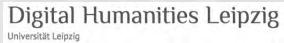
The Linked TEI: Text Encoding in the Web TEI Conference and Members Meeting 2013
Università di Roma Sapienza
October 2-5, 2013

#### **Bridget Almas & Monica Berti**











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#### ATHENAEUS

τοῖς ἀνθρώποις ἐγένετο. δῆλου δὲ τοῦτο ἐκ τοῦ καλεῖυ τοὺς ᾿Αθηναίους ἱερὰν μὲν συκῆν τὸν τόπον ἐν ῷ πρῶτον εὐρέθη, τὸν δ᾽ ἀπ᾽ αὐτῆς καρπὸν ἡγητηρίαν διὰ τὸ πρῶτον εὐρεθῆναι τῆς ἡμέρου τροφῆς, τῶν δὲ σύκων ἐστὶ γένη πλείονα. Αττικόν μέν, οὄ μπημονεύει ᾿Αντιφάνης ἐν Ὅμωνιμοις: ἐπαινῶν δὲ τῆν χώραν τὴν ᾿Αττικήν τάδε λέγει.

οΐα δ' ή χώρα φέρει , διαφέροντα πάσης, Ίππόνικε, τῆς οἰκουμένης, τὸ μέλι, τοὺς ἄρτους, τὰ σῦκα. Β. σῦκα μέν, νὴ τὸν Δία,

"Ιστρος δ' ἐν τοῖς 'Αττικοῖς οὐδ' ἐξάγεσθαί ψησι τῆς 'Αττικῆς τὰς ἀπ' αὐτῶν γωνομένας ἰσχάδας, ἴνα μόνοι ἀπολαίσιεν οἱ κατοικοῦντες· καὶ ἐπεἰ πολλοὶ ἐνεφανίζοντο διακλέπτοντες, οἱ τούτους μηνύοντες τοῖς δικασταῖς ἐκλήθησαν τότε πρῶτον συκοφάνται. "Αλεξις δ' ἐν Ποιητῆ ψησων

ό συκοφάντης οὐ δικαίως τοὕνομα

† ἐν τοῖσι μοχθηροῖσίν ἐστι κείμενον.

ἔδει γὰρ ὅστις χρηστός ἦν ἡδύς τ' ἀνήρ,

τὰ σῦκα προστεθέντα δηλοῦν τὸν τρόπον·

νυὶ δὲ πρὸς μοχθηρὸν ἡδὺ προστεθέν

ἀπορεῖν πεποίηκε διὰ τί τοῦθ' οὕτως ἔχει.

Φιλόμνηστος δ' εν τῷ περὶ τῶν εν 'Ρόδω Σμινθείων φησίν " έπεὶ καὶ ὁ συκοφάντης ἐντεῦθεν προσηγορεύθη, διὰ τὸ εἶναι τότε τὰ ἐπιζήμα καὶ τὸ τὰς εἰσφορὰς σῦκα καὶ οἶνον καὶ ἔλαιον, ἀφ ἄν τὰ κοινὰ διάκουν, καὶ τοὺς ταῦτα εἰσπράττοντας καὶ φαίνωτας ἐκάλουν, ὡς ἔοικε, συκοφάντας, αἰρούμενοι τοὺς ἀξωπιστοτάτους τῶν πολιτῶν." 322

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"Τοτρος δ' ἐν τοῖς 'Αττικοῖς οὐδ' ἐξάγεσθαί φησι τῆς 'Αττικῆς τὰς ἀπ' αὐτῶν γωνομένας Ισχάδας, μα μόνοι ἀπολαύοιεν οἱ κατοικοῦντες' καὶ ἐπεὶ πολλοὶ ἐνεφανίζοντο διακλέπτοντες, οἱ τούτους μηνύοντες τοῖς διακοταῖς ἐκλήθησαν τότε πρῶτον συκοφάνται. "Αλεξις δ' ἐν Ποιητῆ φησαν

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νυθ δὲ πρὸς μοχθηρὸν ἡδὺ προστεθέν

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#### ISTRI FRAGMENTA.

"Ιστρος έν πρώτω των Απόλλωνος έπιφανειών εί-

Fere eadem apud Phot., in Etym. M. et apud Suidam. In quattuor codd. Harpocrat. legitur dit cum Diana, eam non posse sagittam mittere ໂερεύς pro Ιεράς : sed Phot., Etym. M. et Suidas ad id, quod nigrum in mari videretur. Quæ uno consensu exhibent lepác.

Photii Lex.: Tprrriav Busiav ... Torpog bi iv μέν Άπολλωνος ἐπιφανείαις ἐκ βοών, αίγων, δών άββένων, πάντων τριετών

Plutarch, De musica t. III, p. 2081 Stephan., 1136 Francof.: Soterichus, qui contendit, Apollinem esse inventorem artis tibia et cithara canendi, ad suam sententiam probandam etiam hot affert :

Καὶ ή ἐν Δηλο δὰ τοῦ ἀγαλματος αὐτοῦ (τοῦ ᾿Απολλωνος) αφίδρυσις έχει έν μέν τη δεξιά τόξον, έν δέ τῆ ἀριστερὰ Χάριτας, τῶν τῆς μουσικῆς ὀργάνων εχάστην τι έχουσαν: ή μέν γάρ λύραν χρατεί, ή δέ αλλούς, ή δέ ἐν μέσφι προκειμένην έχει τῷ στόματι σύριγγα. "Ότι δ' ούτος οὐα έμὸς δ λόγος, "Αντικλής καί "Ιστρος έν ταϊς Επιφανείαις περί τούτων άφη-

Athen. III, 74, E: "Ιστρος δ' έν τοις 'Αττικοίς οὐδ' εξάγεσθαί φησι της 'Αττικής τὰς ἀπ' αὐτῶν γινομένας Ισχάδας, Ένα μόνοι ἀπολαύουν οἱ κατοικοῦντες και έπει πολλοί ένεφανίζοντο διακλέπτοντες, οί τούτους μηνύοντες τοῦς δικασταῖς ἐκλήθησαν τότε πρώ-

Hygin. Astron. II, 40 : . Ister et complures dixerunt, Coronida Phlegyæ filiam fuisse : hanc antem ex Apolline Æsculapium procreasse, sed postea Ischyn, Elati filium, cum ea concubuisse. »

Idem II, 34: . Ister dicit Oriona a Diana esse | terat.

Θαργηλίοις αγόμενα τούτων απομιμήματά έστιν, | dilectum, et pæne factum, ut ei nupsisse existimaretur. Quod quum Apollo ægre ferret, et sæpe eam objurgans nihil egisset, natantis Orionis longe caput solum videri conspicatus, contenquum se vellet in eo studio maxime artificem dici, sagitta missa caput Orionis trajecit. Itaque eum quum fluctus interfectum ad litus ejecisset, et se eum Diana percussisse plurimum doleret, multis ejus obitum prosecuta lacrimis inter sidera statuisse existimatur.

#### HTOAEMAIE.

Athen. X, p. 478, B: "Ιστρος δ Καλλιμάχειος έν πρώτω Πτολεμαίδος, της έν Αιγύπτω πόλεως, γρά-σει ούτως « Κυλίχων Κονωνίων ζεύγος, και θηρικλείων χρυσακλύστων ζεύγος.»

#### AIFTHTION AROIKIAL

Constantin. Porphyrog. De themat. lib. I, p. 13 Scriptor. Byzant. tom. V, ed. Ven. : Κύπρος ἐκλήθη ἀπὸ Κύπρου τῆς θυγατρὸς Κινύρου, ἢ τῆς Βιδλου και Άφροδίτης, ώς Φιλοστέφανος έν τῷ περὶ νήσων καί "Ιστρος έν ἀποικίαις Αίγυπτίων Ιστόρησαν.

Clemens Alex. Strom. I, p. 322, C, de Iside, quæ et Io dicta sit, addit : Ταύτην δὲ Ίστρος έν τῷ περί τῆς Αίγυπτίων ἀποικίας Προμηθέως θυγα-

Eademin African. Exc. in Scalig. Thes. tempp. p. 359 leguntur, nisi quod ly roic rapl 'Aly. drosκίας pro έν τῷ πιρί Αίγ. ibi scriptum est. Operis titulus in utroque loco corrupte exhibetur : neque pars bujus operis illo modo significari po-

obrutus, hujusque rei esse imitamenta, que in Thargellis | apud judices deferebant , tum primum sycophantes (Aagantur, Ister tradit libro primo Apparitionum Apollinis. | cuum indices) esse nominatos. 24.

