

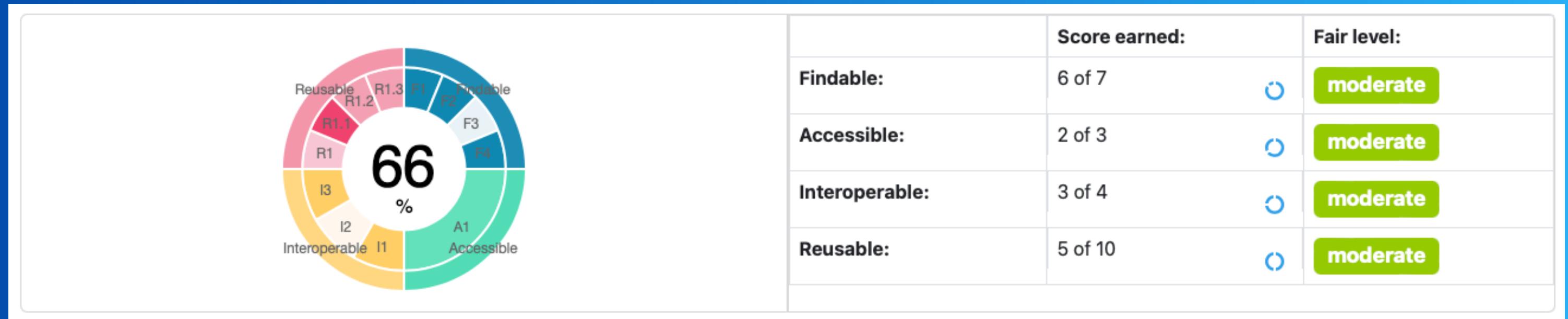
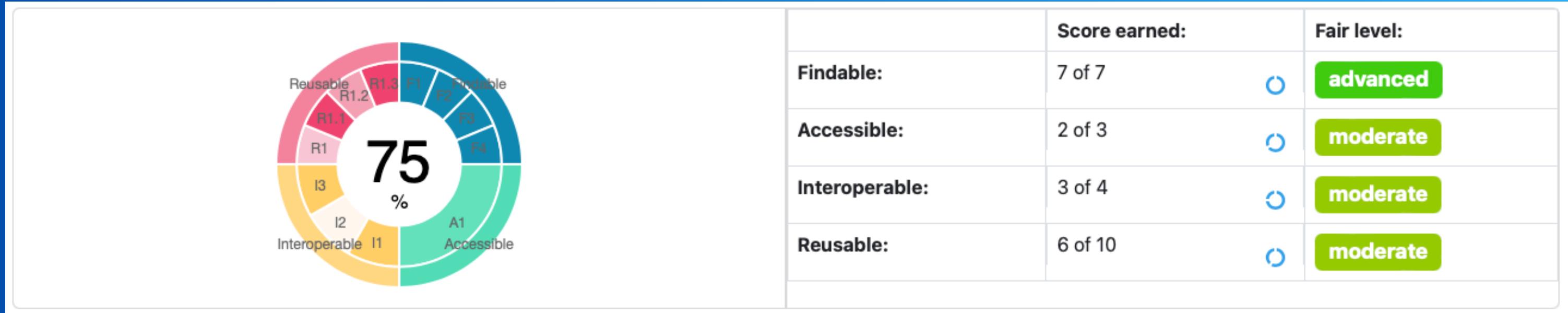
Building FAIR research repositories in practice

Lars Holm Nielsen

Head of Open Science Infrastructure
CERN, IT Department

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Industrial Ecology and Sustainability Research

Published October 21, 2021 | Version 3.8.2

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Versions

Version 3.8.2	Oct 21, 2021
10.5281/zenodo.5589597	
Version 3.8.1	Mar 8, 2021
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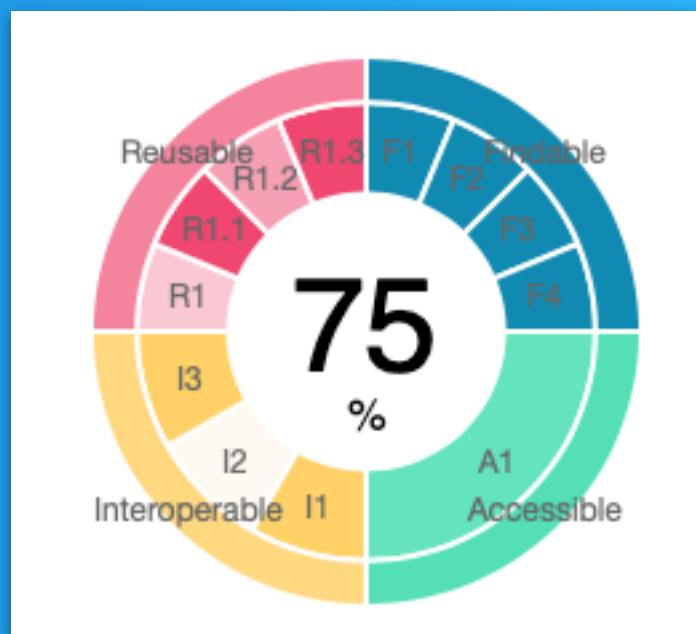
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For any questions regarding access, support or licence clarification please email: exiobase-support@googlegroups.com. The database is provided free of charge to users under a [CC-BY-SA license](#). There is a discussion about different licence options, please reach out for information. For help in use of EXIOBASE data for spend-based emission factors, email exiobase-support@googlegroups.com

EXIOBASE 3 is the culmination of work in the [FP7 DESIRE project](#) and builds upon earlier work on EXIOBASE 2 in the [FP7 CREEA project](#) and EXIOBASE 1 of the [FP6 EXIOPOL project](#). These databases are available at the [official EXIOBASE website](#).

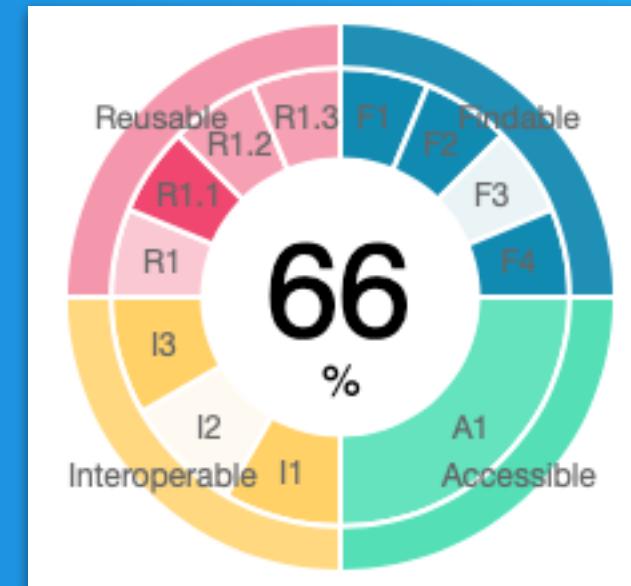
A [special issue of Journal of Industrial Ecology \(Volume 22, Issue 3\)](#) describes the build process and some use cases of EXIOBASE 3. This includes the article by Stadler et. al 2018 describing the compilation of EXIOBASE 3. Further informations (data quality, updates, ...) can be found in the blog post describing a [previous release](#) at the [Environmental Footprints webpage](#). Various concordance tables for the database are available [here](#).

