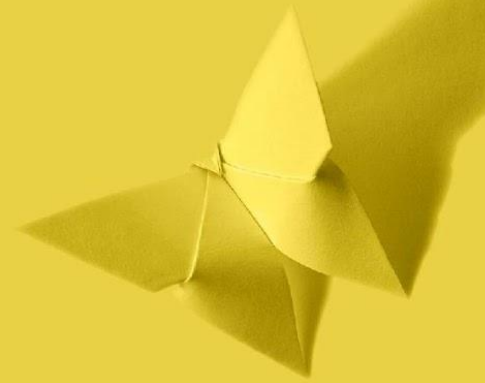




Butterfly



Jorrit Poelen <https://jhpoelen.nl>

EuroAPPA: Mobilizing BUTTERFLY Pollinator Data Through Continuous Data Review



Funded by
the European Union



EuroAPPA: Mobilizing BUTTERFLY Pollinator Data Through Continuous Data Review

BUTTERFLY Project Kick-off (Final Draft)
3 -4 April 2025, Norway House at CIUP, Paris, France



"[...] One-stop shop for animal pollinator ecology: BUTTERFLY's European Atlas of Plant-Pollinator Associations (EuroAPPA) will provide user-friendly access for all stakeholders to the **most complete taxonomically-harmonised well-curated database of plant-pollinator interactions** ever produced for Europe and three Overseas Territories/Outermost Regions. [...]"



EuroAPPA: (Current) Approach

Meet Monthly, or When Needed

Reuse Existing Tools and Platforms

Publish Data Reviews for EuroAPPA
Associated Datasets Early and Often



EuroAPPA: Meeting Monthly

https://www.globalbioticinteractions.org/euroappa/

Monthly Meeting

First Tuesdays at 07:00 US Central / 13:00 Sussex / 14:00 Central European Time.

[rolling meeting notes \(google doc\)](#), [notes.pdf \(versioned snapshot\)](#)

EuroAPPA Meeting 01-07-2024 (first meeting)

Notes

Participants

Cala, Jorrit, Jeff, Noa, Jeroen, Claus, Joe

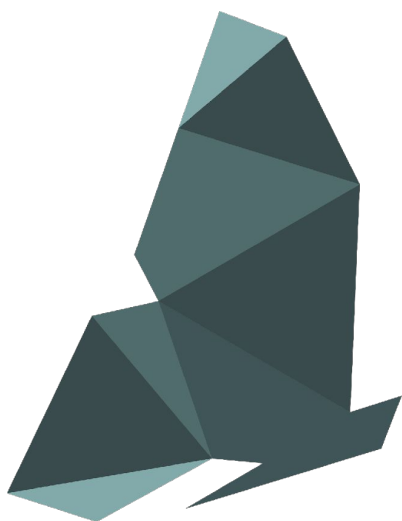
Agenda

- Discuss existing EU hubs on pollinators
- Ideas on how we can approach the one-stop-shop pollinator information hub to suggest to VALOR





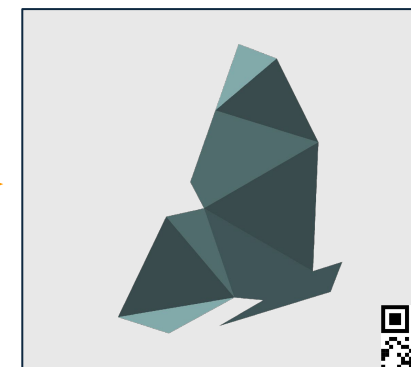
EuroAPPA: Reuse Existing Tools / Platforms



BUTTERFLY (extended)
community and datasets

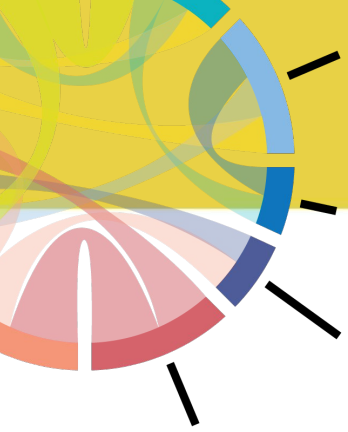


GloBI (extended)
community and tools



BUTTERFLY's
EuroAPPA

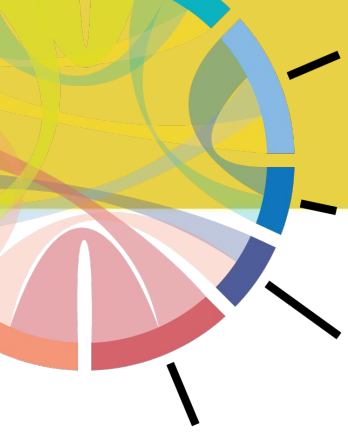




a brief history

- 2011 - Jorrit meets Jim at Texas A&M College Station for Ecological Integration Symposium.
- 2013 - Encyclopedia of Life Rubenstein Fellowship / GloBI / GoMexSI born
- 2014 - Jorrit, Jim and Chris publish GloBI paper
... many citations, workshops, conferences, integrations later ...
- 2025 - Jorrit presents at BUTTERFLY Kick-Off

Jorrit H. Poelen, James D. Simons and Chris J. Mungall. (2014). Global Biotic Interactions: An open infrastructure to share and analyze species-interaction datasets. *Ecological Informatics*.
<http://dx.doi.org/10.1016/j.ecoinf.2014.08.005>.