8acrificium trifarium. Ister in Apollinis apparitionibus id constare dicit ex bobus, capris et suibus masculis, trimis omnibus.

Simulacrum Apolinia in Delo positum in dextra manu arcum, leva Graties habet, quarum quavris ali-quod musicum instrumentum tenet; lyram una, alia tibias, media istulam ori admontam. Neque meus est hic sermo; sed Anticles et Ister in tibris quos de Apparltio-

Ister in Atticis ait vetitam fuisse Atticas exportare caricas, ut soli indigenæ iis vescerentur : quum vero multi furtim evenentes deprehenderentur , qui horum nomina

38.

Ister Callimachius, primo libro de Ptolemaide, Ægypti oppido, ita scribit : « Calicum Cononlorum par, et Thericleorum par aureis operculis clausorum.»

#### ÆGYPTIORUM COLONIÆ.

Cyprus nomen accepit a Cypro filia Cinyme vel Bibli et Veneris, ut Philostephanos in libro de Insulis et Ister in libro de Ægyptiorum coloniis narrent.

Ister in libro De colonia Ægyptiorum, dicit Io vel

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τοις ανθρώποις έγένετο. δήλον δέ τοῦτο έκ τοῦ καλείν τους 'Αθηναίους ίεραν μέν συκήν του τόπον εν ζό πρώτον εύρέθη, του δ' ἀπ' αυτής καρπόν ήγητηρίαν διά το πρώτον εύρεθηναι της ήμέρου τροφής. των δε σύκων έστι γένη πλείονα. κου μέν, οδ μνημουεύει 'Αντιφάνης εν 'Ομωνύμοις: επαινών δε την χώραν την 'Αττικήν τάδε λέγει'

οία δ' ή χώρα φέρει διαφέροντα πάσης, Ίππόνικε, της οἰκουμένης, τὸ μέλι, τους άρτους, τὰ σῦκα. Β. σῦκα μέν, νή

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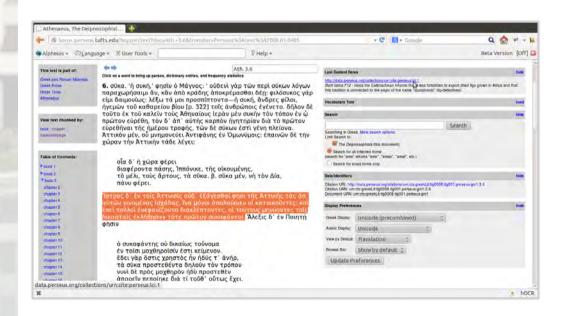
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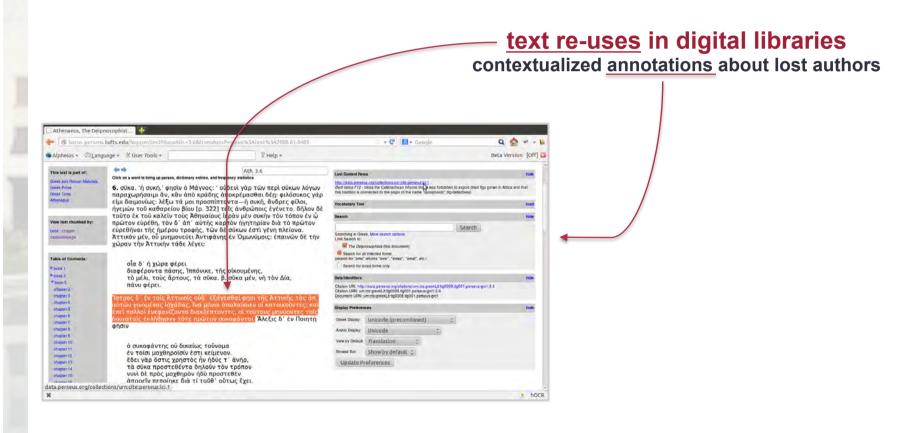
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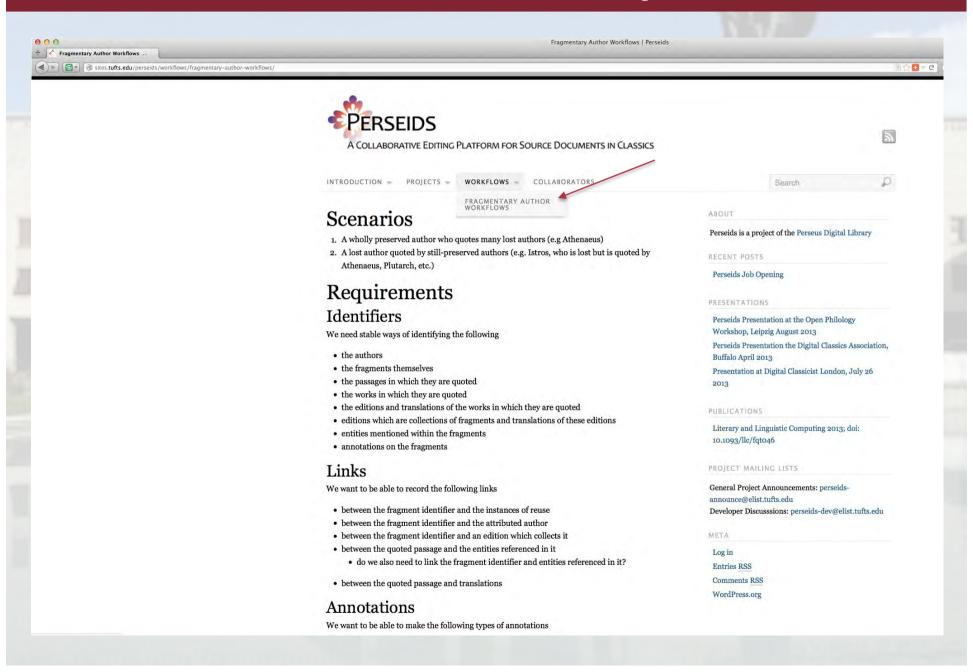