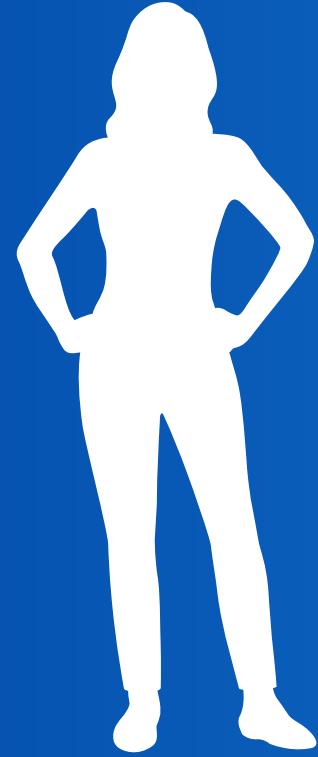
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The screenshot shows a Zenodo record page for an iPhone XS Case. At the top, there's a search bar with "Search records..." and a magnifying glass icon, along with links for "Communities" and "My dashboard". Below the header, it says "Published June 1, 2021 | Version v1". The main title is "iPhone XS Case" with a subtitle "iPhone XS Case". A red diagonal watermark "Spam record" is overlaid across the page. The content includes a section titled "iPhone XS Case- The Best Type of Case For Your iPhone" which discusses the importance of choosing a durable case for outdoor use. Another section describes the features of the iPhone XS case, mentioning its professional look and high-quality silicone material. At the bottom, there's a link to "Best-Selling iPhone XS Cases".

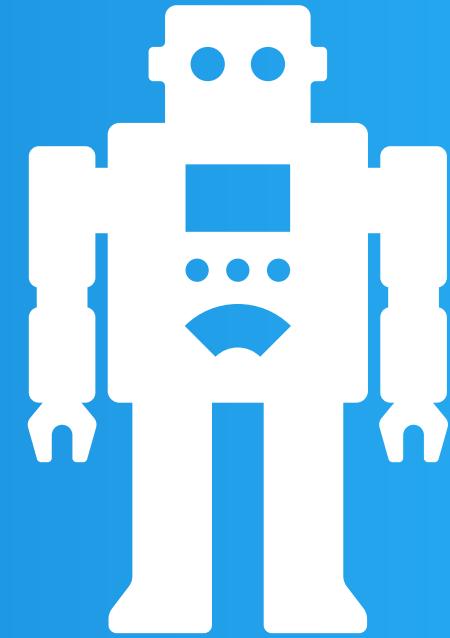




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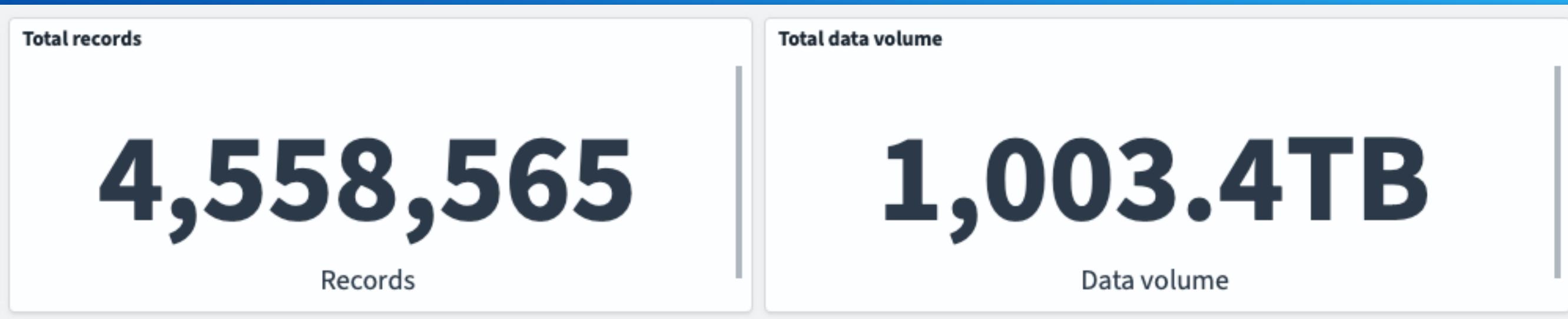
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Tropidocephala nigra
Park, Sanghyo; Lee, Wonhoon 

Tropidocephala nigra (Matsumura, 1900) Conicoda nigra Matsumura, 1900: 261 Tropidocephala nigra Matsumura, 1907: 65 Materials Type status: Other material. Occurrence: recordedBy: Sanghyo Park; individualCount: 3; sex: male; lifeStage: adult; occurrenceID: A6C438A1-A850-5864-B96...
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Access status

Open 1,396,444 Restricted 78,457

Resource types

> Publication 781,340 [November 6, 2024 \(v1\)](#) [Taxonomic treatment](#) [Open](#)

Tropidocephala brunnipennis Signoret 1860
Park, Sanghyo; Lee, Wonhoon 

Tropidocephala brunnipennis Signoret, 1860 Tropidocephala brunnipennis Signoret, 1860: 185 Materials Type status: Other material. Occurrence: recordedBy: Sanghyo Park; individualCount: 11; sex: male; lifeStage: adult; occurrenceID: 7C6566B9-0277-51B1-BB0F-6AFC7ACF6CA4; Taxon:...
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Image 683,312
 Dataset 10,154

Taxonomic treatments

Describe the discovery of new biological species

Example:
Journal article describing 22 new millipedes,
published in European Journal of Taxonomy



EJT European Journal of Taxonomy 445: 1–90
<https://doi.org/10.5852/ejt.2018.445>

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Monograph

<urn:lsid:zoobank.org:pub:852A3F68-B728-413A-B12E-56F306D56C35>

ISSN 2118-9773
www.europeanjournaloftaxonomy.eu
2018 · Enghoff H.

A mountain of millipedes VII: The genus *Eviulisoma* Silvestri, 1910,
in the Udzungwa Mountains, Tanzania, and related species
from other Eastern Arc Mountains. With notes on
Eoseviulisoma Brolemann, 1920, and *Suohelisoma* Hoffman, 1963
(*Diplopoda*, *Polydesmida*, *Paradoxosomatidae*)

Henrik ENGHOFF

Natural History Museum of Denmark, University of Copenhagen,
Universitetsparken 15, DK-2100 København Ø, Denmark.

Email: henghoff@snm.ku.dk

<urn:lsid:zoobank.org:author:FB09A817-000D-43C3-BCC4-2BC1E5373635>

Abstract. Twenty-two new species of the genus *Eviulisoma* Silvestri, 1910, from the Eastern Arc Mountains, Tanzania, are described: *E. acaciae* sp. nov., *E. aequilobatum* sp. nov., *E. akkariae* sp. nov., *E. angulatum* sp. nov., *E. articulatum* sp. nov., *E. biquintum* sp. nov., *E. breviscutum* sp. nov., *E. cetafi* sp. nov., *E. chitense* sp. nov., *E. commelinae* sp. nov., *E. coxale* sp. nov., *E. ejiti* sp. nov., *E. grumslingslak* sp. nov., *E. kalimbasiense* sp. nov., *E. navuncus* sp. nov., *E. nessiteras* sp. nov., *E. ottokrausi* sp. nov., *E. paradisiacum* sp. nov., *E. sternale* sp. nov. and *E. zebra* sp. nov. from the Udzungwa Mts, *E. culter* sp. nov. from the Rubeho Mts and *E. kangense* sp. nov. from the Kanga Mts. *Eviulisoma kwabuniense* Kraus, 1958, and *E. dabagaense* Kraus, 1958, both from the Udzungwa Mts, are redescribed based on new material. Notes are provided on *E. iulodeum* (Verhoeff, 1941) based on type material. *Eoseviulisoma* Brolemann, 1920, is synonymized under *Eviulisoma*, based on newly collected material of *E. julinum* (Attems, 1909), type species of *Eoseviulisoma*. New material of *Suohelisoma ulugurensense* Hoffman, 1964, type species of *Suohelisoma* Hoffman, 1964, has revealed that the gonopod structure is more similar to that of *Eviulisoma* than originally thought, but *Suohelisoma* is retained as a valid genus. Four species groups are recognized among *Eviulisoma* species from the Udzungwa Mts, but the need for a revision of the entire genus is emphasized. Two types of epizootic fungi are recorded from *Eviulisoma* spp., and an enigmatic amorphous mass, which may be a kind of plugging substance, is recorded from the gonopod tips and excavated sixth sternum of several species.