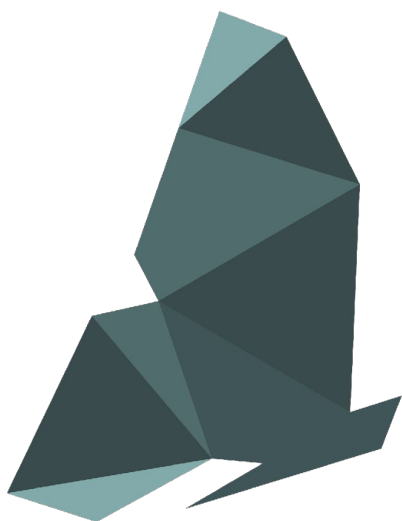


in a nutshell

1. Existing openly accessible species interaction datasets in **any data format** are **registered** using <https://globalbioticinteractions.org/contribute>
2. **GloBI** continually and automatically **indexes and links** most recent species interaction datasets.
3. **Users discover, access and improve** datasets via GloBI's many integrations, search pages, data archives or APIs.



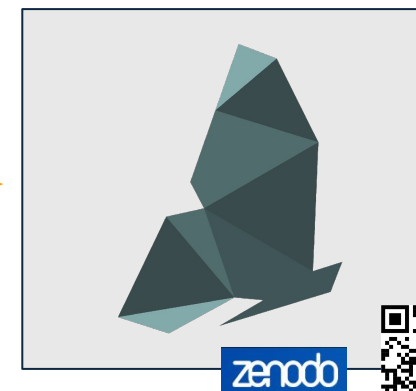
EuroAPPA: Reuse Existing Tools / Platforms



BUTTERFLY (extended)
community and datasets



GloBI (extended)
community and tools

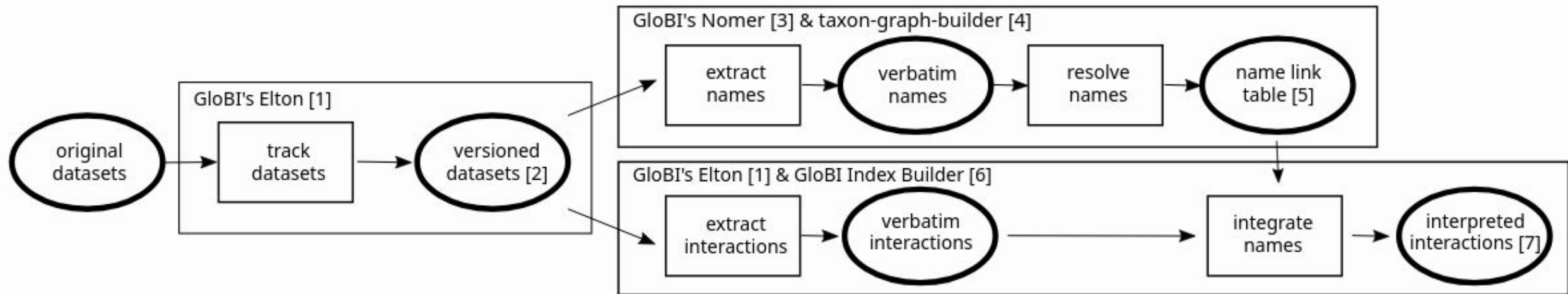


BUTTERFLY's
EuroAPPA





EuroAPPA: Reuse Existing Tools / Platforms



<https://globalbioticinteractions.org/process>



EuroAPPA: Data Review

To help better understand existing datasets, EuroAPPA aims to review datasets. The list below contains the list of dataset selected for review.

Click on badges to browse/download indexed records or inspect automated reviews.

