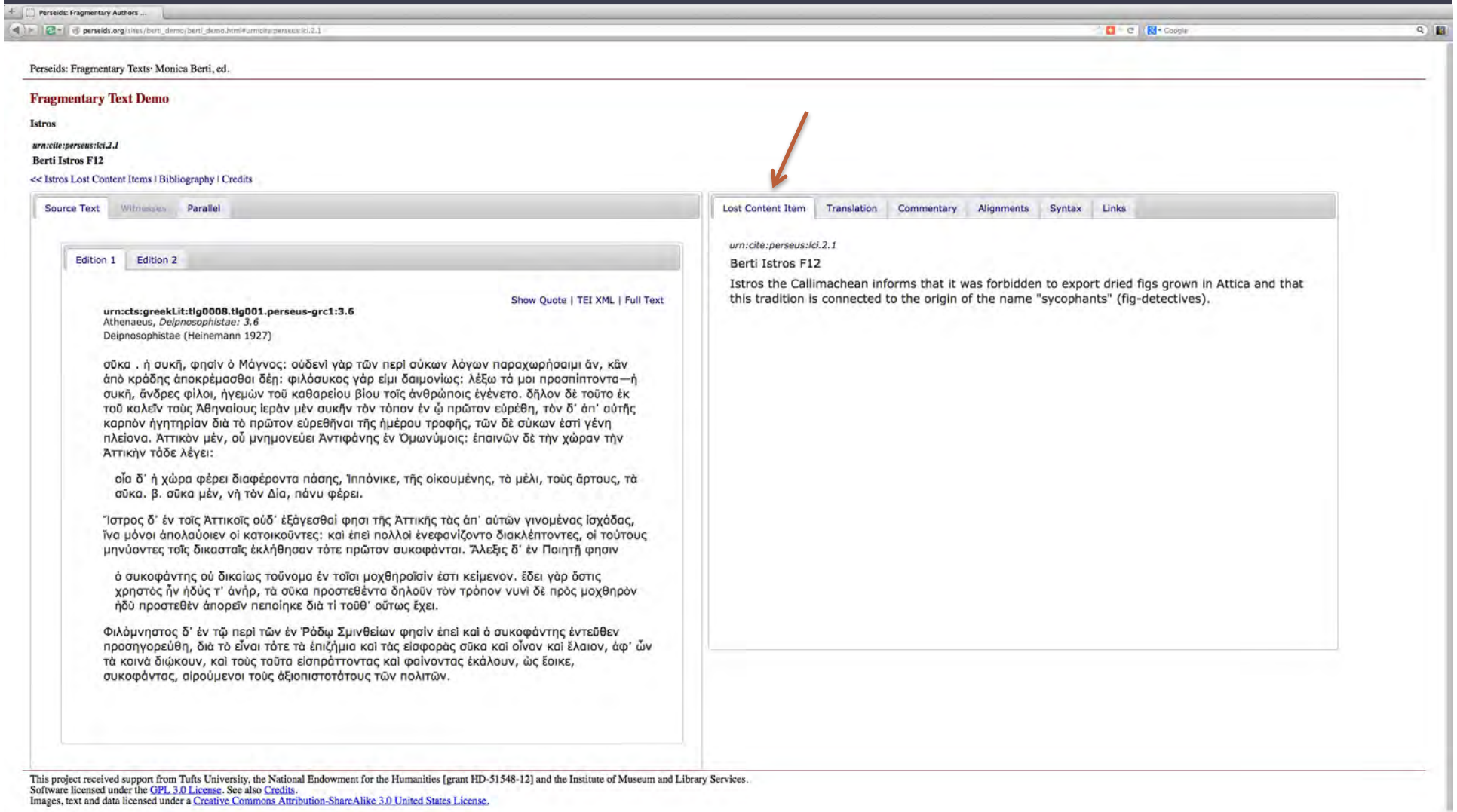

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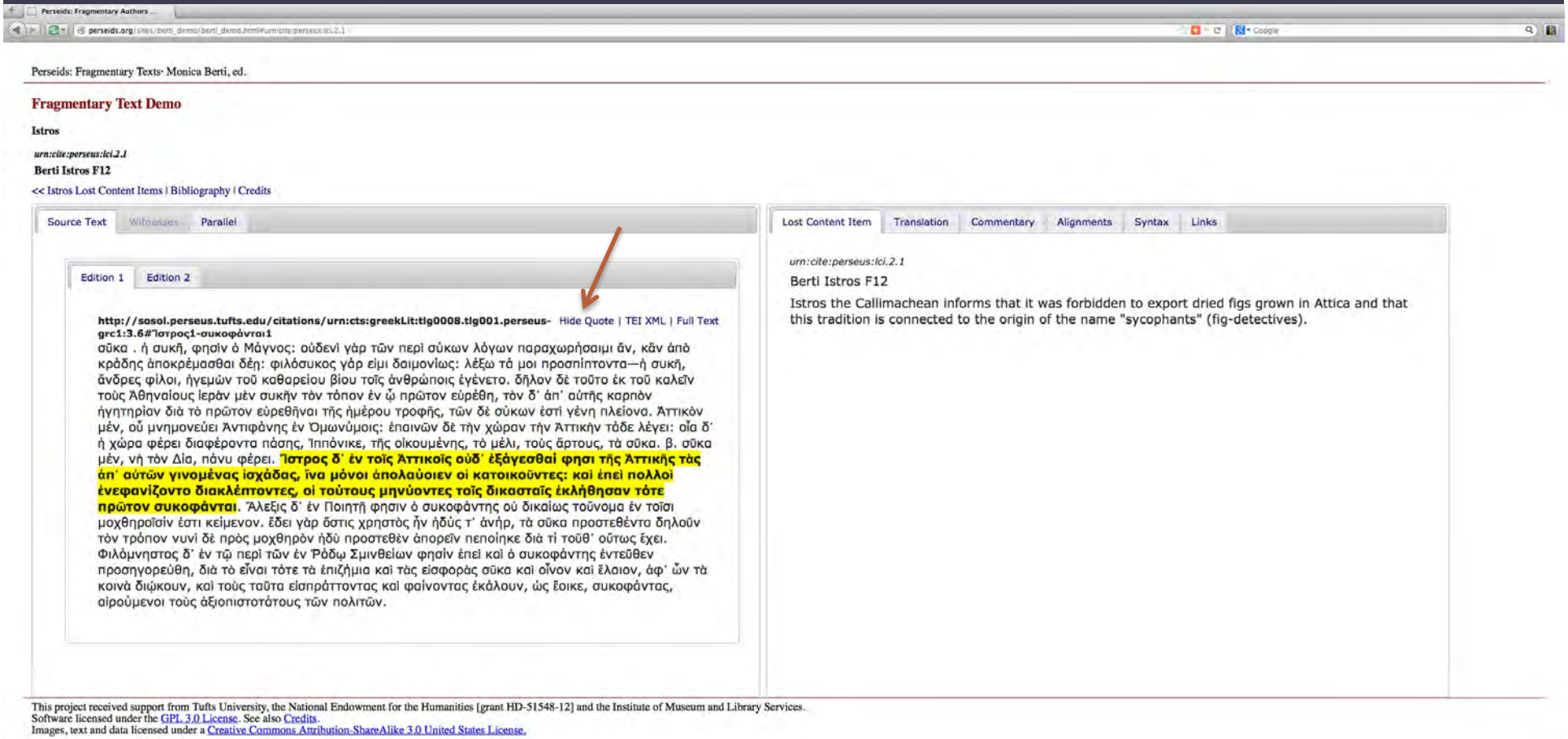