Keywords. Taxonomy, new species, epizootic fungi, copulatory plug.

Enghoff H. 2018. A mountain of millipedes VII: The genus *Eviulisoma* Silvestri, 1910, in the Udzungwa Mountains, Tanzania, and related species from other Eastern Arc Mountains. With notes on *Eoseviulisoma* Brolemann, 1920, and *Suohelisoma* Hoffman, 1963 (*Diplopoda*, *Polydesmida*, *Paradoxosomatidae*). *European Journal of Taxonomy* 445: 1–90. <https://doi.org/10.5852/ejt.2018.445>

1

Treatments: Data in disguise

Eviulisoma breviscutum sp. nov.

[urn:lsid:zoobank.org:act:D7C4195B-37DF-4B02-BD3B-4447DBCBB23C](https://doi.org/10.1186/s13060-017-1700-0)

Fig. 36

Diagnosis

Differs from other Udzungwan species of *Eviulisoma* by the combination of unmodified sterna 5 and 6 and a very short *map* (ca half as long as solenophore).

Etymology

The name is a noun in apposition meaning ‘short shield’ and refers to the short, shield-like mesal acropodal process.

Material (total: 3 ♂♂)

Holotype

TANZANIA: ♂, Mwanihana Forest, above Sanje, 1650 m a.s.l., pitfall trap, 18 Aug. 1982, M. Stoltze and N. Scharff leg. (ZMUC).

Paratypes

TANZANIA: 1 ♂, Morogoro Region, Kilombero District, Udzungwa Mts National Park, forest below Mwanihana Peak, 7°49' S, 36°50' E, 1800 m a.s.l., sifted from leaf litter, 20 Aug. 2017, T. Pape leg. (ZMUC); 1 ♂, Morogoro Region, Udzungwa Mts National Park, Mito Mitatu, above Mang’ula, 07°49'2" S, 36°52'58" E, 1487 m a.s.l., 16 Dec. 2016, T. Pape and N. Scharff leg. (ZMUC).

Treatments: Data in disguise

Geographic coordinates	Date of collection	Collector
Material (total: 3 ♂♂) Holotype TANZANIA: ♂, Mwanihana Forest, above Sanje, 1650 m a.s.l., pitfall trap, 18 Aug. 1982, M. Stoltze and N. Scharff leg. (ZMUC).		
Paratypes TANZANIA: 1 ♂, Morogoro Region, Kilombero District, Udzungwa Mts National Park, forest below Mwanihana Peak, 7°49' S, 36°50' E, 1800 m a.s.l., sifted from leaf litter, 20 Aug. 2017, T. Pape leg. (ZMUC); 1 ♂, Morogoro Region, Udzungwa Mts National Park, Mito Mitatu, above Mang'ula, 07°49'3" S, 36°52'58" E, 1487 m a.s.l., 16 Dec. 2016,		
Host collection		