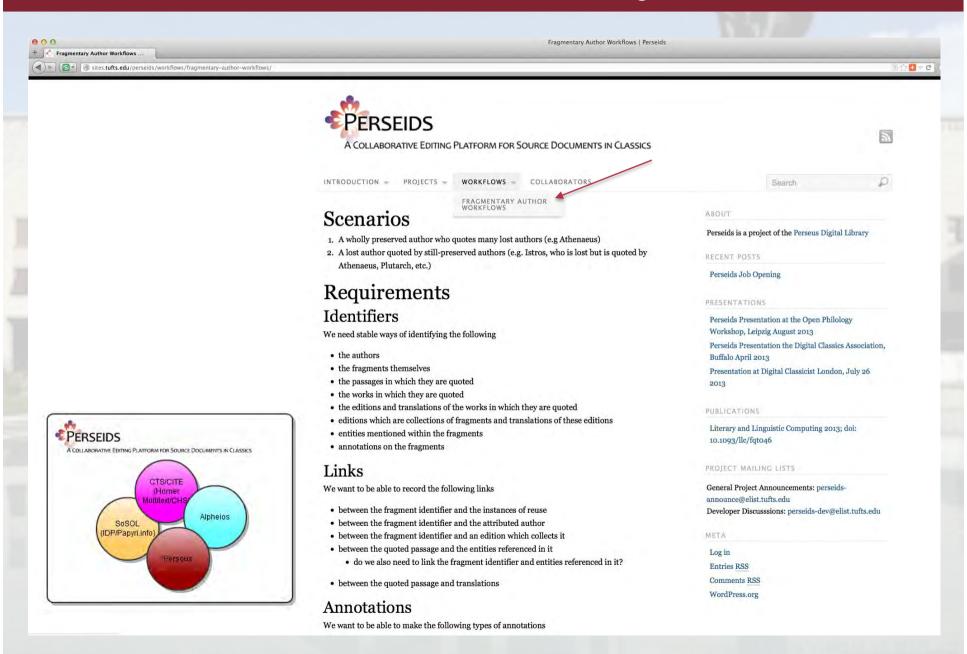
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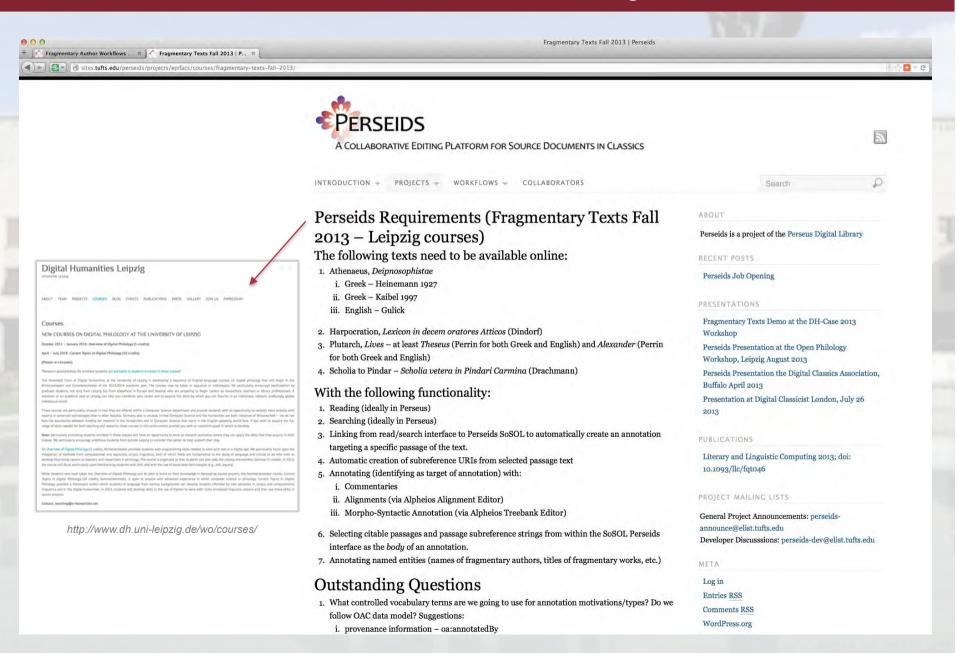
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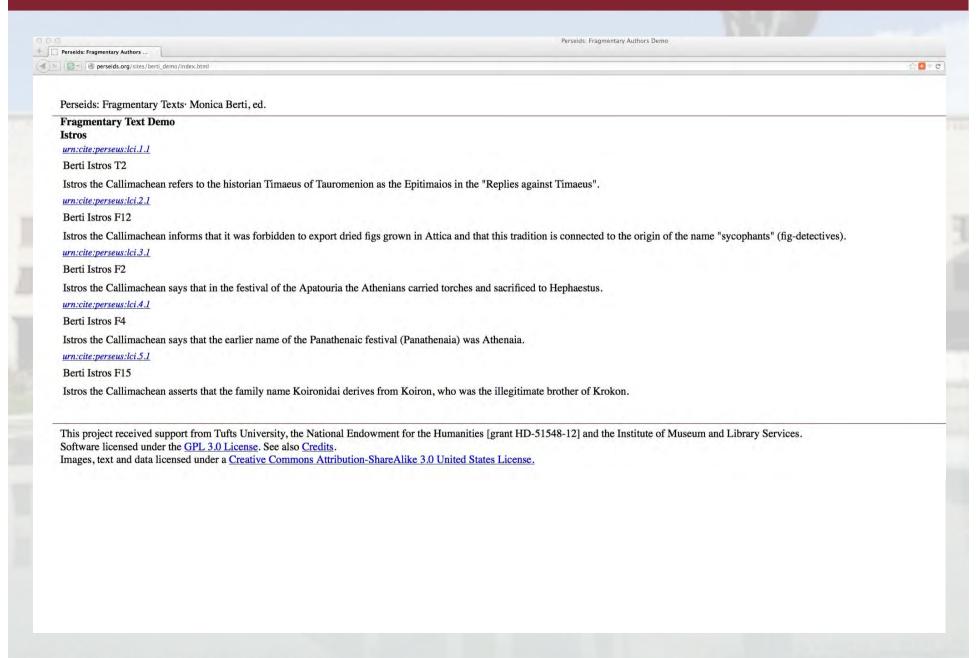
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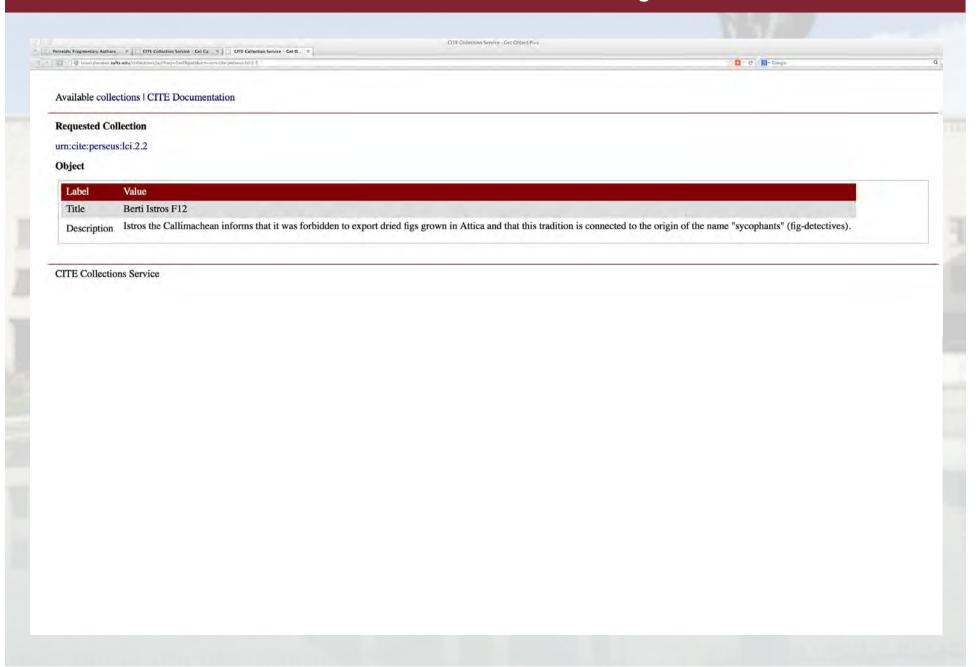