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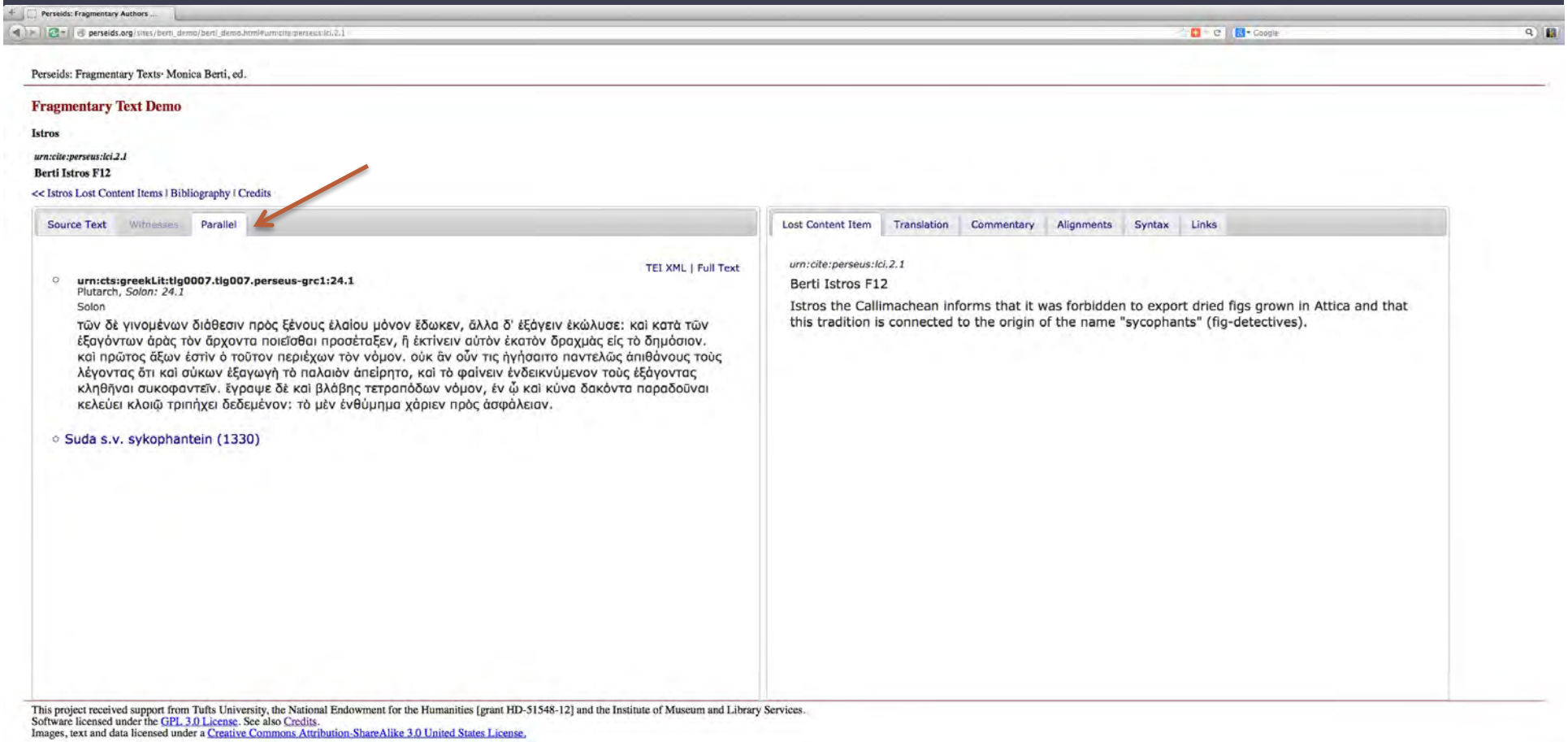

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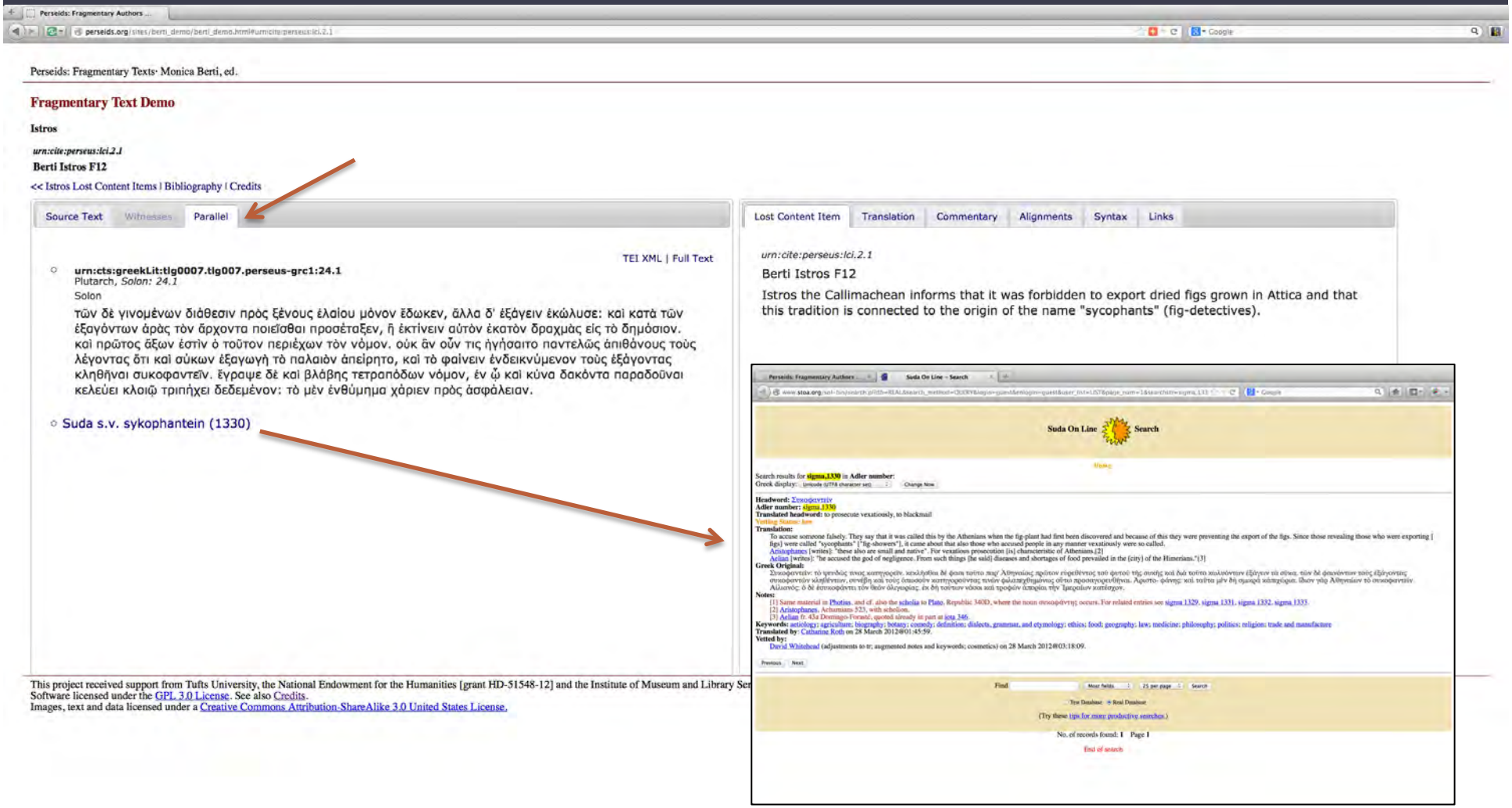

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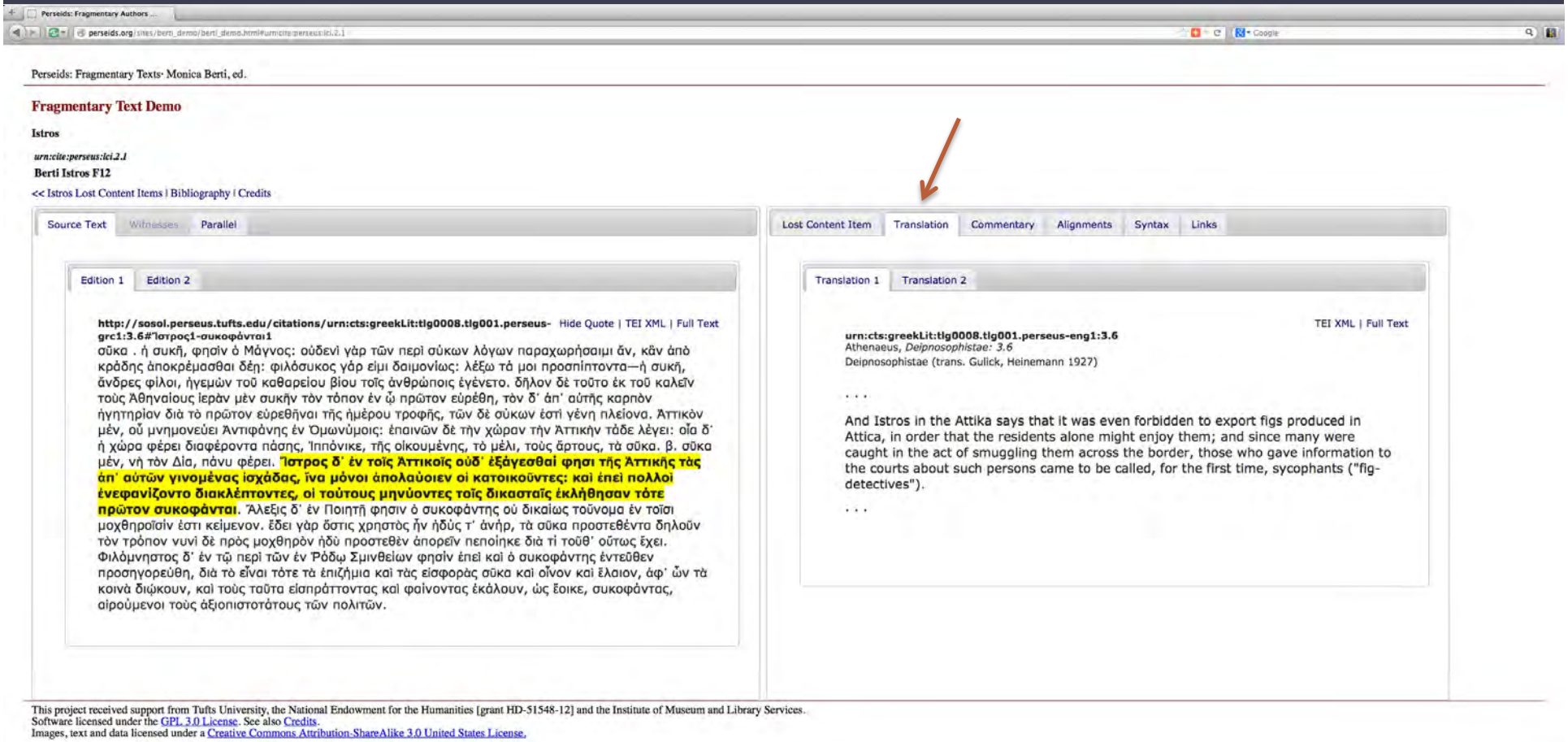