[edit dataset list](#)



GloBI DoPI / GloBI EuPPollNet /

status	<u>Metadata</u> <u>Data</u> <u>Review</u>	dataset	contact
<div>review </div> <div>GloBI </div> <div>config </div> <div>issues 0 open</div>	M D R	DoPI	Nick Balfour, Maria Clara Castellanos dopi.contact@gmail.com
<div>review </div> <div>GloBI </div> <div>config </div> <div>issues 0 open</div>	M D R	EuPPollNet	Jose B. Lanuza barragansljose@gmail.com



EuroAPPA: Data Review

status	<u>Metadata</u> <u>Data</u> <u>Review</u>	dataset	contact
<div>review </div> <div>issues 0 open</div> <div>globalBI </div> <div>config </div>	M D R	DoPI	Nick Balfour, Maria Clara Castellanos dopi.contact@gmail.com

A Review of Biotic Interactions and Taxon Names
Found in globalbioticinteractions/dopi
hash://md5/0802d2690aa2694a968bcfb4fa8feeb7

by Nomer, Elton and Preston, three naive review bots
review@globalbioticinteractions.org
<https://globalbioticinteractions.org/contribute>
<https://github.com/globalbioticinteractions/dopi/issues>

2025-04-03

Abstract

Life on Earth is sustained by complex interactions between organisms



EuroAPPA: Data Review

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2025-04-03

Abstract

Life on Earth is sustained by complex interactions between organisms and their environment. These biotic interactions can be captured in datasets and published digitally. We present a review process of such an openly accessible digital interactions dataset of known origin, and discuss its outcome. The dataset under review, named globalbioticinteractions/dopi, has fingerprint hash://md5/0802d2690aa2694a968bcfb4fa8feeb7, is 6.38MB in size and contains 17,847 interaction with 1 unique type of association (e.g., pollinatedBy) between 1,240 primary taxon (e.g., *Heracleum sphondylium*) and 1,887 associated taxon (e.g., *Bombus pascuorum*). The report includes detailed summaries of interactions data as well as a taxonomic review from multiple catalogs.

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2025-04-03



EuroAPPA: Data Review





[Communities](#)

[My dashboard](#)

 **This is the Zenodo Sandbox instance, used for testing purposes** 

DOIs created in this instance are not real and will not resolve. You can find the production instance of Zenodo at zenodo.org

Published April 3, 2025 | Version v1

[Data paper](#) [Open](#)

A Review of Biotic Interactions and Taxon Names Found in globalbioticinteractions/dopi hash://md5/0802d2690aa2694a968bcfb4fa8feeb7

Elton  ; Nomer  ; Preston 

Introduction

Data Review

Data review can be a time consuming process, especially when done manually. This review report aims to help facilitate data review of species interaction claims made in datasets registered with Global Biotic Interactions (Poelen, Simons, and Mungall 2014). The review includes summary statistics of, and observations about, the dataset under review:

Nick Balfour, Maria Clara Castellanos, Chris Johnson, Dave Goulson, Andrew Philippides. 2023. The Database of Pollinator Interactions (DoPI). Accessed at <https://www.sussex.ac.uk/lifesci/ebe/dopi/> on 2023-12-01. <https://github.com/globalbioticinteractions/dopi/archive/7f17dc782bcf05ae92af25b0fa8610094951eb36.zip> 2025-03-29T00:57:08.110Z hash://md5/0802d2690aa2694a968bcfb4fa8feeb7



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EuroAPPA: (Current) Approach

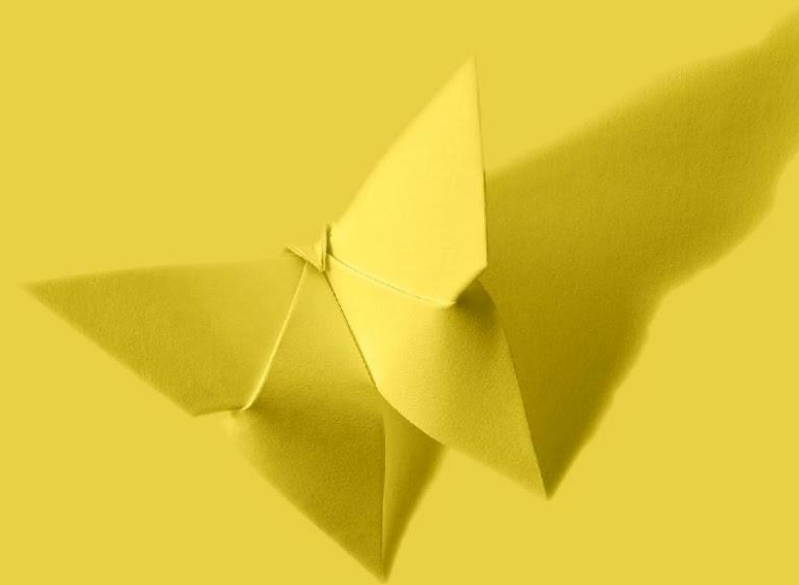
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Butterfly



Thank you very much!



**Funded by
the European Union**

Butterfly receives funding from the European Union's Horizon Europe research and innovation programme under grant agreement No 101181930. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or the European Research Executive Agency (REA). Neither the EU nor REA can be held responsible for them.