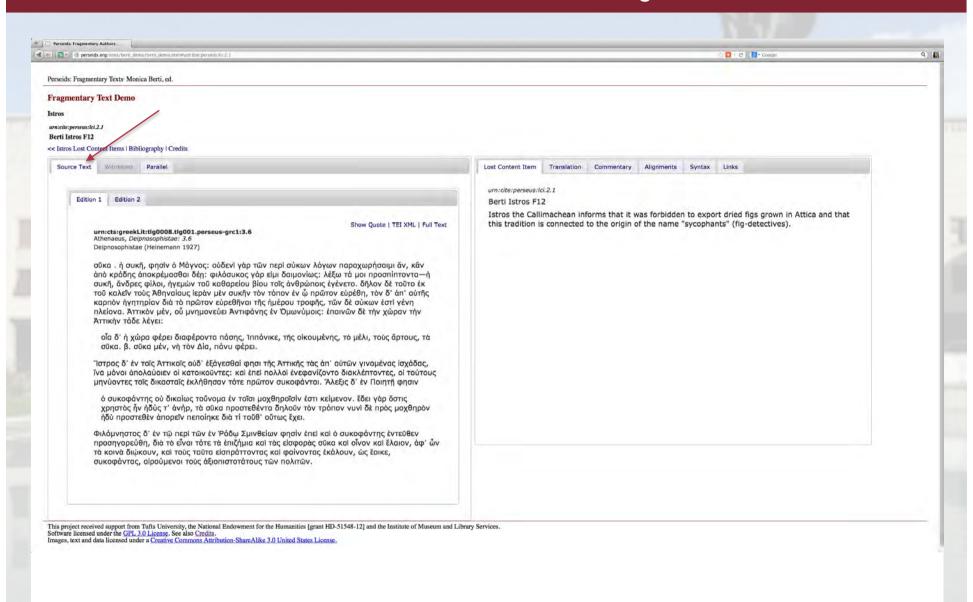


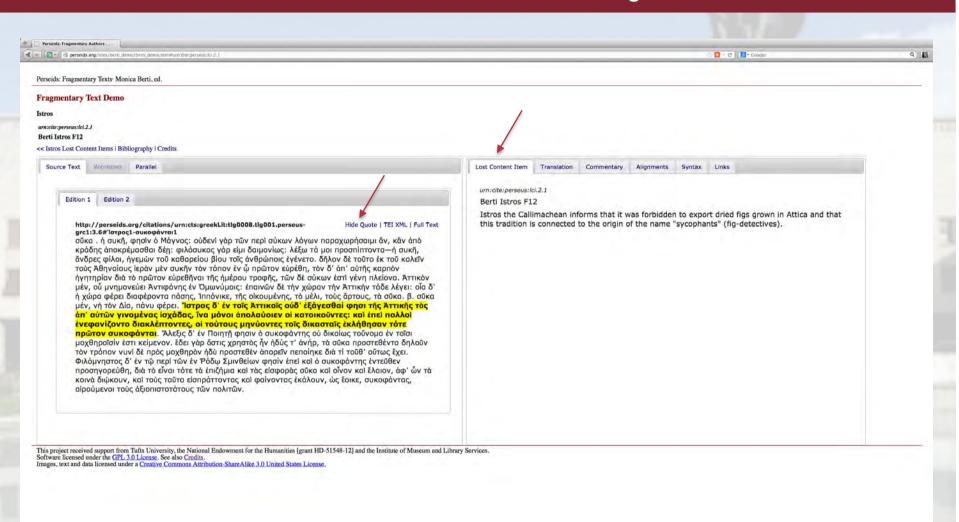


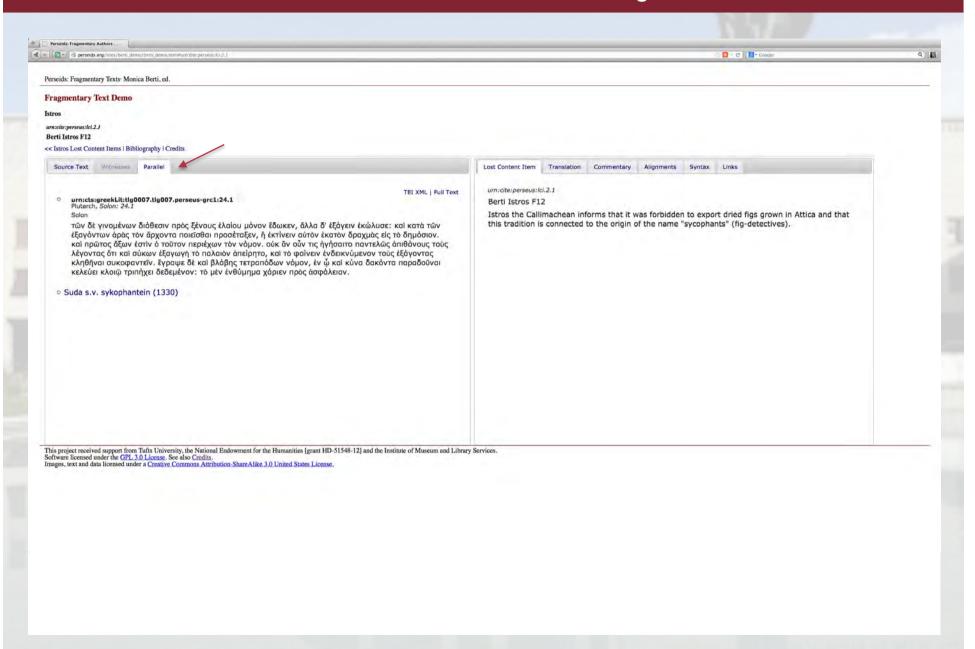


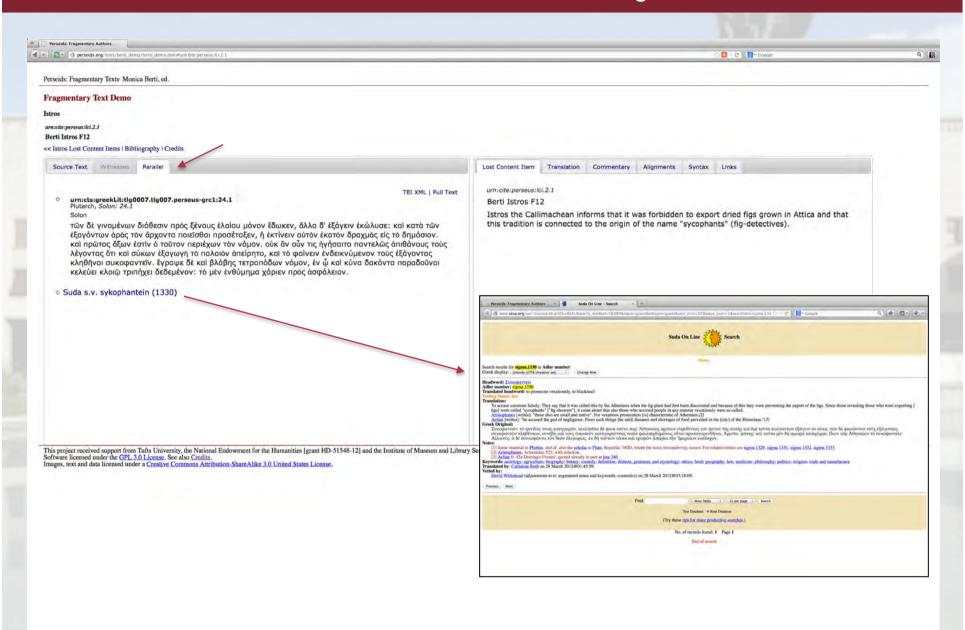


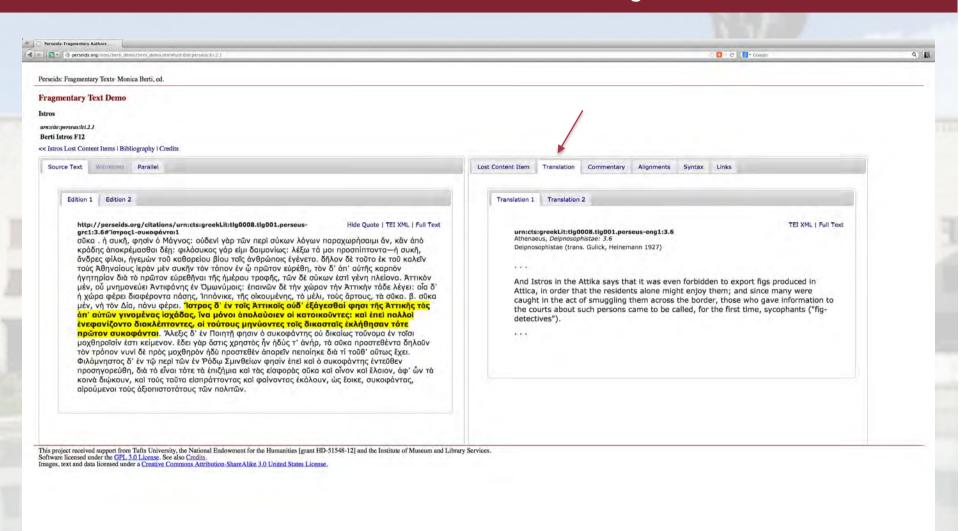


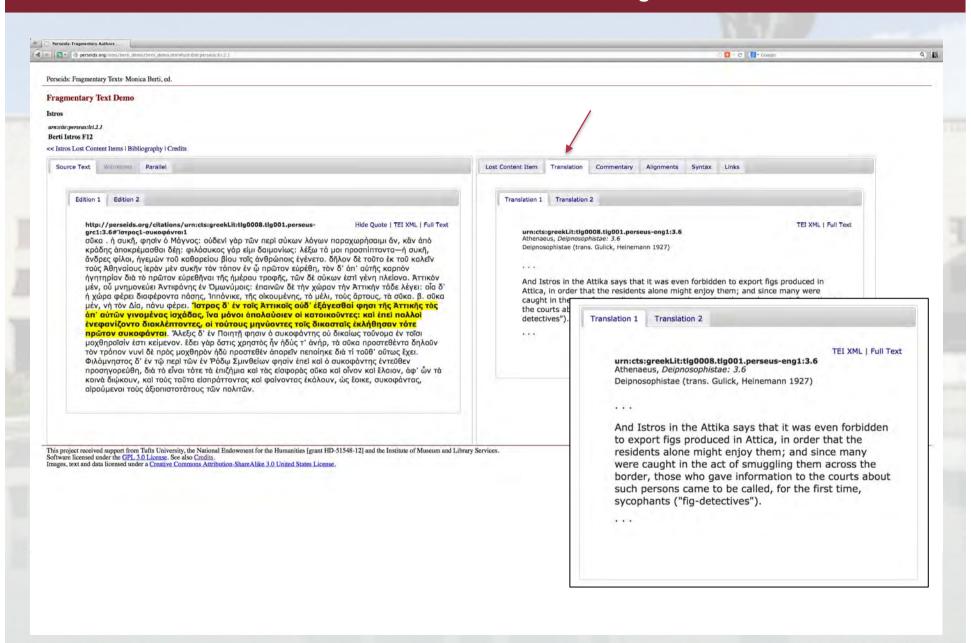


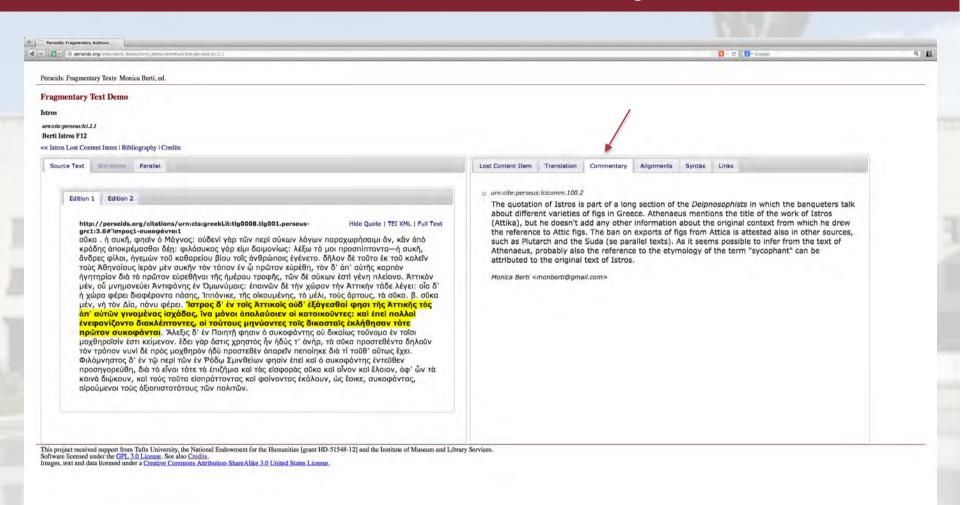