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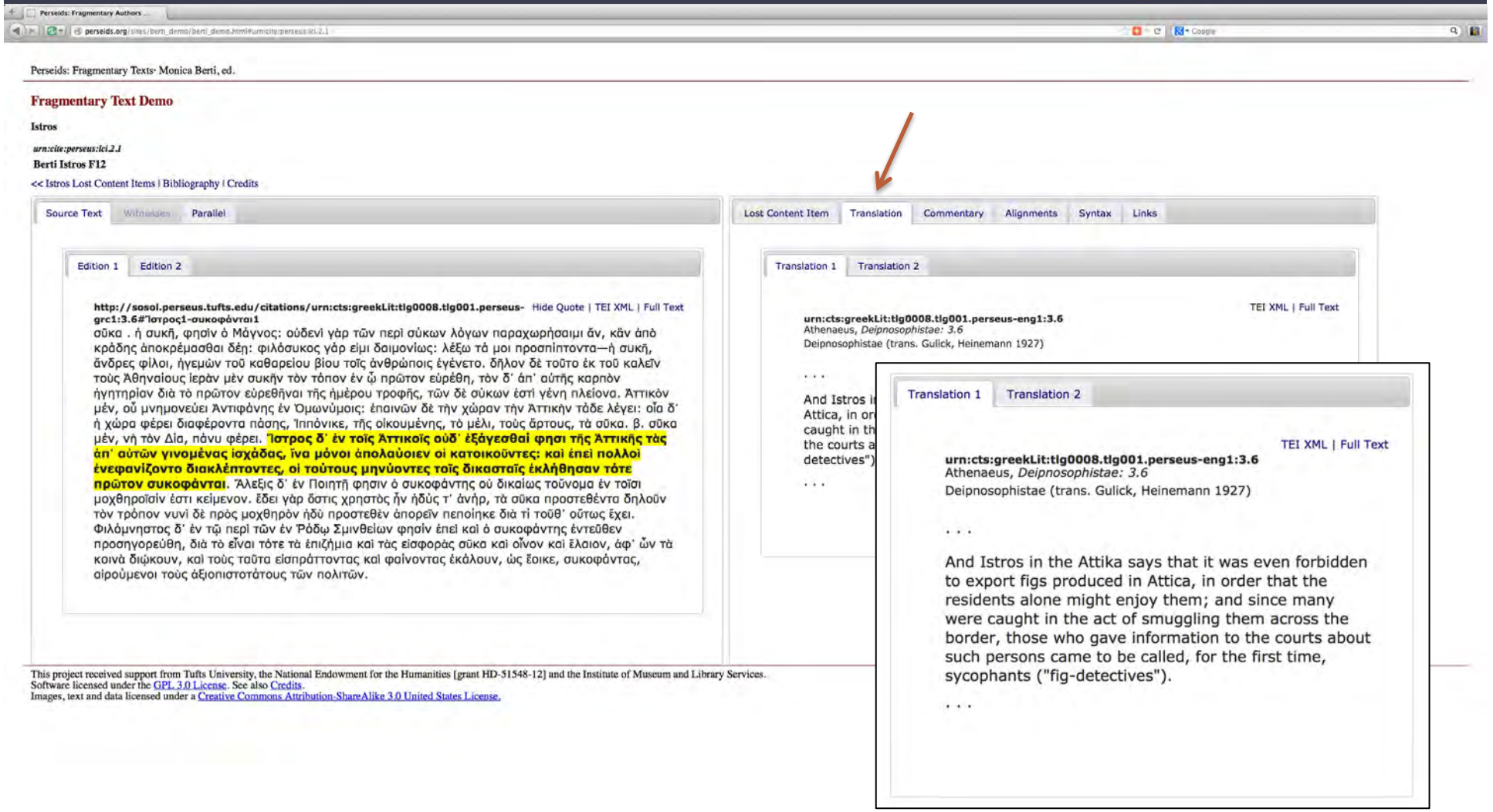

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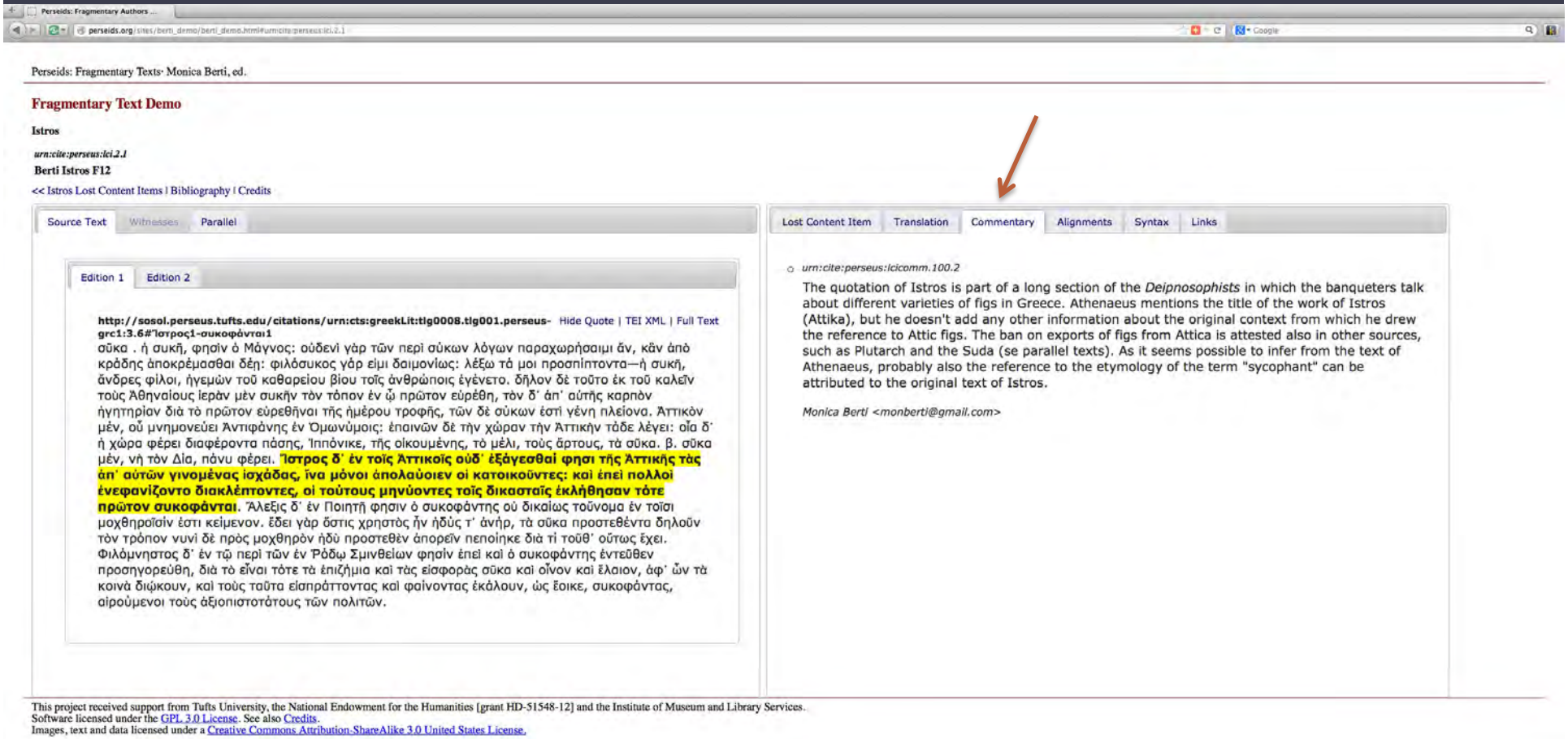

