

Title:

Tracking Biodiversity Data (Re)use

Location:

iDigBio Lunch Seminar Zoom

Date/time:

Monday 12 April 2021 12p Eastern

Presenter:

Jorrit H. Poelen

Affiliation:

Research Scholar, Ronin Institute of Independent Scholarship;
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Global Biotic Interactions, co-founder and contributor;
Independent Open Source Software/Open Data Developer

Abstract:

As the web of biodiversity knowledge continues to grow and become more complex, practical questions arise:

How do we publish and review works that use big and complex datasets?

How do we keep track of data use across biodiversity data networks?

How do we keep our digital data available for the next 50 years?

In this iDigBio lunch seminar, Jorrit Poelen works towards answering these questions through use cases taken from Global Biotic Interactions (GloBI, <https://globalbioticinteractions.org>), Terrestrial Parasite Tracker TCN (TPT, <https://parasitetracker.org>) and Preston (<https://preston.guoda.bio>), a biodiversity data tracker.

References:

JH Poelen, JD Simons, CJ Mungall (2014). Global Biotic Interactions: An open infrastructure to share and analyze species-interaction datasets. *Ecological Informatics*.
<https://doi.org/10.1016/j.ecoinf.2014.08.005>.

MJ Elliott, JH Poelen, JAB Fortes (2020). Toward Reliable Biodiversity Dataset References. *Ecological Informatics*. <https://doi.org/10.1016/j.ecoinf.2020.101132>

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National Science Foundation Award # 1839201. EAGER: Towards the Web of Biodiversity Knowledge: Understanding Data Connectedness to Improve Identifier Practices.
https://www.nsf.gov/awardsearch/showAward?AWD_ID=1839201 .

National Science Foundation Awards # 1901932, 1901926. Collaborative Research: Digitization
TCN: Digitizing collections to trace parasite-host associations and predict the spread of vector-
borne disease. https://www.nsf.gov/awardsearch/showAward?AWD_ID=1901932
https://www.nsf.gov/awardsearch/showAward?AWD_ID=1901926