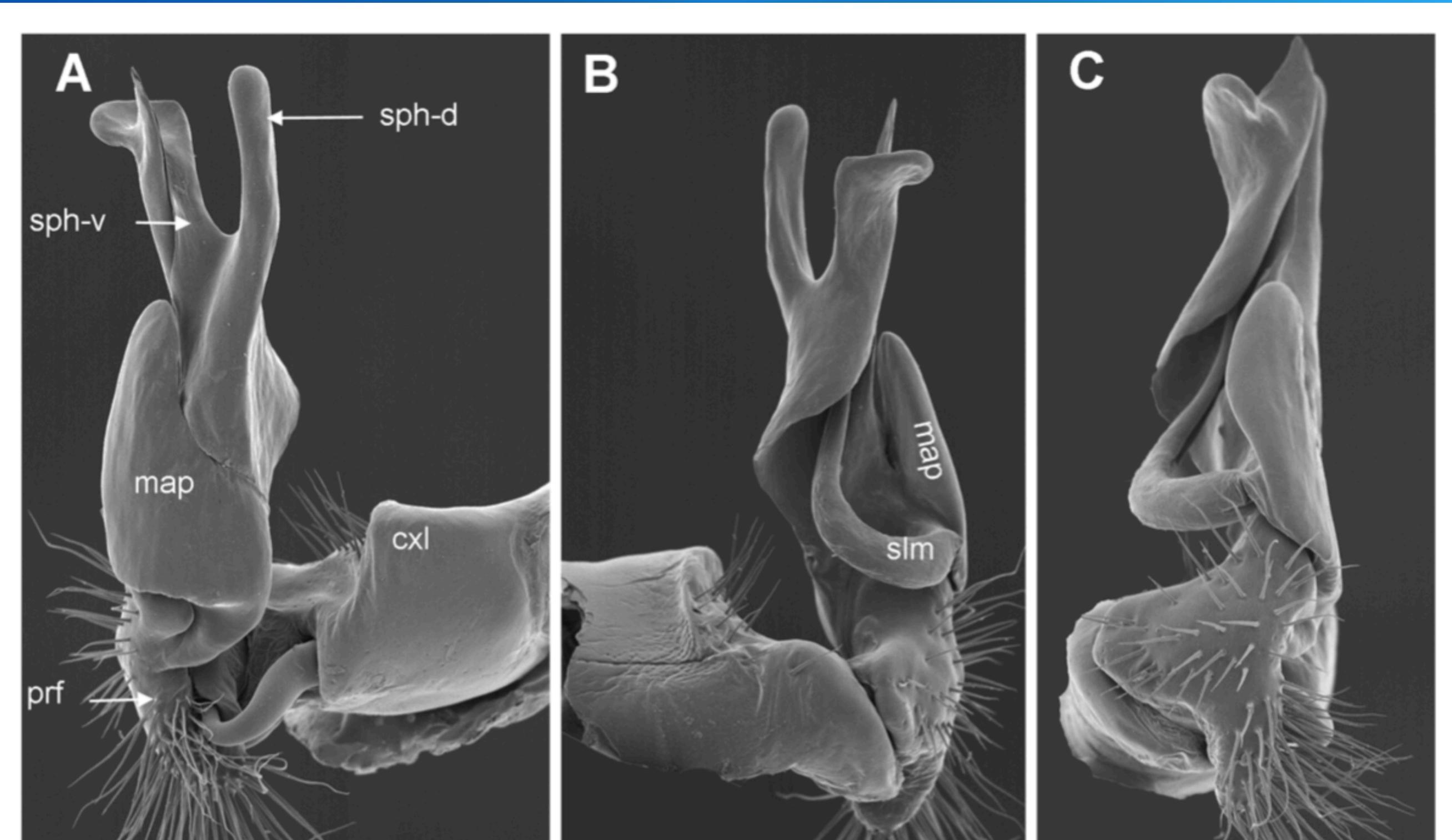


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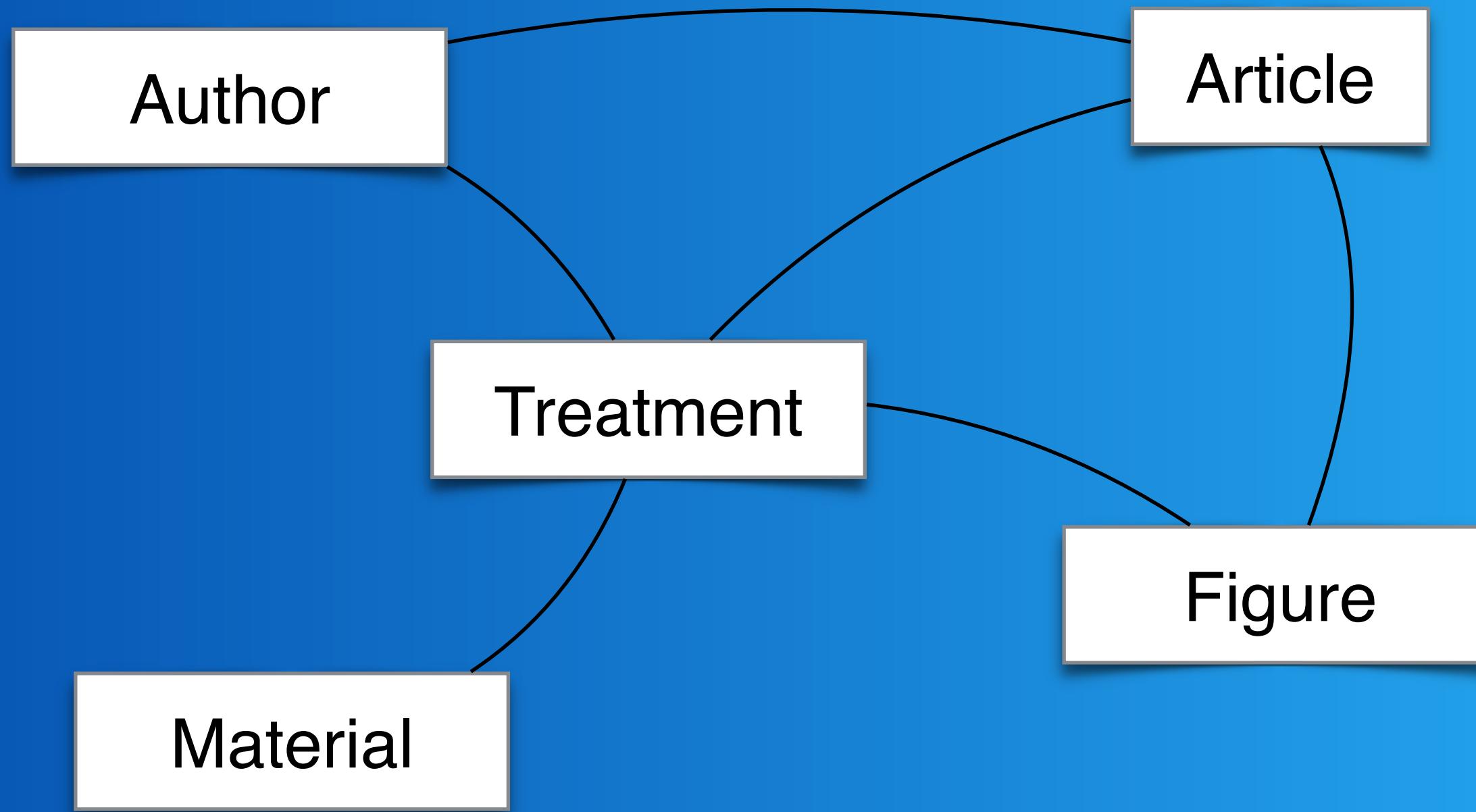
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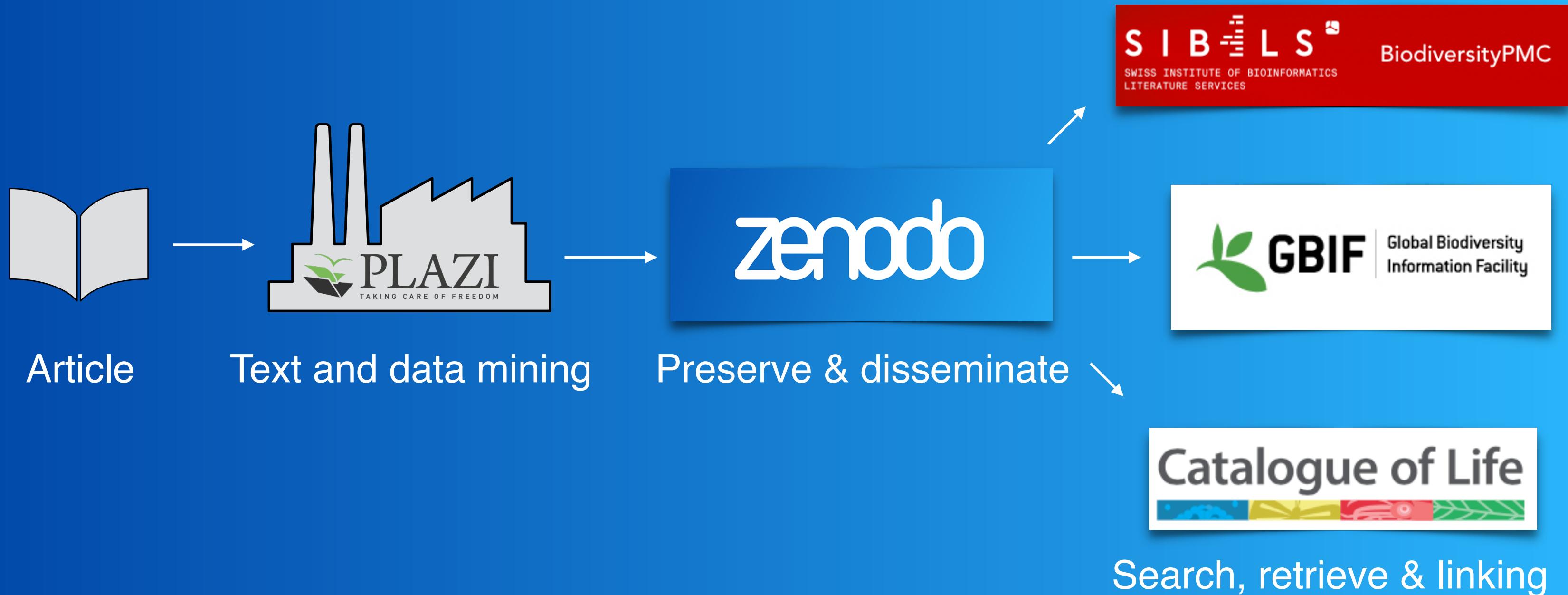


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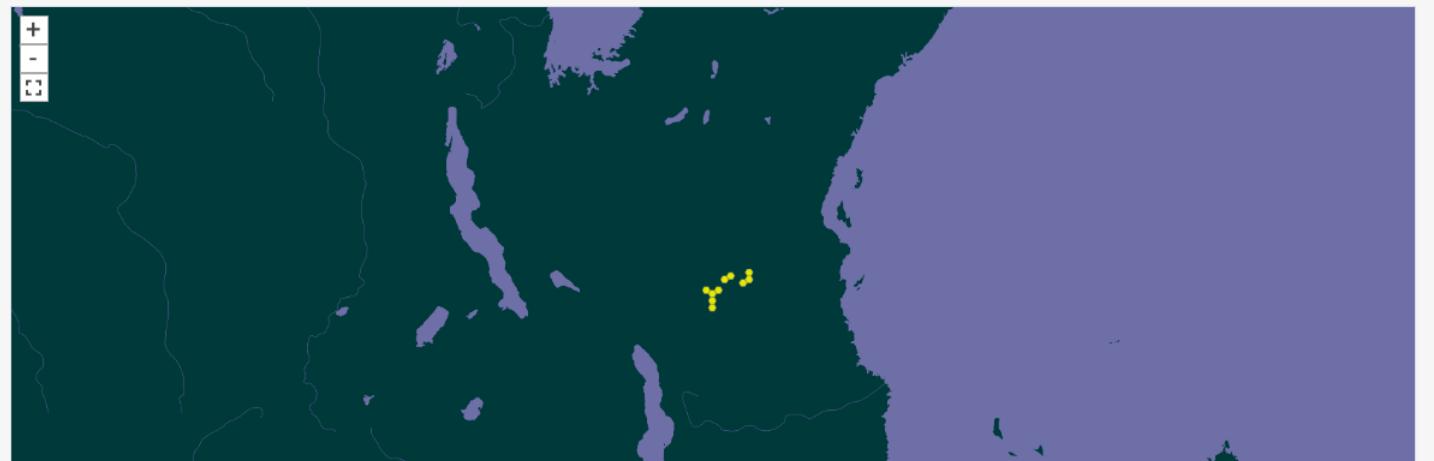
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Taxonomic treatment [Open](#)

Formicinae

Boudinot, Brendon E.¹; Borowiec, Marek L.²; Prebus, Matthew M.³

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Incertae sedis in the Formicinae

Genus † *Kyromyrma*. Comparative morphological study of † *Kyromyrma* (~92 Ma, New Jersey amber; Grimaldi & Agosti, 2000) at the gross (Figs 8L, 9K) and fine scales reveals considerable morphological affinity to *Lasius* (holotype examined at AMNH). In the original description of † *Kyromyrma*, the authors did not address the problem of within-subfamily placement, merely noting that 'the fossil bears an overall resemblance to *Prolasius*, mostly by virtue of the generalized morphology' (Grimaldi & Agosti, 2000, p. 13681). Our combined evidence analyses resulted in ambiguous support for the placement of † *Kyromyrma*, with the genus being recovered as sister to the *Lasius* genus group (Figure S5), sister to the core Lasiini (Figures S8, S 9), sister to all Lasiini (Figure S7), or sister to Formicinae exclusive of Myrmelachistini (Fig. 4). Statistical support for these placements was uniformly low.