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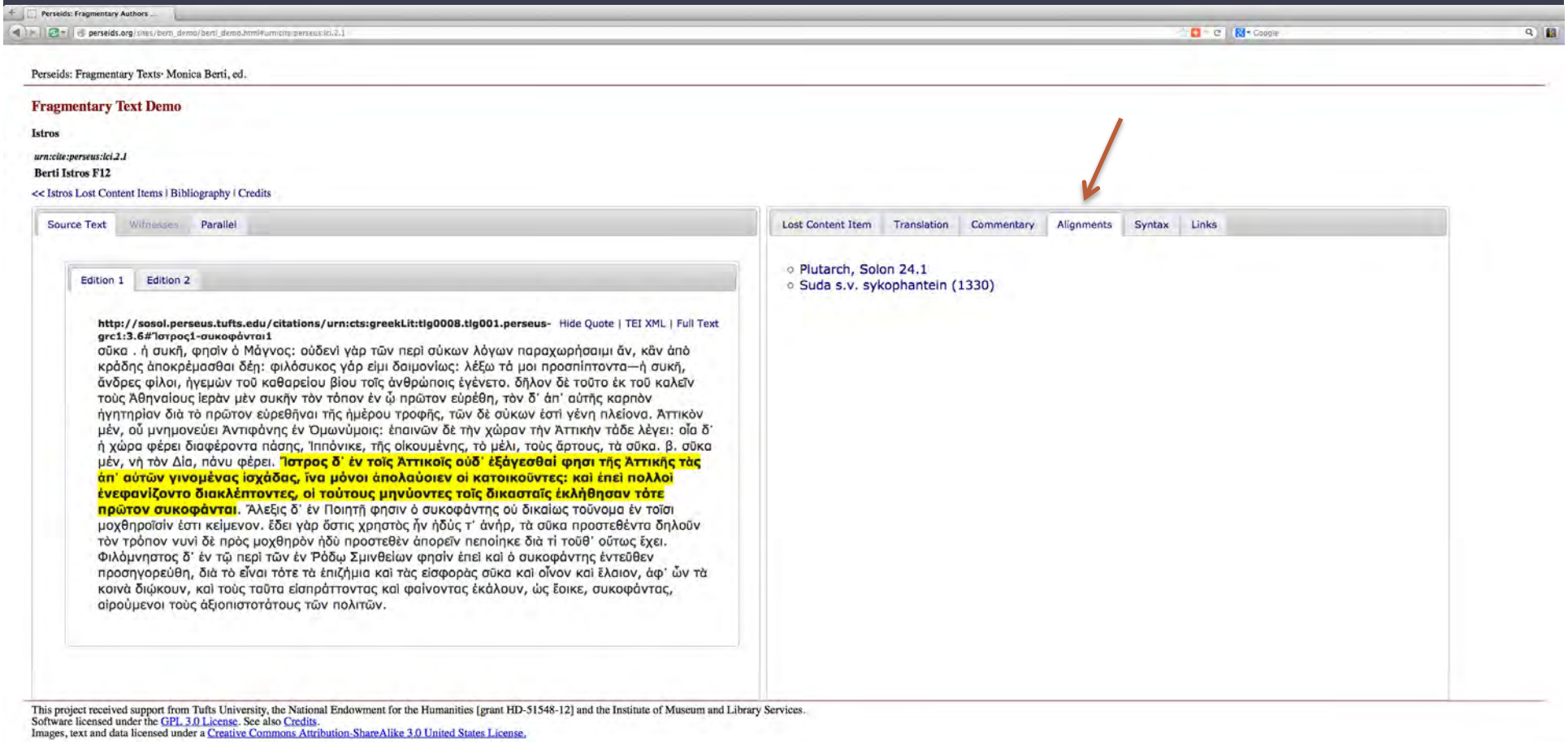

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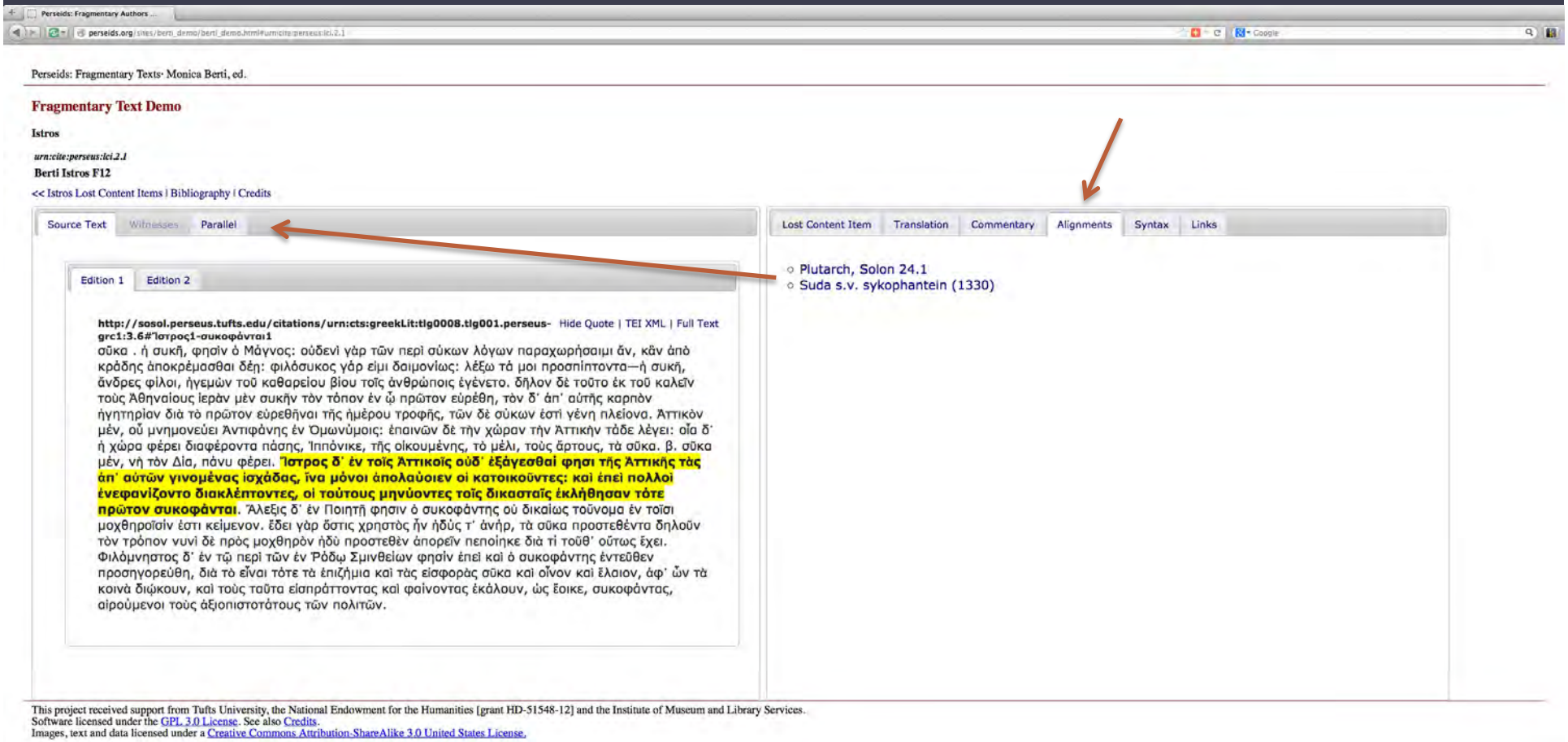

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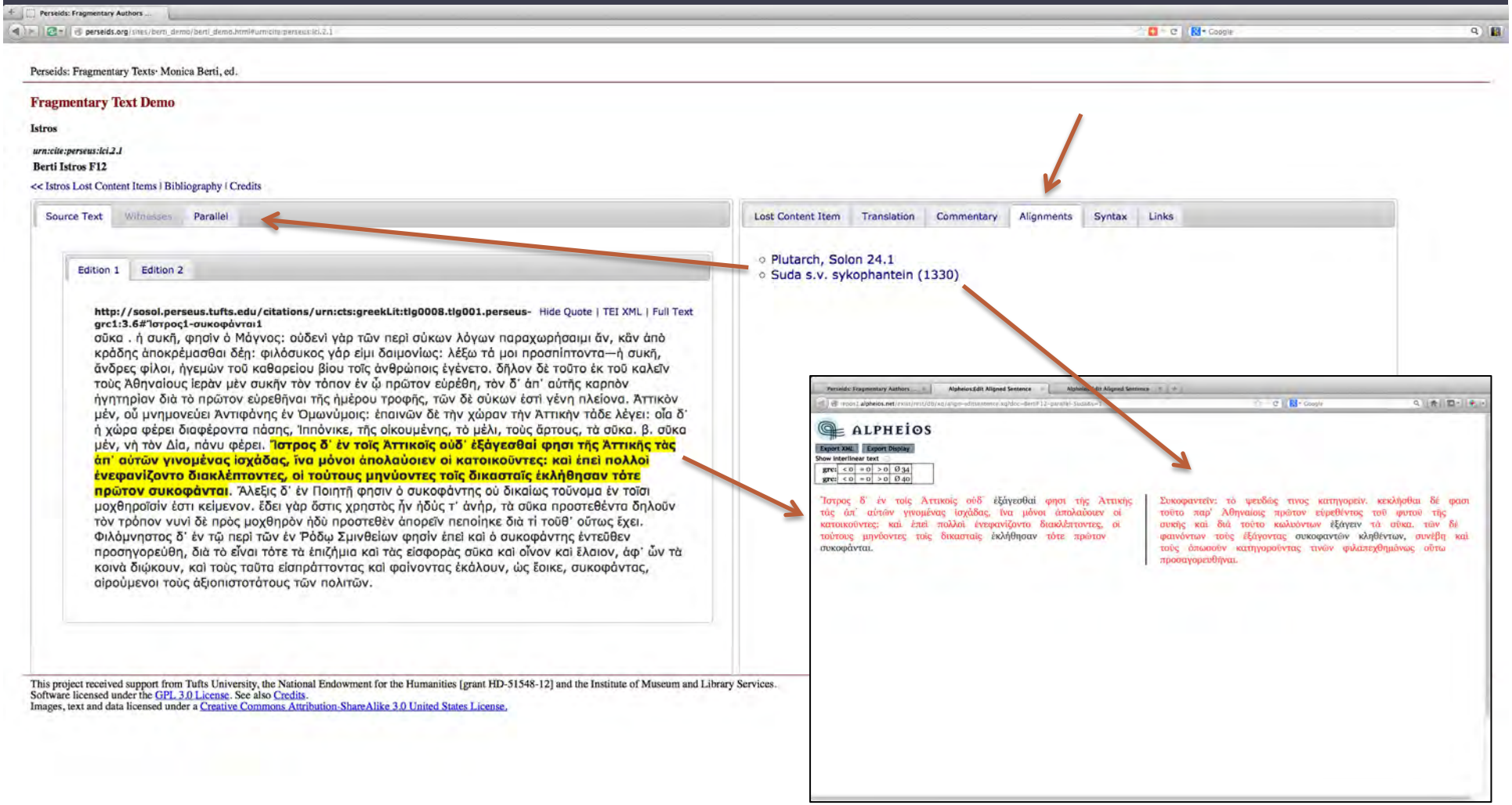