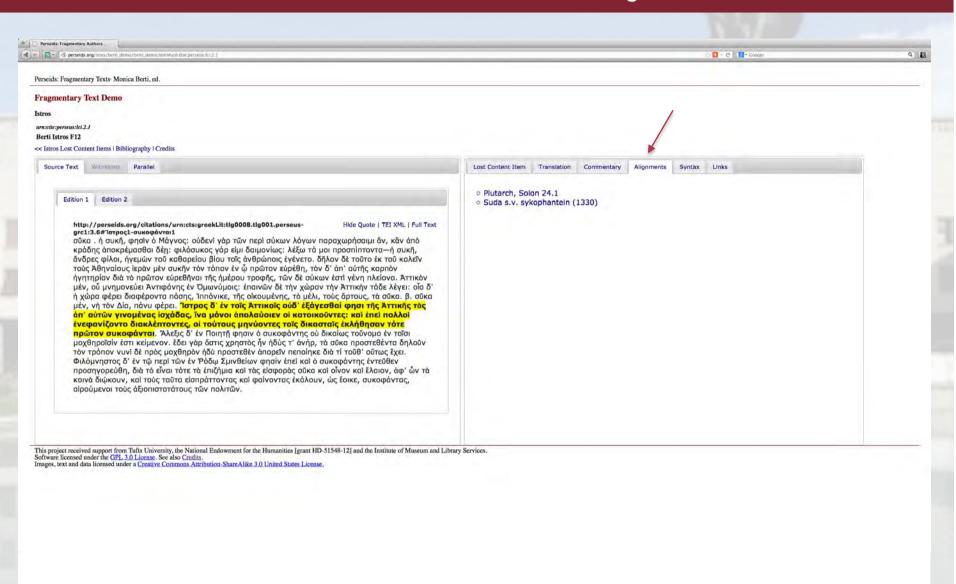


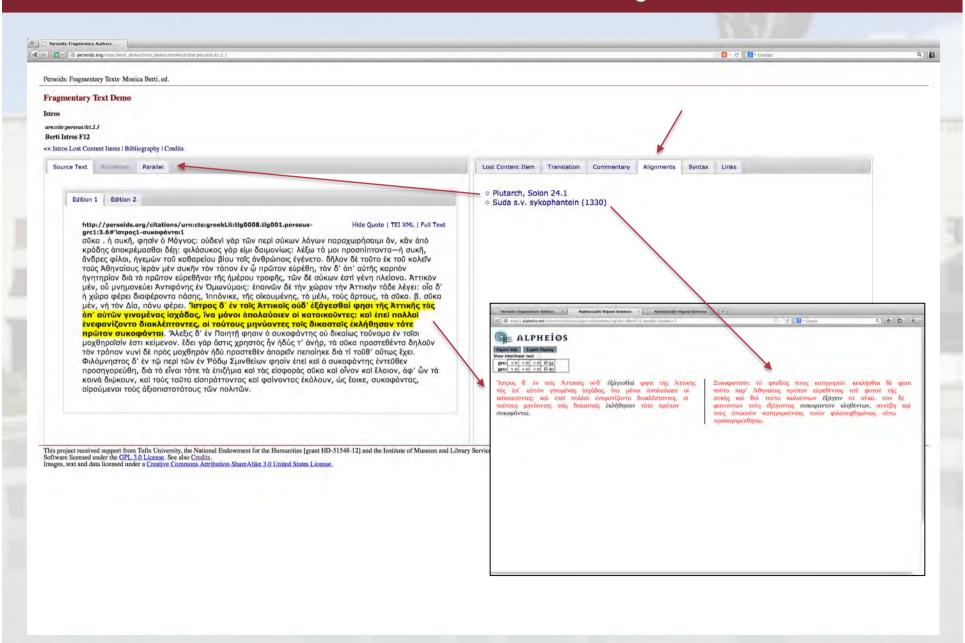


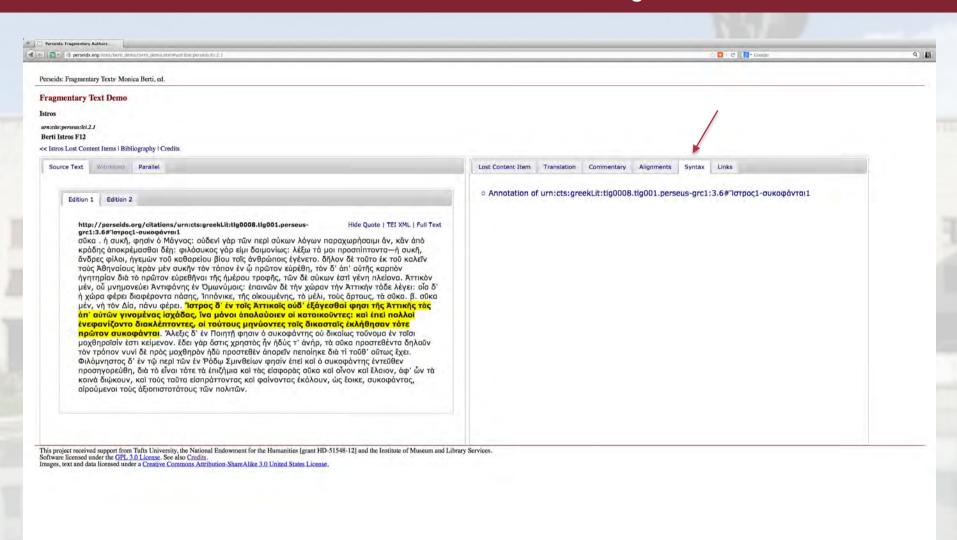


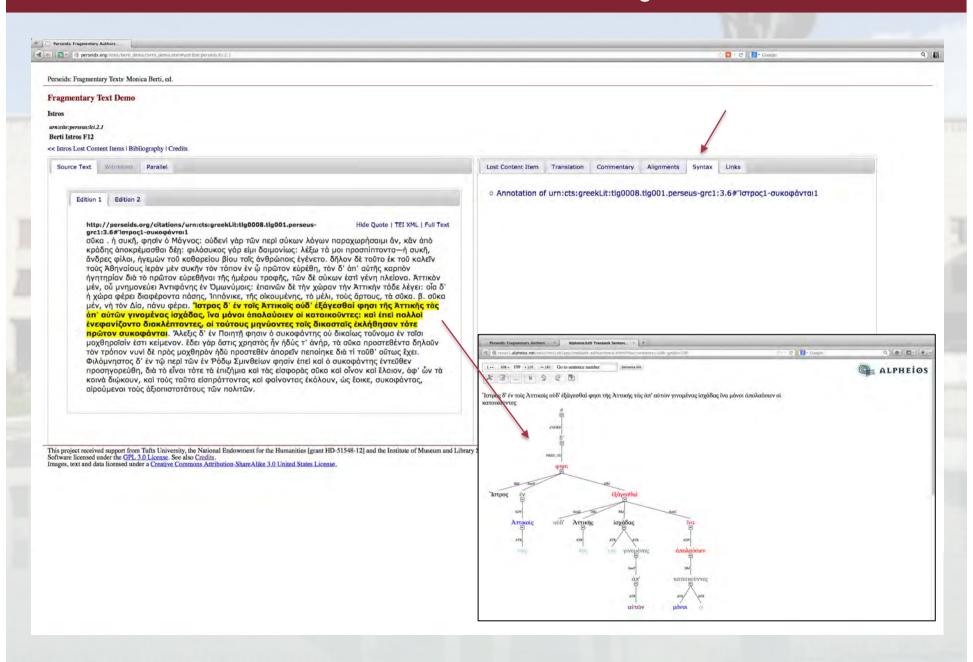


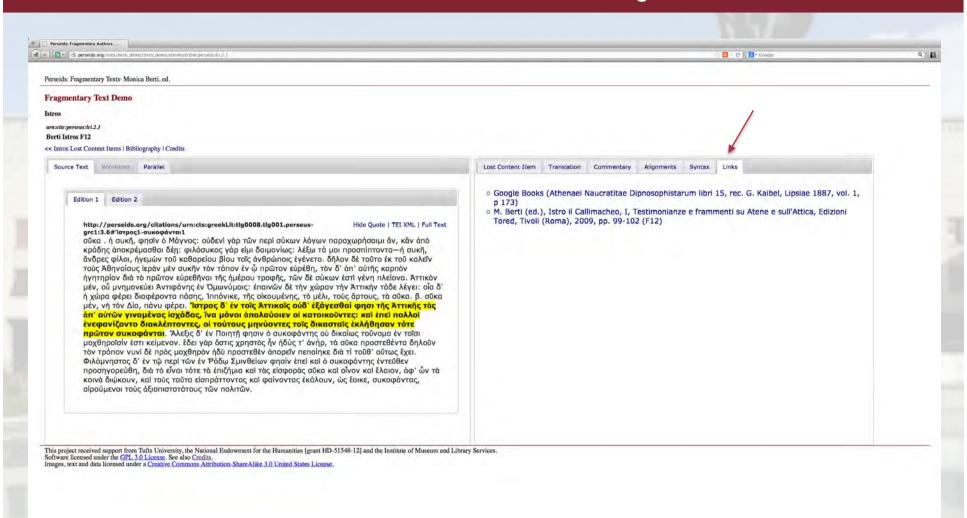


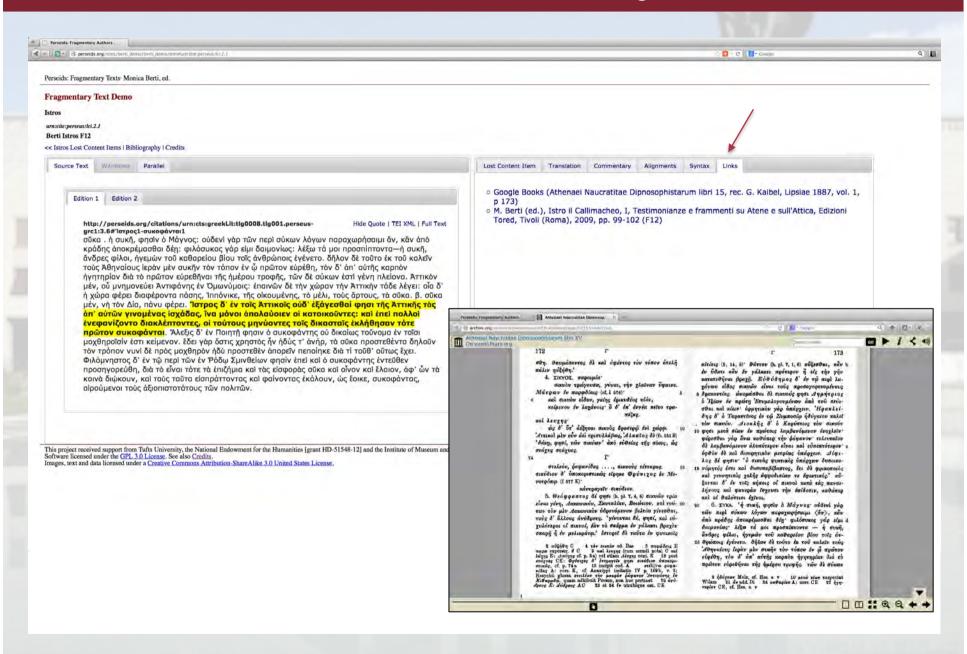


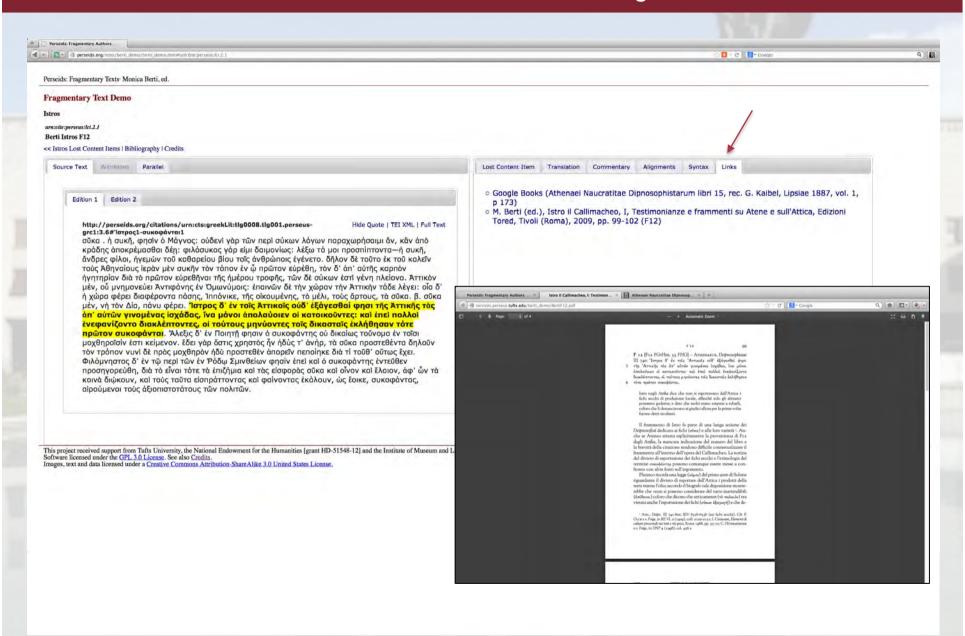












#### we are combining

#### **TEI XML**

Open Annotation Core (OAC) data model CITE Architecture

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

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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# Ίστρος[1]-συκοφάνται[1]