Notes

Published as part of Boudinot, Brendon E., Borowiec, Marek L. & Prebus, Matthew M., 2022, Phylogeny, evolution, and classification of the ant genus *Lasius*, the tribe Lasiini and the subfamily Formicinae (Hymenoptera: Formicidae), pp. 113–151 in Systematic Entomology 47 on page 142, DOI: 10.1111/syen.12522, <http://zenodo.org/record/5975346>

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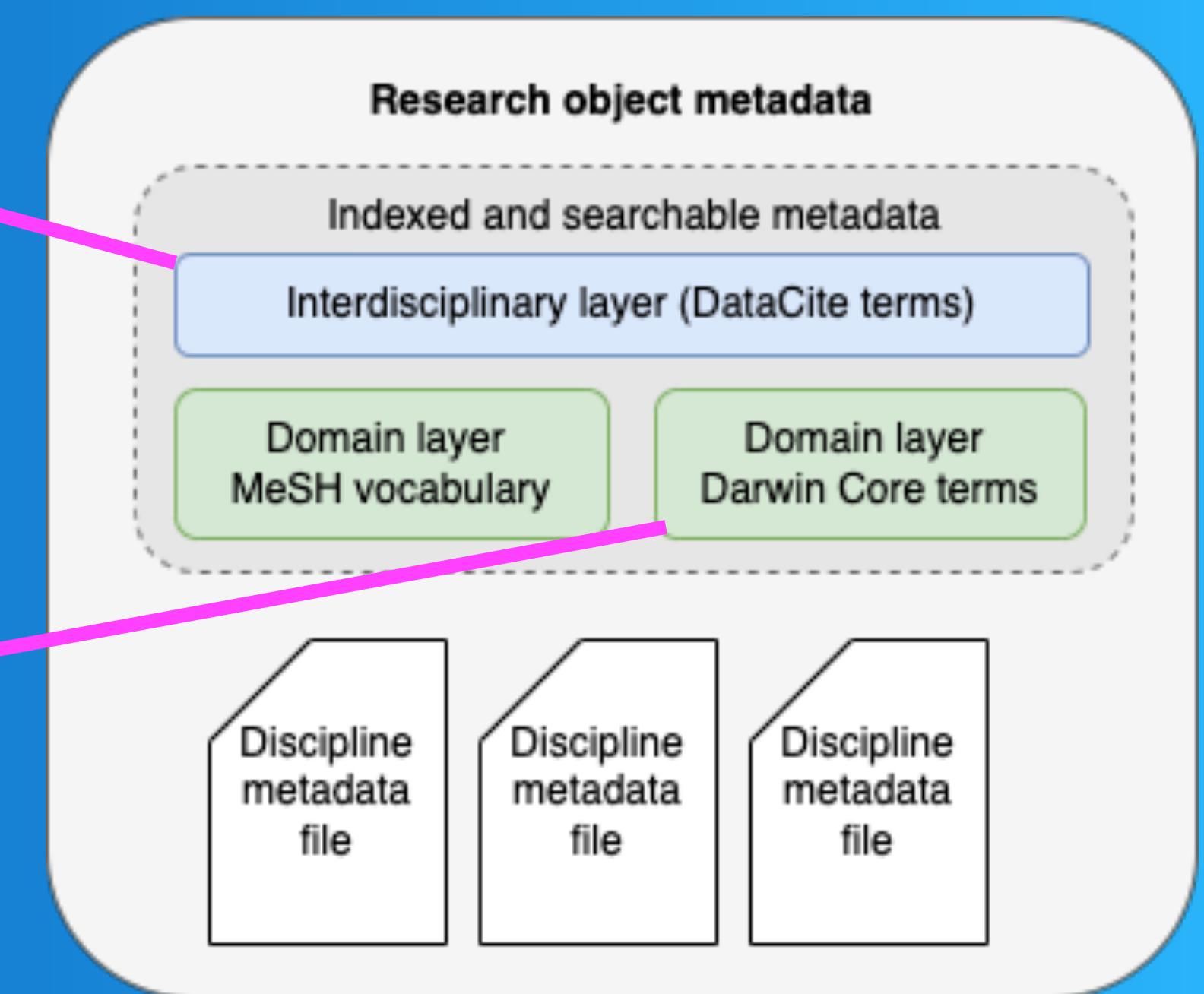
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Formicinae

Boudinot, Brendon E.¹; Borowiec, Marek L.²; Prebus, Matthew M.³

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Incertae sedis in the Formicinae

Genus † *Kyromyrmex*. Comparative morphological study of † *Kyromyrmex* (~92 Ma, New Jersey amber; Grimaldi & Agosti, 2000) at the gross (Figs 8L, 9K) and fine scales reveals considerable morphological affinity to *Lasius* (holotype examined at AMNH). In the original description of † *Kyromyrmex*, the authors did not address the problem of within-subfamily placement, merely noting that 'the fossil bears an overall resemblance to *Prolasius*, mostly by virtue of the generalized morphology' (Grimaldi & Agosti, 2000, p. 13681). Our combined evidence analyses resulted in ambiguous support for the placement of † *Kyromyrmex*, with the genus being recovered as sister to the *Lasius* genus group (Figure S5), sister to the core Lasiini (Figures S8, S 9), sister to all Lasiini (Figure S7), or sister to Formicinae exclusive of Myrmelachistini (Fig. 4). Statistical support for these placements was uniformly low.

Notes

Published as part of Boudinot, Brendon E., Borowiec, Marek L. & Prebus, Matthew M., 2022, Phylogeny, evolution, and classification of the ant genus *Lasius*, the tribe Lasiini and the subfamily Formicinae (Hymenoptera: Formicidae), pp. 113–151 in Systematic Entomology 47 on page 142, DOI: 10.1111/syen.12522, <http://zenodo.org/record/5975346>