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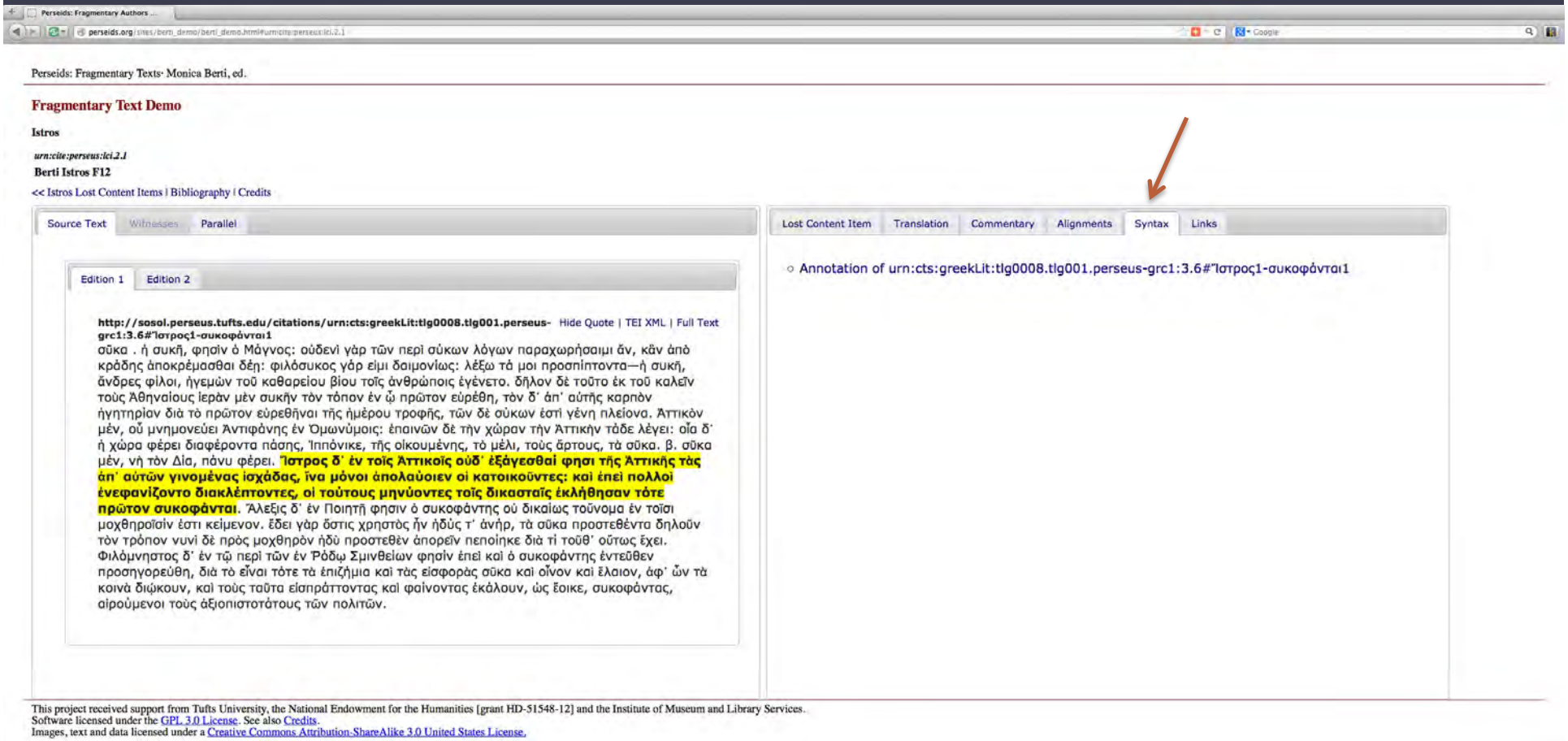

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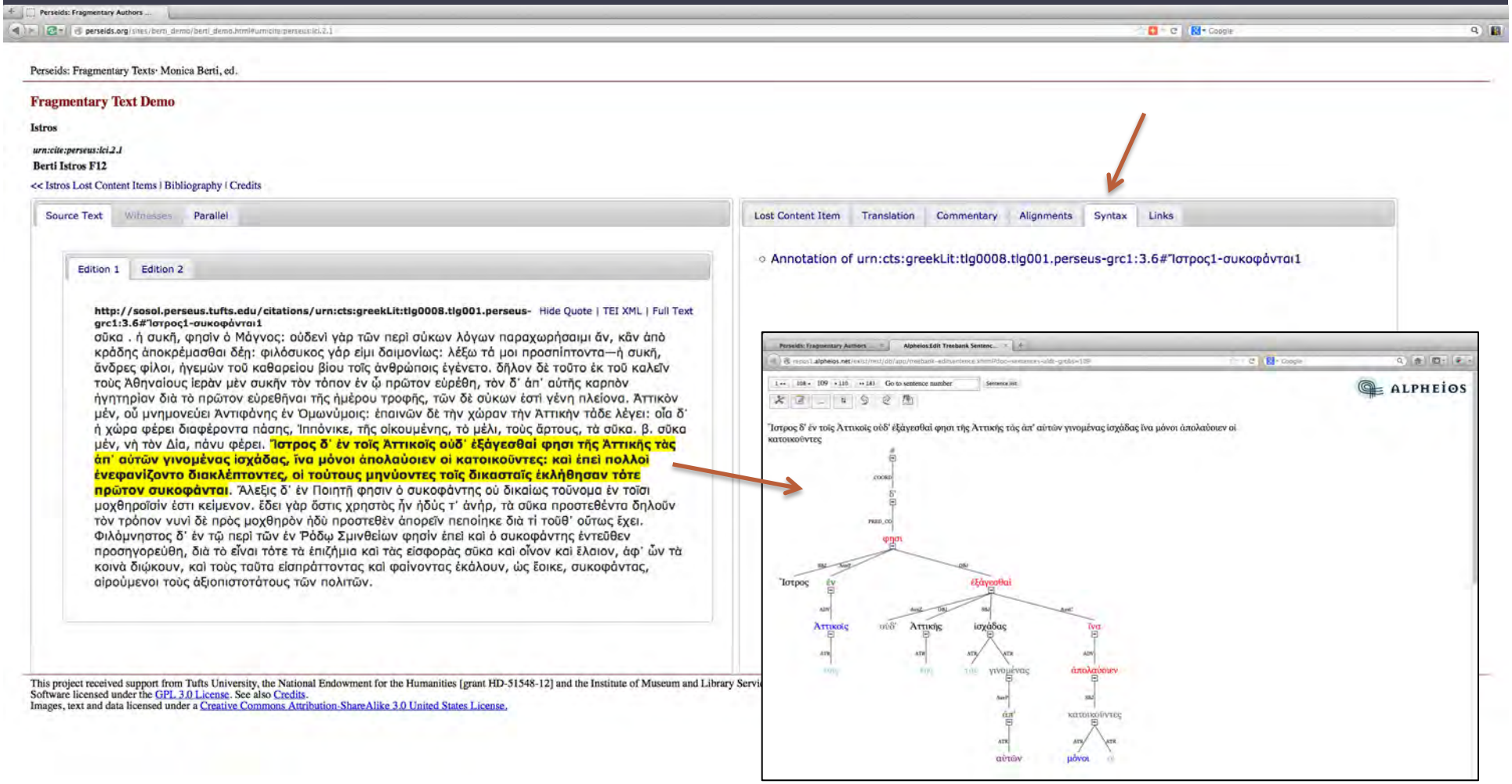