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CITE URN identifier: edition of the text re-use

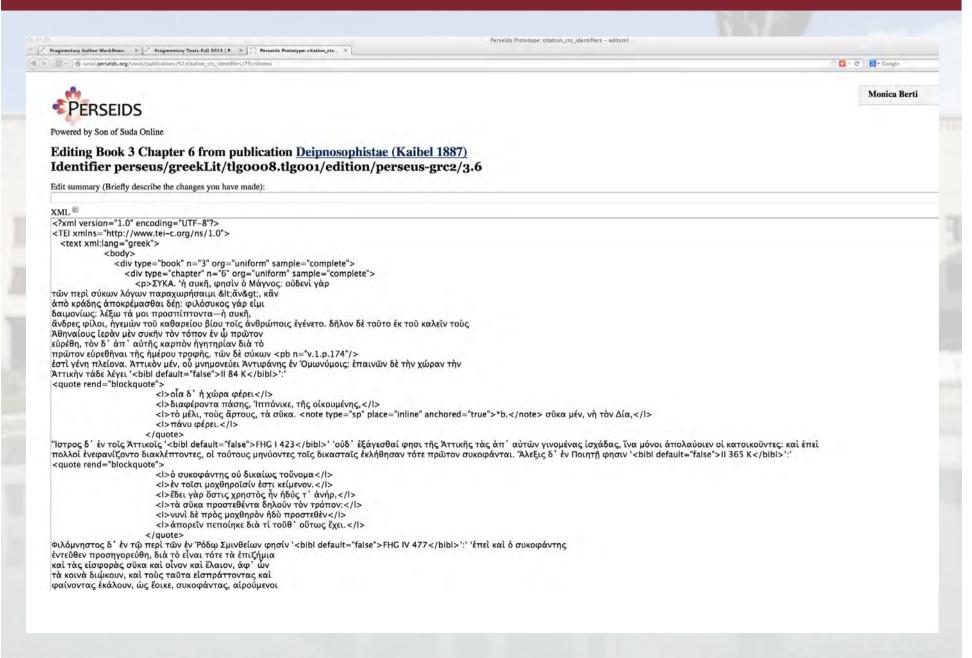
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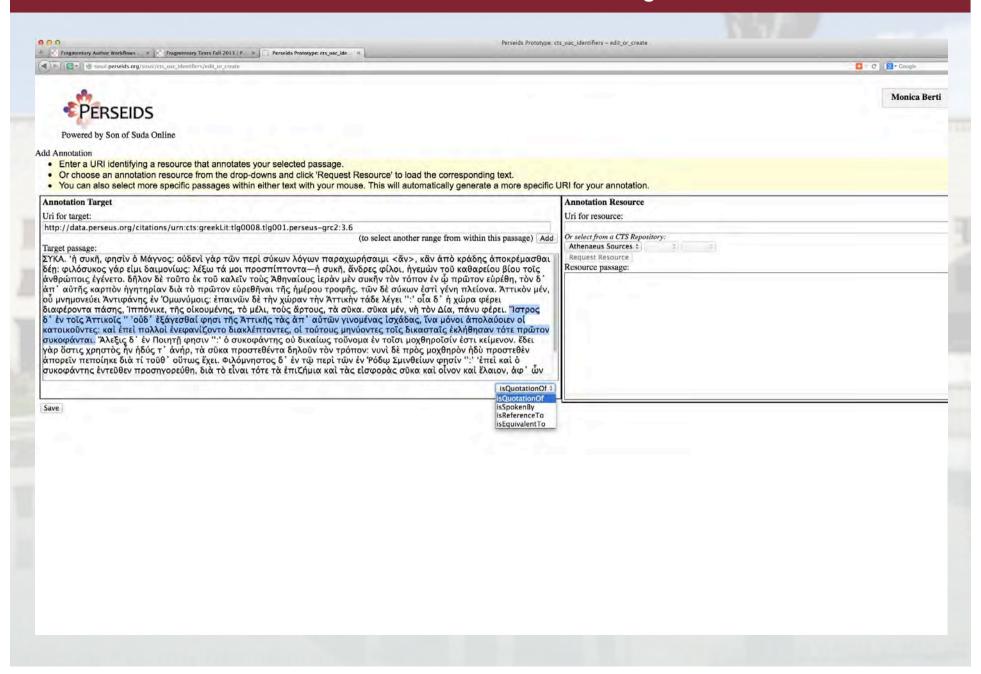
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urn:cts:greekLit:tlg0008.tlg001:3.74e# Ίστρος[1]-συκοφάνται[1]

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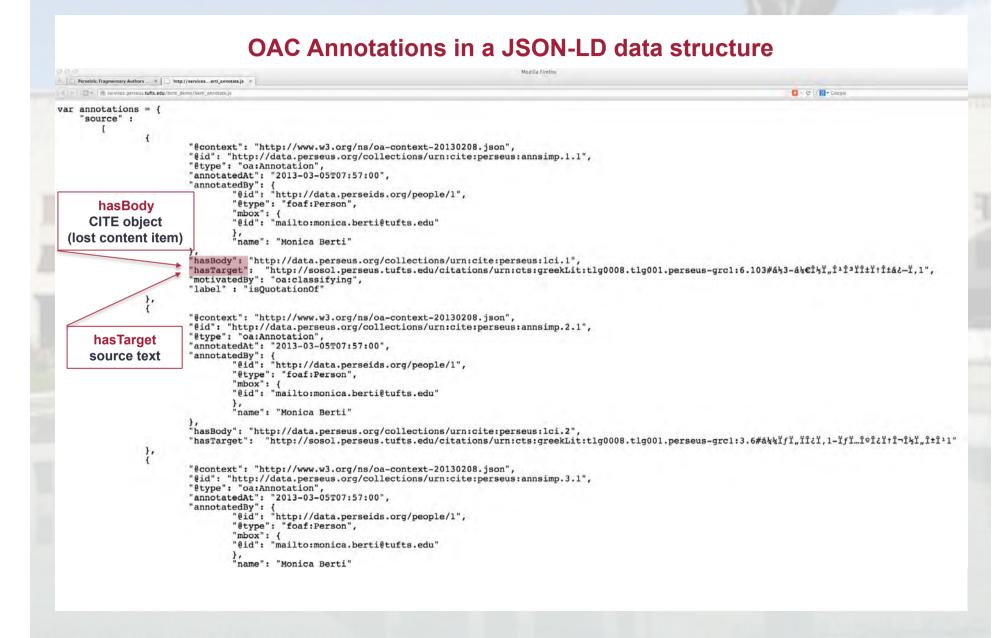
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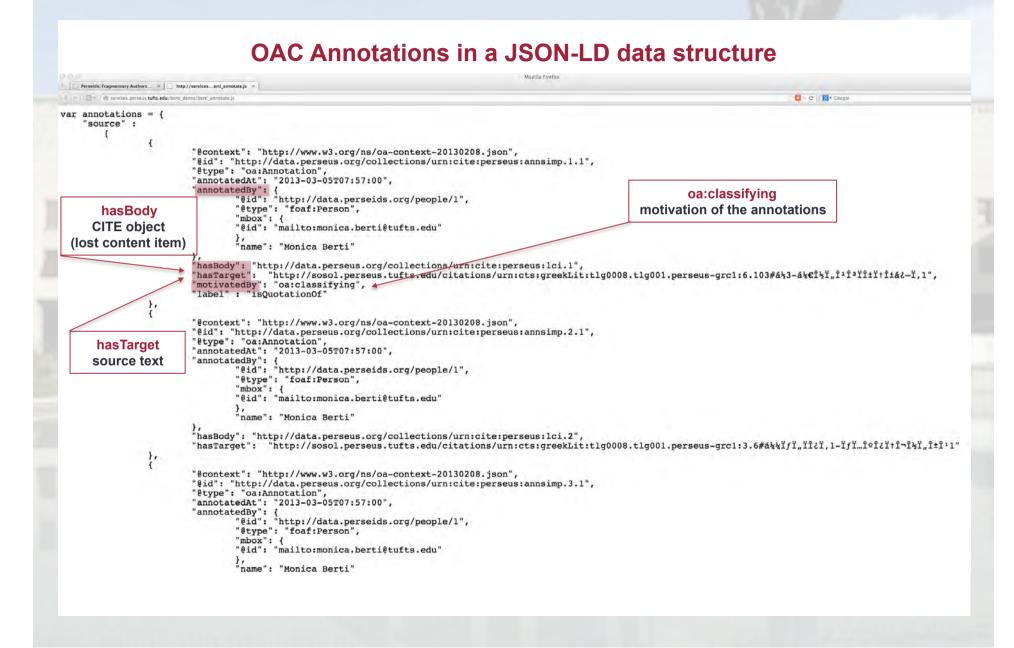