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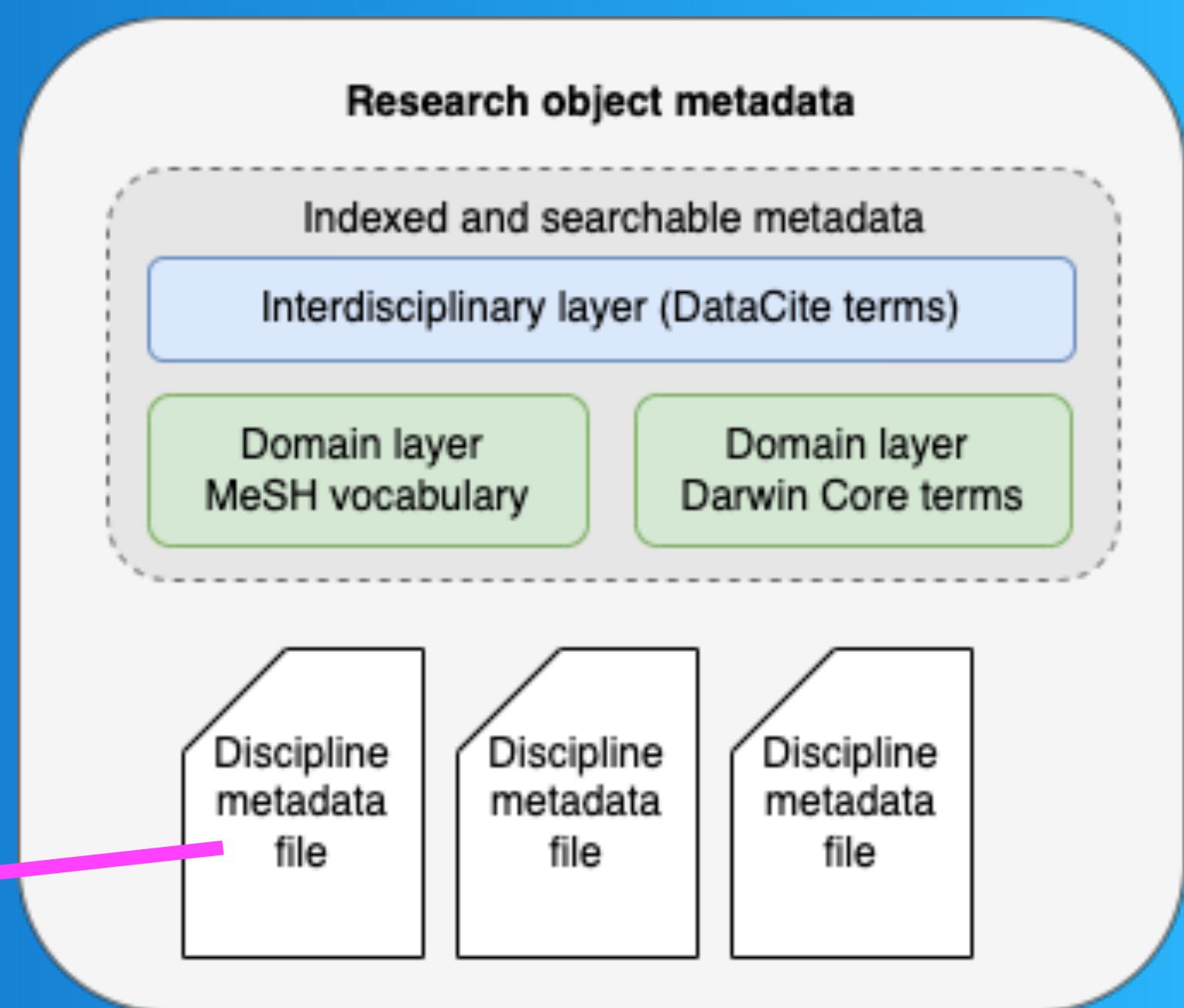
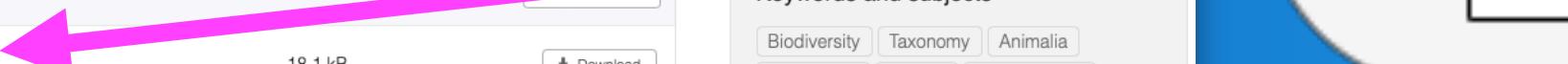
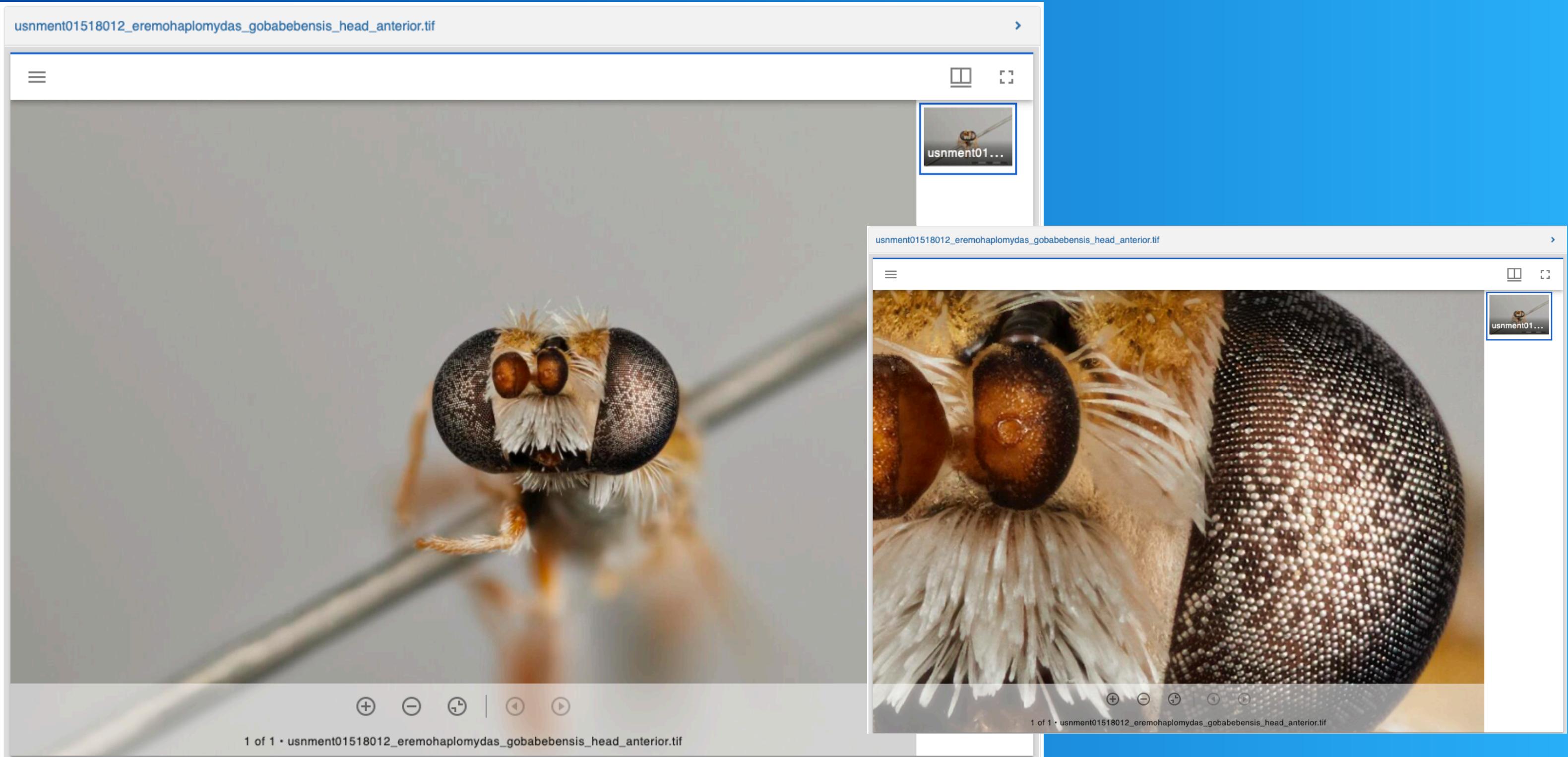


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species

taxonomicName12

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treatment

treatment2

treatment

treatment3

"PHIOSCHIDAE"

Atlantoscia Ferrara and Taiti, 1981

Atlantoscia sp.

São Paulo, Núcleo Santa Virginia (23°20'09" S, 45°08'45" W), Estação Biológica de Boreácia (23°39'10" S, 45°53'20" W), Parque das Neblinas (23°44'52" S, 46°09'44" W) and Reserva Biológica de Parapiacaba (23°46'00" S, 46°18'20" W).

To the present, the genus *Atlantoscia* is represented in Brazil by two species *Atlantoscia floridana* (van Name, 1940) is recorded from coastal regions of Florida (USA); Brazilian coastal states: La Plata (Argentina); Ascension and St. Helena Islands (Ferrara and Taiti 1981; Taiti and Ferrara 1991; Araujo et al. 1996; Schmalfuss 2003). *Atlantoscia rubromarginata* Araujo and Leistikow, 1999 is recorded from Sergipe, northeastern Brazil (Araujo and Leistikow 1999).