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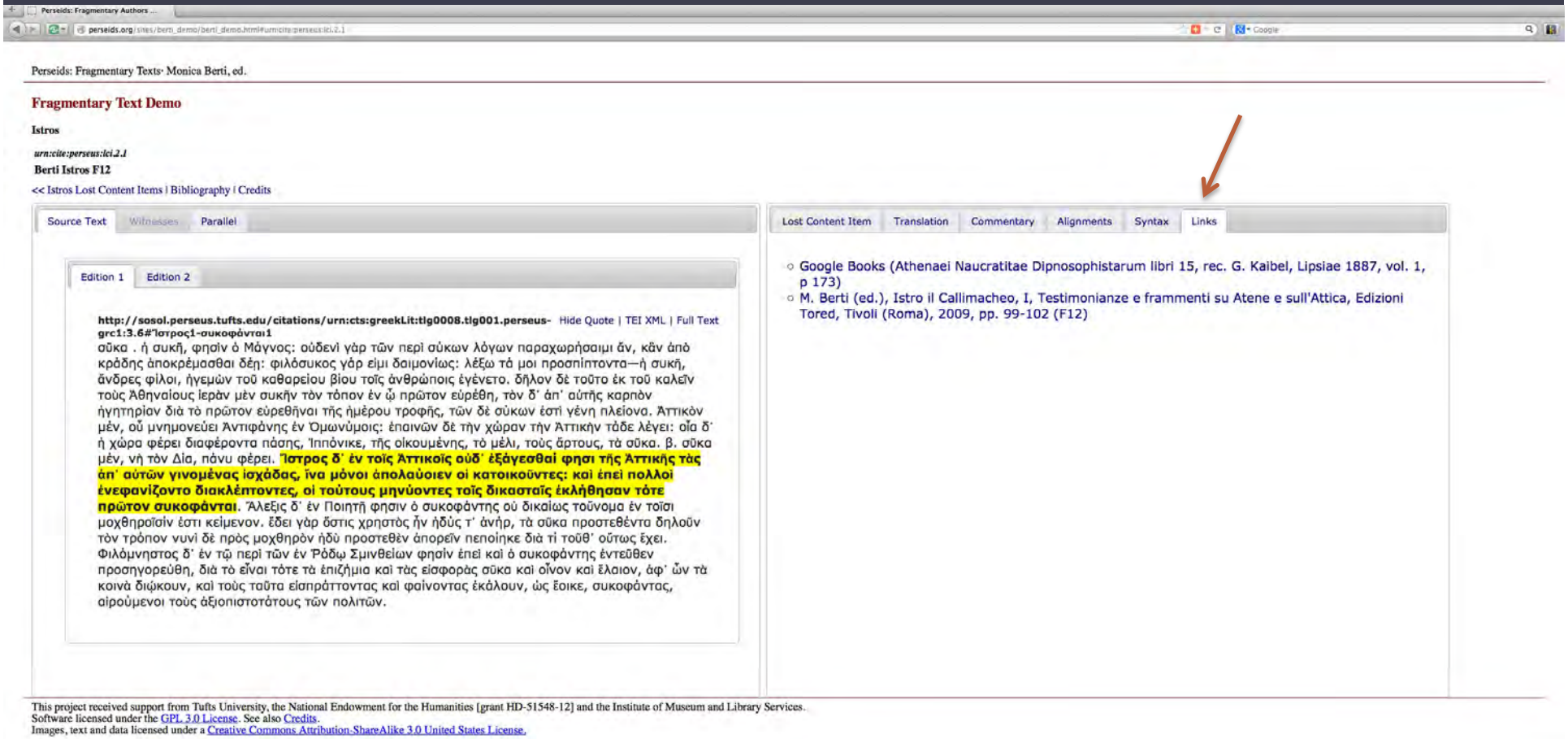

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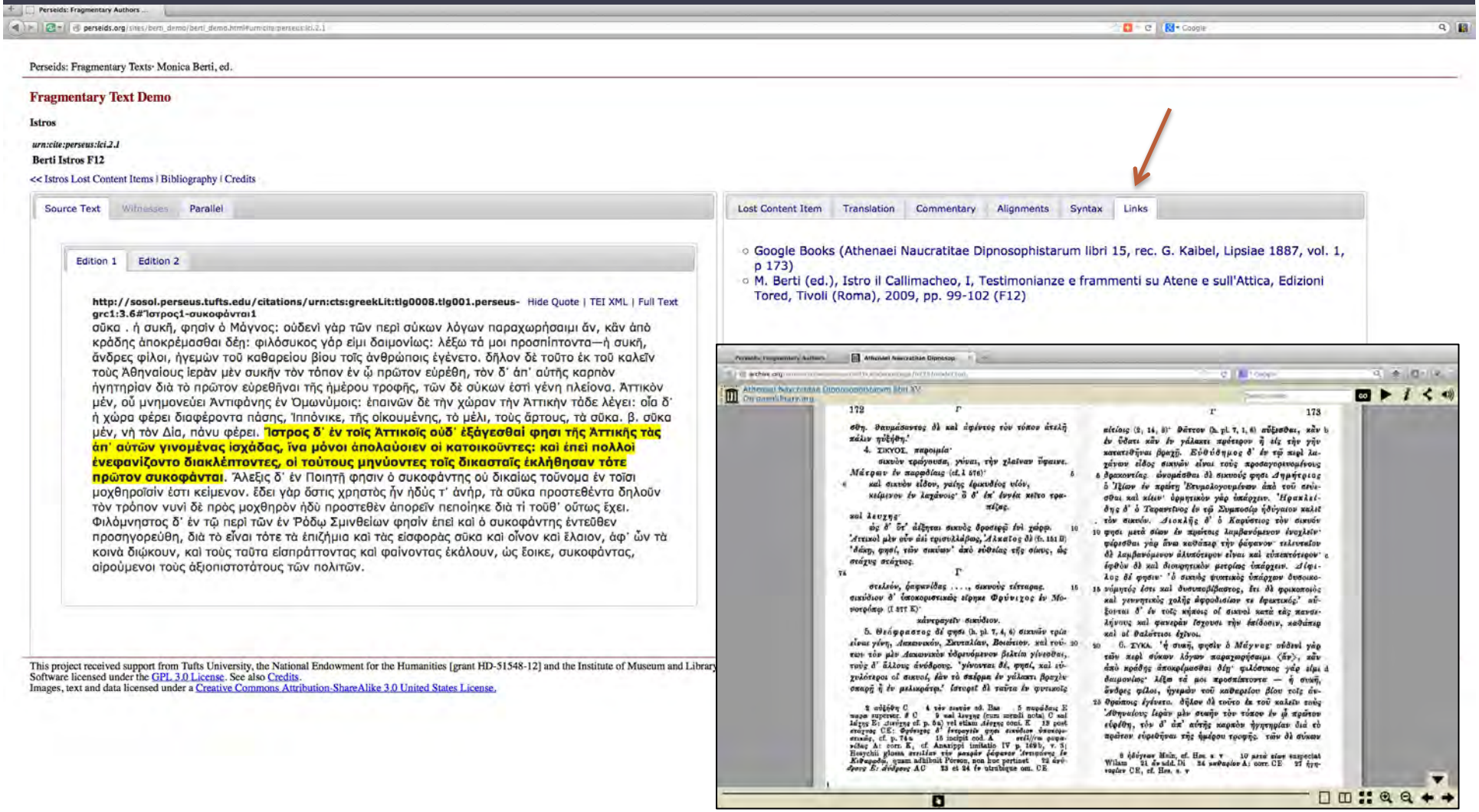

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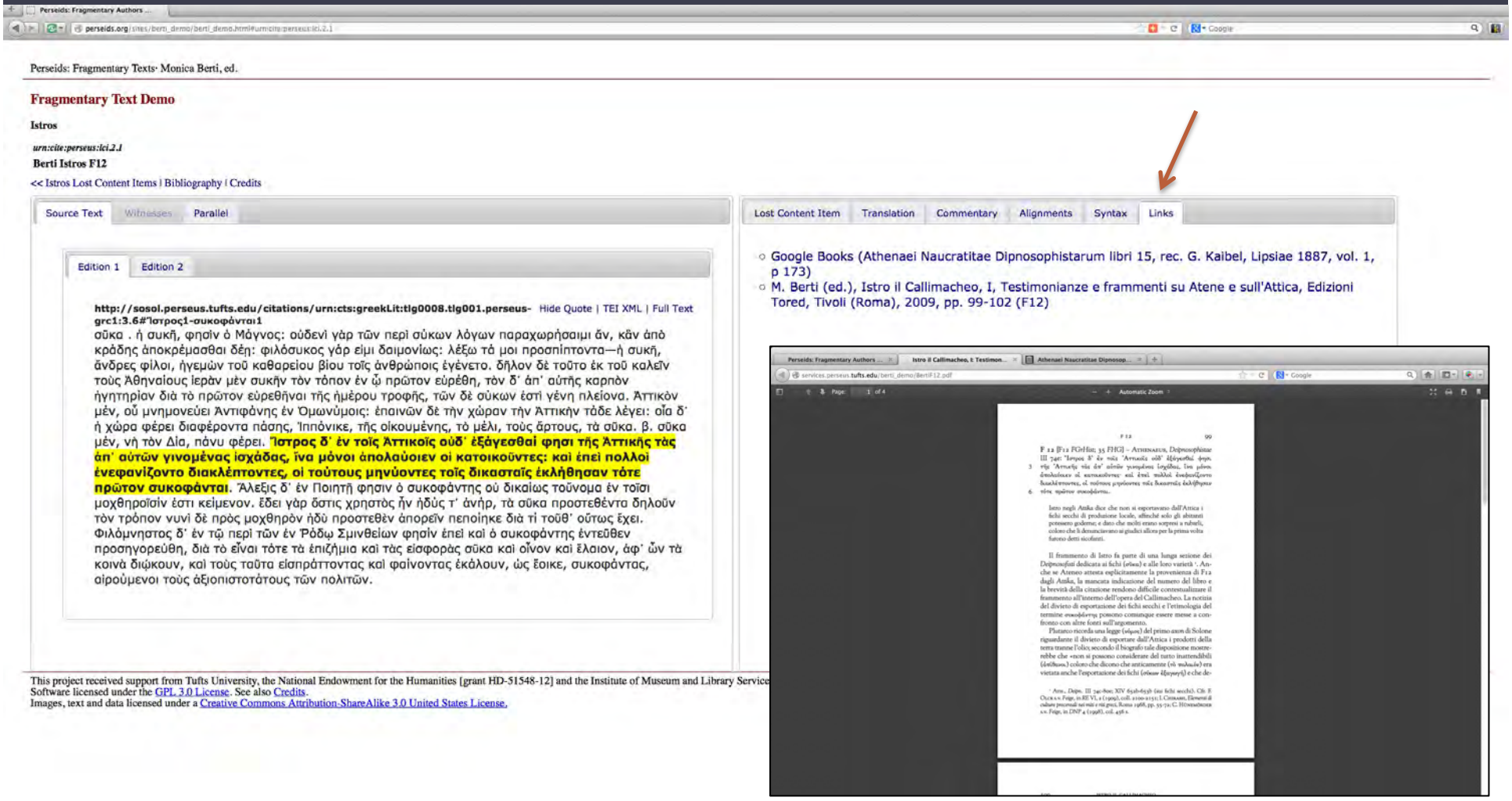