#### **OAC Annotations in a JSON-LD data structure**

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- P Services perseus tufts.edu/herti_demo/herti_annotate.js
                                                                                                                                         C Cangle
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```

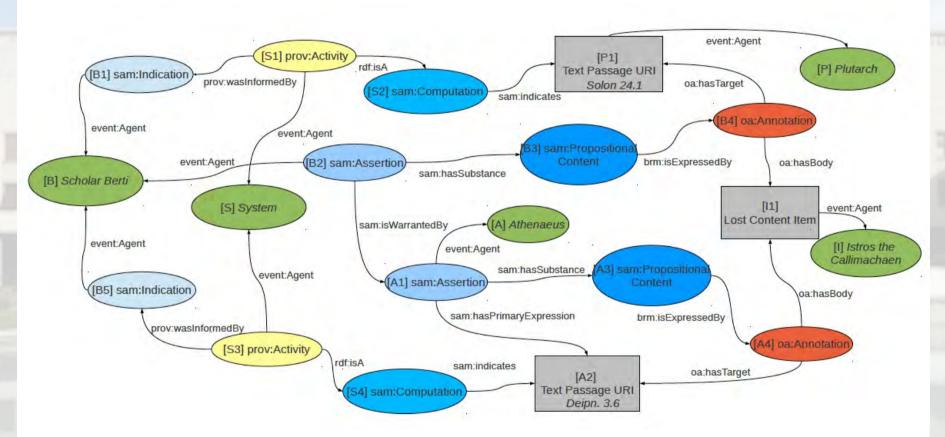




We are integrating complementary views of the same research enterprise in a single RDF description that combines Systematic Assertion Model (SAM) entities and properties with those from other models such as W3C's PROV and Open Annotation (OA). Taken together, these vocabularies can provide a richer, more contextualized view of data encoding and use in humanities research.

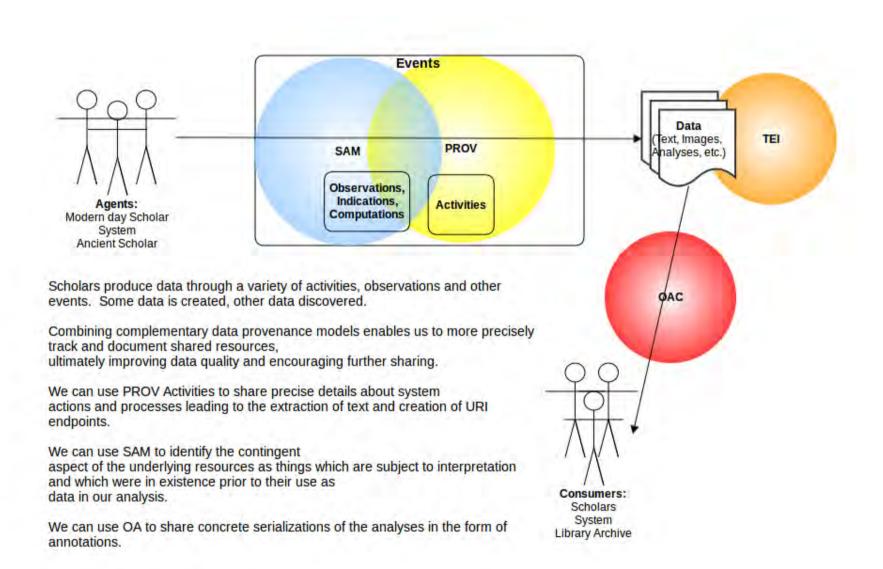
We have developed a prototype representation of a complex scenario involving the annotation of text reuse in fragmentary texts using a combination of the SAM, PROV and OA data models.

#### **SAM (Systematic Assertion Model)**

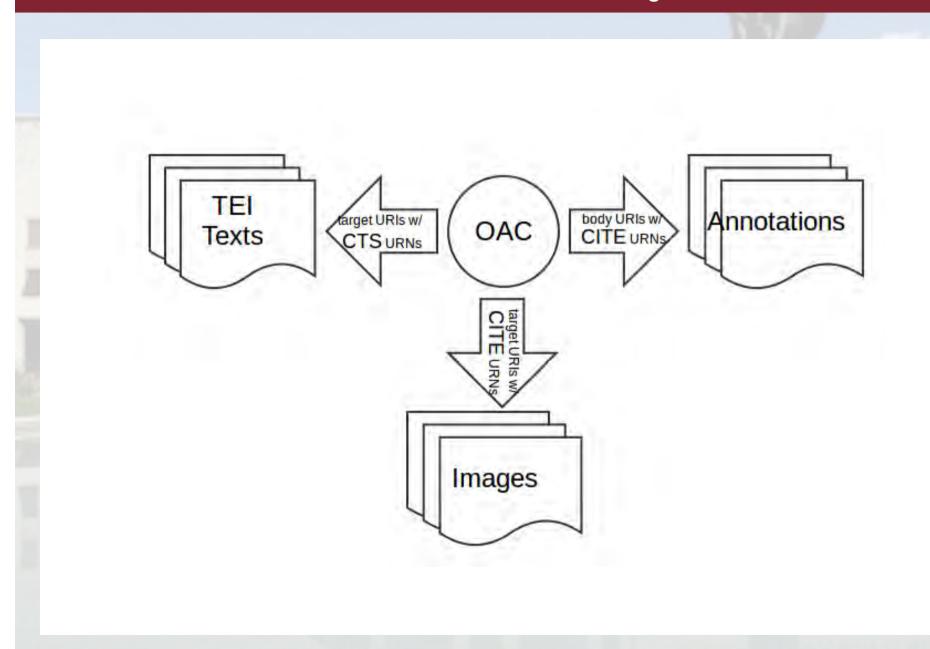


A scholar wants to annotate what she thinks is a quotation or text re-use of a lost text attributed to Istros in an extant source text by Plutarch (a reference to the origin of the word 'sycophants' where Istros is not named). To substantiate her argument, the scholar must also identify corroborating material, including instances of Istros' text in other primary sources, in this example that of Athenaeus *Deipn*. 3.6 (who does name Istros as the source).

<sup>\*</sup> B. Almas, M. Berti, S. Choudhury, D. Dubin, M. Senseney, K.M. Wickett, "Representing Humanities Research Data Using Complementary Provenance Models", in *Building Global Partnerships - RDA Second Plenary Meeting -* Washington DC, September 16-18, 2013 (poster session)



- The provenance of digital objects represents their origins. PROV is a specification to express
  provenance records, which contain descriptions of the entities and activities involved in producing
  and delivering or otherwise influencing a given object. A PROV Activity is an event through which
  entities come into existence and/or change to become new entities. Activities are dynamic aspects
  of the world, such as actions, processes, etc.
- The Systematic Assertion Model (SAM) is a formal account of research data and its content relating data identity, change over time, and varieties of scientific or scholarly equivalence directly
  to research transactions.
- The Open Annotation Core (OAC) Data Model specifies an interoperable framework for creating
  associations between related resources, annotations, using a methodology that conforms to the
  Architecture of the World Wide Web. Open Annotations can easily be shared between platforms,
  with sufficient richness of expression to satisfy complex requirements while remaining simple
  enough to also allow for the most common use cases, such as attaching a piece of text to a single
  web resource.



#### **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