The most abundant species in this study was *Atlantoscia* sp. showing a similar pattern of abundance of *A. floridana*, a species that is cited as dominant in different phytogeographic regions of Brazil (Lopes et al. 2005; Almerão et al. 2006). No quantitative data is available for *A. rubromarginata*.

"STYLONISCIDAE"

Styloniscus spinosus (Patience, 1907)

São Paulo, Núcleo Santa Virginia (23°20'09" S, 45°08'45" W), Parque das Neblinas (23°44'51" S, 46°09'44" W) and Reserva Biológica de Parapiacaba (23°46'00" S, 46°18'20" W).

The genus *Styloniscus* has a widespread distribution in the Southern Hemisphere, occurring in Argentina, Chile, Tasmania (Australia), New Zealand, Africa (including Madagascar), and several islands from the subtropics to the sub-Antarctic (Schmalfuss 2003). Twelve out of 42 species on this genus occur in the American continent (Schmalfuss 2003). This is the first record of *S. spinosus* in Brazil. The species is considered adventive from Hawaii and has records from Mauritius, Réunion, Madagascar and greenalouse in Great Britain (Taiti and Howarth 1996; Schmalfuss 2003).

Styloniscus otokensis (Chilton, 1901) is recorded from the state of Rio Grande do Sul (Lopes et al. 2005).

"PLATTYARTHRIDAE"

Trichorhina Budde-Lund, 1908

Trichorhina sp.

São Paulo, Núcleo Santa Virginia (23°20'09" S, 45°08'45" W) and Estação Biológica de Boreácia (23°39'10" S, 45°53'20" W).

This genus has a worldwide distribution comprising 55 currently recognized species (Araujo and Almerão 2007). Many of the species described are from the Americas (Leistikow and Wägele 1999; Schmalfuss 2003).

"ARMADELLIDAE"

Pseudodiplochelus tubularis (Barnard, 1932)

São Paulo, Reserva Biológica de Parapiacaba (23°46'00" S, 46°18'20" W).

Most species of *Pseudodiplochelus* have been recorded from the African continent (Taiti and Ferrara 1979; Schmalfuss 2003). *Pseudodiplochelus tubularis* is recorded from Cape Province (South Africa) and Brazil, where it was recently recorded in the coastline of the state of Rio Grande do Sul (Lopes et al. 2001; Lopes et al. 2005; Almerão et al. 2006). The only previous record of a species of *Pseudodiplochelus* from the state of São Paulo is *P. gibbus* (Lemos de Castro 1972; Schmalfuss 2003).

page-01.png

page-02.png

page-03.png

How do machines access?

FAIR Signposting

```
lnielsen@lnielsen-mbp16-10 ~ % curl -I -X HEAD https://zenodo.org/records/13325981
HTTP/1.1 200 OK
server: nginx
date: Wed, 06 Nov 2024 22:12:57 GMT
content-type: text/html; charset=utf-8
content-length: 91348
vary: Accept-Encoding
link: <https://zenodo.org/api/records/13325981> ; rel="linkset" ; type="application/linkset+json"
```

FAIR Signposting

```
lnielsen@lnielsen-mbp16-10 ~ % curl -X GET -H "Accept: application/linkset+json" https://zenodo.org/api/records/13325981 | jq
% Total    % Received % Xferd  Average Speed   Time     Time      Time  Current
                                         Dload  Upload   Total   Spent   Left  Speed
100  2061  100  2061    0      0  8243      0  --::-- --::-- --::--  8277
{
  "linkset": [
    {
      "anchor": "https://zenodo.org/records/13325981",
      "cite-as": [
        {
          "href": "https://doi.org/10.5281/zenodo.13325981"
        }
      ],
      "describedby": [
        {
          "href": "https://zenodo.org/api/records/13325981",
          "type": "application/dcat+xml"
        },
        {
          "href": "https://zenodo.org/api/records/13325981",
          "type": "application/json"
        }
      ]
    }
  ]
}
```

Embedded JSON-LD

```
<script type='application/ld+json'>{@context": "http://schema.org", "@id": "https://doi.org/10.5281/zenodo.13325981", "@type": "https://schema.org/ScholarlyArticle", "about": "https://doi.org/10.5281/zenodo.13325981", "name": "Oniscidea Latreille, 1802: New continent record and distribution extension in Brazil", "description": "This record enriches the publication \"Crustacea, Isopoda, Oniscidea Latreille, 1802: New continent record and distribution extension in Brazil\" to demonstrate the generation of DataCite and Darwin Core metadata using DataFutures \u003cem\u003eannostor\u003c/em\u003e, to improve \ndiscovery. Individual page annotations are generated for each author and editor of the original publication, providing a \ncoordinate framework for taxonomic treatment annotations using W3C\u0027s Web Annotation Data Model (WADM). Annotations from the original publication can be converted to WADM, enabling display, editing by experts and long-term \npreservation.\u003cp\u003e", "editor": [{"@type": "Organization", "name": "2010 Check List", "url": "https://ror.org/01653xx13"}, {"@type": "Organization", "name": "Data Futures GmbH", "url": "https://ror.org/04qf1dc42"}, {"@type": "Organization", "name": "Plazi", "url": "https://ror.org/017475"}], "identifier": "https://doi.org/10.5281/zenodo.13325981", "inLanguage": "Portuguese", "isPartOf": "https://zenodo.org/records/13325981", "keywords": "Oniscidea Latreille, 1802: New continent record and distribution extension in Brazil", "publisher": {"@type": "Organization", "name": "Check List"}, "size": "477.56 KB", "dateCreated": "2024-08-15T12:27:39.372586+00:00", "dateModified": "2024-10-01T18:36:13.199950+00:00", "author": [{"@type": "Person", "familyName": "Magrini", "givenName": "Mariana Juventina", "name": "Magrini, Mariana Juventina"}, {"@type": "Person", "familyName": "Araujo", "givenName": "Paula Beatriz", "name": "Araujo, Paula Beatriz"}, {"@type": "Person", "familyName": "Uehara-Prado", "givenName": "Marcio", "name": "Uehara-Prado, Marcio"}, {"@type": "Person", "familyName": "Magrini", "givenName": "Mariana Juventina", "name": "Magrini, Mariana Juventina"}, {"@type": "Person", "familyName": "Araujo", "givenName": "Paula Beatriz", "name": "Araujo, Paula Beatriz"}, {"@type": "Person", "familyName": "Uehara-Prado", "givenName": "Marcio", "name": "Uehara-Prado, Marcio"}], "contentSize": "477.56 KB", "creator": [{"@type": "Person", "familyName": "Magrini", "givenName": "Mariana Juventina", "name": "Magrini, Mariana Juventina"}, {"@type": "Person", "familyName": "Araujo", "givenName": "Paula Beatriz", "name": "Araujo, Paula Beatriz"}, {"@type": "Person", "familyName": "Uehara-Prado", "givenName": "Marcio", "name": "Uehara-Prado, Marcio"}]}</script>
```

What about researchers?