we are combining

TEI XML

Open Annotation Core (OAC) data model

CITE Architecture

to represent text re-uses of fragmentary authors
via RDF triples

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e.g. Athenaeus, *Deipnosophists* quotes the lost author Istros

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e.g. Athenaeus, *Deipnosophists* quotes the lost author Istros

this is the only citable evidence

Canonical Citations of Text Re-Uses of Fragmentary Authors (CTS/CITE Architecture)

e.g. Athenaeus, *Deipnosophists* quotes the lost author Istros

urn:cite:perseus:lci.2.1

quotes

urn:cts:greekLit:tlg0008.tlg001:3.74e#Ἴστρος[1]-συκοφάνται[1]

Canonical Citations of Text Re-Uses of Fragmentary Authors (CTS/CITE Architecture)

e.g. Athenaeus, *Deipnosophists* quotes the lost author Istros

CITE URN identifier:
edition of the text re-use

urn:cite:perseus:lci.2.1

quotes

urn:cts:greekLit:tlg0008.tlg001:3.74e#Ἴστρος[1]-συκοφάνται[1]

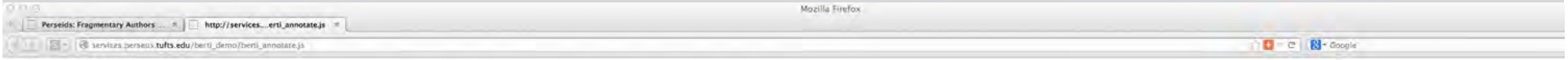
CTS URN identifier:
source text preserving the re-use

OAC Annotations in a JSON-LD data structure

Mozilla Firefox

Perseids: Fragmentary Authors ... | http://services....erti_annotate.js

services.perseus.tufts.edu/berti_demo/berti_annotate.js




```
var annotations = {
    "source" :
        [
            {
                "@context": "http://www.w3.org/ns/oa-context-20130208.json",
                "@id": "http://data.perseus.org/collections/urn:cite:perseus:annsimp.1.1",
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                "annotatedBy": {
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                        "@type": "foaf:Person",
                        "mbox": {
                        "@id": "mailto:monica.berti@tufts.edu"
                        },
                        "name": "Monica Berti"
                },
                "hasBody": "http://data.perseus.org/collections/urn:cite:perseus:lci.1",
                "hasTarget":  "http://sosol.perseus.tufts.edu/citations/urn:cts:greekLit:tlg0008.tlg001.perseus-grc1:6.103#á½3-á¼€Î½Ï„Î¹Î³ÏÎ±Ï†Î±á¿–Ï‚1",
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                "label" : "isQuotationOf"
            },
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                "annotatedBy": {
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                        },
                        "name": "Monica Berti"
                },
                "hasBody": "http://data.perseus.org/collections/urn:cite:perseus:lci.2",
                "hasTarget":  "http://sosol.perseus.tufts.edu/citations/urn:cts:greekLit:tlg0008.tlg001.perseus-grc1:3.6#á¼½ÏƒÏ„ÏÎ¿Ï‚1-ÏƒÏ…ÎºÎ¿Ï†Î¬Î½Ï„Î¬Î¹1"
            },
            {
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OAC Annotations in a JSON-LD data structure

Mozilla Firefox

Perseids: Fragmentary Authors ... | http://services....erti_annotate.js

services.perseus.tufts.edu/berti_demo/berti_annotate.js

hasBody
CITE object
(lost content item)

hasTarget
source text


```
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                "hasTarget":  "http://sosol.perseus.tufts.edu/citations/urn:cts:greekLit:tlg0008.tlg001.perseus-grc1:3.6#á¼½ÏƒÏ„ÏÎ¿Ï‚1-ÏƒÏ…Î¤Î¿Ï†Î¬Î½Ï„Î¬Î¹1"
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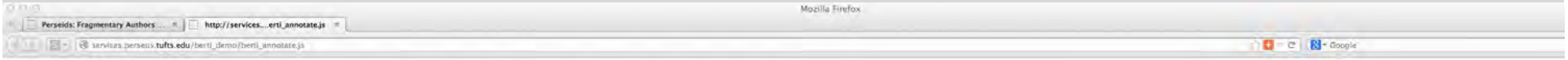


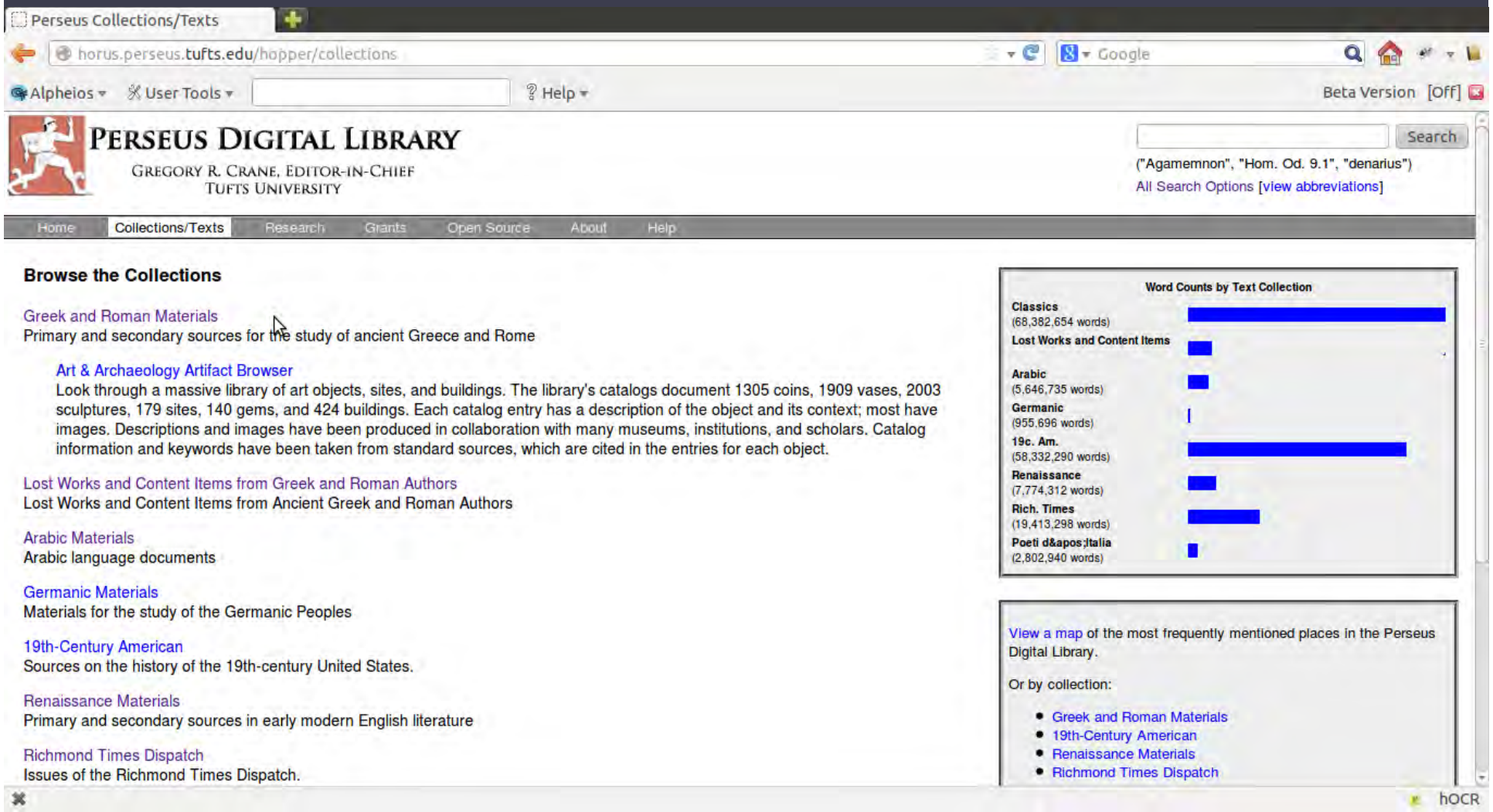
hasBody
CITE object
(lost content item)

oa:classifying
motivation of the annotations

hasTarget
source text

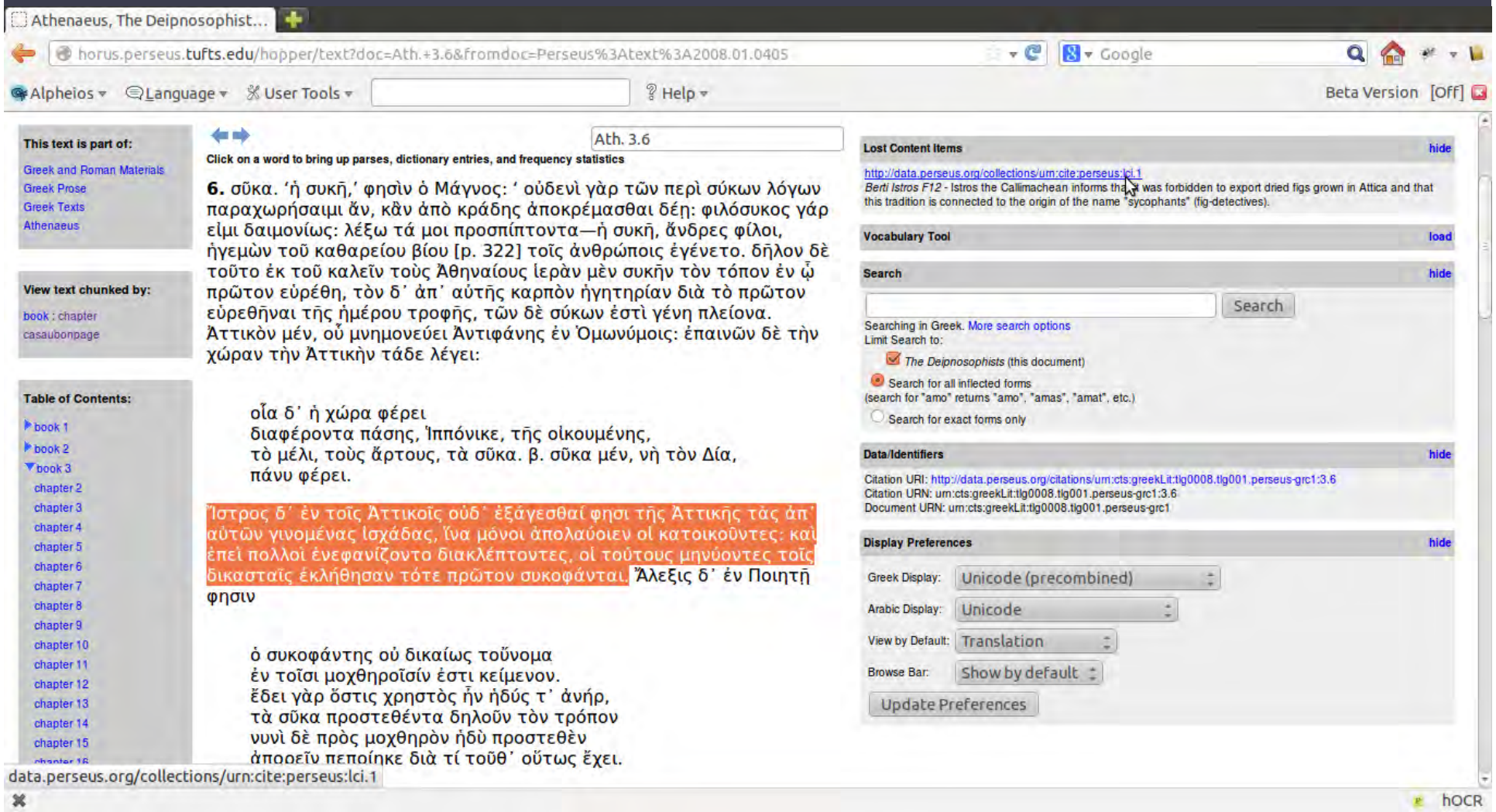
Bridget Almas & Monica Berti

Perseids Collaborative Plaform for Annotating Text Re-Uses of Fragmentary Authors



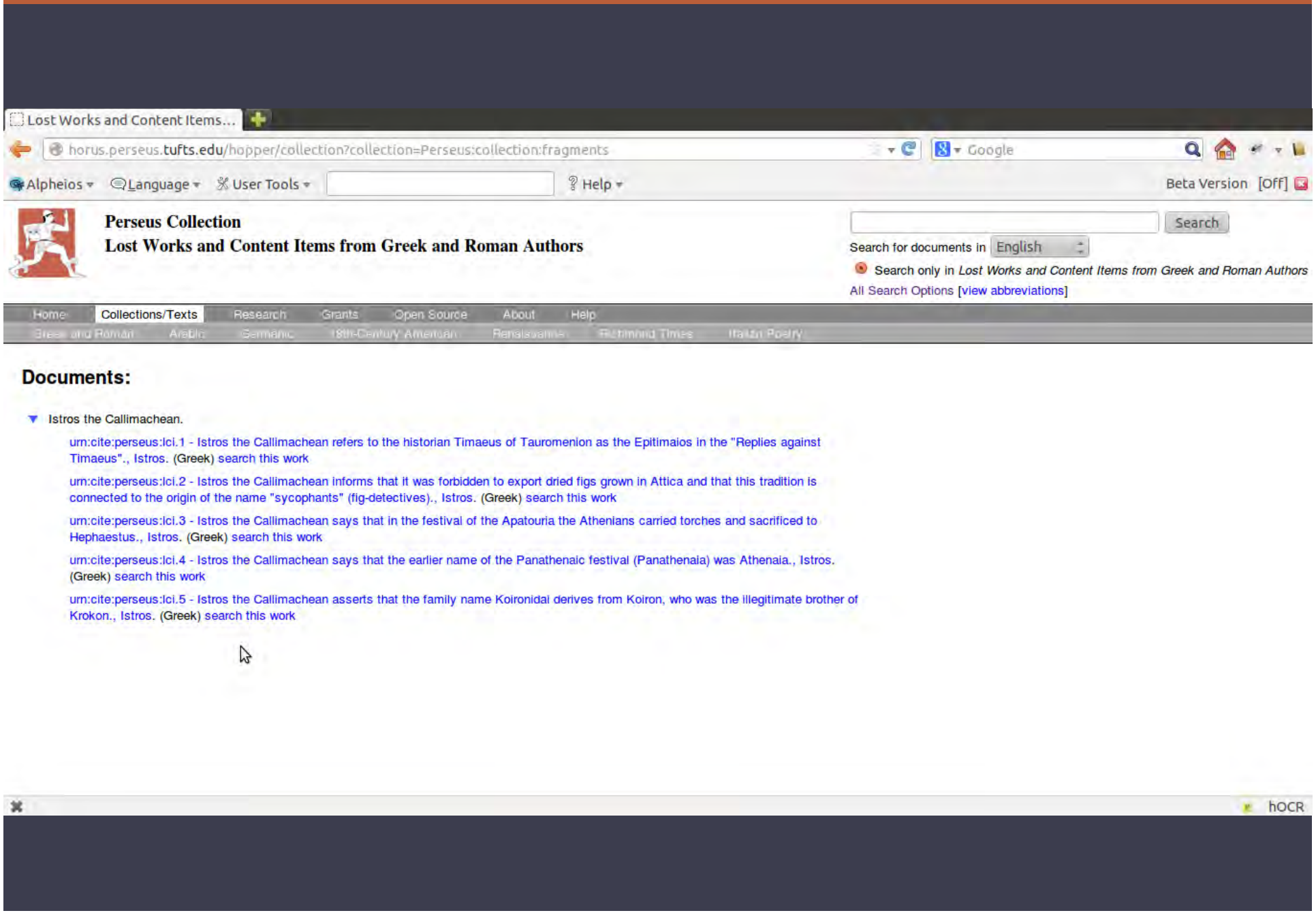
Bridget Almas & Monica Berti

Perseids Collaborative Plaform for Annotating Text Re-Uses of Fragmentary Authors



Bridget Almas & Monica Berti

Perseids Collaborative Plaform for Annotating Text Re-Uses of Fragmentary Authors



Credits

Alpheios

http://alpheios.net

CTS/CITE Architecture (Homer Multitext – CHS)

http://www.homermultitext.org/hmt-doc/cite/index.html

Perseus Digital Library

http://www.perseus.tufts.edu/hopper/

SoSOL (IDP/Papyri.info)

http://papyri.info