EU Open Research Repository

by European Commission <https://research-and-innovation.ec.europa.eu>



How to submit



Join with your EU project

Research and Innovation

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Curation policy

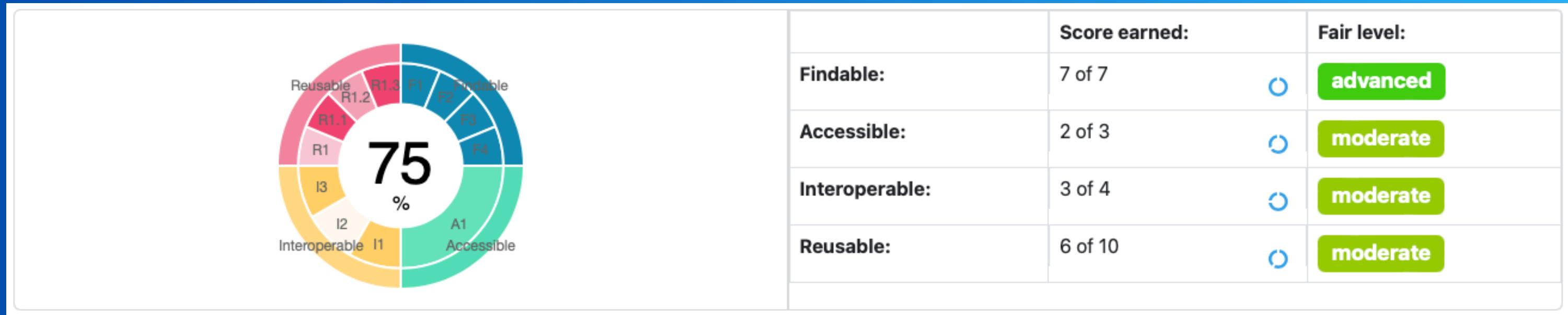
About

Open repository for EU-funded research

Research outputs from Horizon Europe, Euratom and earlier Framework Programmes

 Search...

Can we integrate FAIR evaluation tools?



Challenges



GET <https://zenodo.org/records/1234>

200 OK

Success

Challenges: Unpublished



GET <https://zenodo.org/uploads/1234>

403 FORBIDDEN

Fail

GET <https://zenodo.org/uploads/1234?token=...>

200 OK

Success

Challenges: DOI not yet registered



GET <https://doi.org/10.5281/zenodo.1234>

404 NOT FOUND

Fail

=> Lower FAIR score outside of control of user

Failed tests due to unregistered DOI

- FsF-F1-02D (fail): Data is assigned a persistent identifier.
- FsF-F4-01M (lower score): Metadata is registered in major research data registries (DataCite).
- FsF-I1-01M (fail): Parsable, graph data (RDF, JSON-LD) is accessible through content negotiation, typed links or sparql endpoint.

What then?

Metadata: Automated checks + Subject information

Data curation: File format checks

Subject information

Add standard award/grant

FAIRCORE4EOSC

● FAIRCORE4EOSC – Core Components Supporting a FAIR EOSC

European Commission

« < 1 > »

Did not find your award/grant? [Add a custom award/grant](#)

[Cancel](#)

HORIZON EUROPE

Core Components Supporting a FAIR EOSC

Fact Sheet Reporting Results

Project description

DE EN ES FR IT PL

Building new EOSC-Core components to support FAIR research in science

The European Open Science Cloud (EOSC) is an ecosystem of research data and related services that will facilitate and optimise access to and reliable re-use of FAIR research outputs, including data and software. The main objective of the EU-funded FAIRCORE4EOSC project is to develop and introduce new components that will be seamlessly integrated with the existing EOSC-Core services, bridging gaps identified in the EOSC Strategic Research and Innovation Agenda (SRIA). It will use existing technologies and services to develop nine new EOSC-Core components to enable EOSC persistent identifiers, an EOSC research software infrastructure and support for advances in EOSC repositories—all of which are important for the FAIR research life cycle.

Show the project objective

Fields of science

[natural sciences](#) > [computer and information sciences](#) > [software](#)

Subject information

Subject

Grant

Record

Subjects



Social Sciences

42,392

- Economics and business (21,861)
- Educational sciences (4,819)
- Law (2,562)
- Media and communications (696)
- Political sciences (12,602)
- Psychology (1,136)
- Social geography (2,125)
- Sociology (21,395)
- Other social sciences (1)



Natural Sciences

64,051

- Earth And Related Environmental Sciences (14,220)
- Mathematics (3,243)
- Biological Sciences (25,085)
- Chemical Sciences (6,763)
- Physical Sciences (16,030)
- Computer And Information Sciences (35,886)
- Other Natural Sciences (0)



Engineering and technology

40,670

- Chemical Engineering (672)
- Civil Engineering (3,820)
- Electrical, Electronic and Information Engineering (18,958)
- Environmental Biotechnology (685)
- Environmental Engineering (15,335)
- Industrial Biotechnology (1,633)
- Materials Engineering (5,730)
- Mechanical Engineering (8,483)
- Medical Engineering (729)
- Nanotechnology (3,176)
- Other Engineering And Technologies (3,762)



Humanities

13,946

- Arts (6,424)
- History And Archaeology (9,792)
- Languages And Literature (1,897)
- Philosophy, Ethics And Religion (956)
- Other Humanities (4,666)



Agricultural sciences

14,807

- Agriculture, Forestry, And Fisheries (12,351)
- Animal And Dairy Science (1,974)
- Veterinary Sciences (70)
- Other Agricultural Sciences (0)



Medical and Health sciences

14,506

- Basic Medicine (5,990)
- Clinical Medicine (4,621)
- Health Sciences (8,030)
- Medical Biotechnology (1,763)
- Other Medical Sciences (156)

Metadata and data curation

Optimal design of damping composite lamination

Open Jose Benito Gonzalez Lopez wants to publish 1 record in EU Open Research Repository

Accept and publish **X Decline** **X Cancel ...**

Conversation	Record	Checks ✓ 3
Checks	Logs	
<input checked="" type="checkbox"/> Metadata check	✓ Research outputs must have been funded by European Commission. All submissions in EU Open Research Repository must be stemming from Horizon Europe (including ERC & MCSA), Euratom or earlier Framework Program	
<input checked="" type="checkbox"/> Required approvals	✓ Scientific articles must provide journal information. Required for compliance with Horizon Europe open access requirements. See curation policy for details.	
<input checked="" type="checkbox"/> File format check	✓ All submissions should be openly available. Required for compliance with the Horizon Europe open science requirements (for scientific articles and most research data). Recommended for all other research outputs. See curation policy for details.	
	✓ Authors and affiliations should have persistent identifiers (e.g. ORCID, ROR or others). Recommended for compliance with the Horizon Europe open science requirements.	
	✓ License is required, and should be Creative Commons or provide equivalent rights. Scientific articles should be licensed CC-BY, books can be licensed CC-BY-NC/ND, other outputs should be CC-BY, CC0 or OSI-approved license.	

Metadata and data curation

double-click to edit
Optimal design of damping composite lamination

Accept and publish **Decline** **Cancel ...**

Open Jose Benito Gonzalez Lopez wants to publish 1 record in EU Open Research Repository

Conversation **Record** **Checks 3**

Checks	Logs
<ul style="list-style-type: none">✓ Required metadata✓ Required approvals⚠ File format checks	<p>⚠ Files should use open and/or scientific file formats. Using open/scientific file formats helps ensure files are readable and understandable in the future.</p> <p>Found proprietary file format (dwg). See files format recommendations.</p> <p>The following files where found to use proprietary file formats:</p> <ul style="list-style-type: none">3dmodel.dwg (AutoCAD). Consider using IGS, STP, STL, QIF or PDF instead.

The current incompatibilities of the platforms and tools make it impossible to access existing information through a common interface, leading to waste of time, frustration and obsolete answers to simple data lookup.

WorldWideWeb:

Proposal for a HyperText Project

T. Berners-Lee / CN, R. Cailliau / ECP

Abstract: *HyperText is a way to link and access information of various kinds as a web of nodes in which the user can browse at will. Potentially, HyperText provides a single user-interface to many large classes of stored information such as reports, notes, data-bases, computer documentation and on-line systems help. We propose the implementation of a simple scheme to incorporate several different servers of machine-stored information already available at CERN, including an analysis of the requirements for information access needs by experiments.*

Introduction

The current incompatibilities of the platforms and tools make it impossible to access existing information through a common interface, leading to waste of time, frustration and obsolete answers to simple data lookup. There is a potential large benefit from the integration of a variety of systems in a way which allows a user to follow links pointing from one piece of information to another one. This forming of a web of information nodes rather than a hierarchical tree or an ordered list is the basic concept behind HyperText.