

Universal Chalcidoidea Database (UCD)

TaxonWorks Together 2021



Superfamily Chalcidoidea

- Over 28,000 currently valid species in some 23 families
- Most species are parasitoids of other insects or are associated with galls
- Very important in natural and biological control of insect pests



Universal Chalcidoidea Database

- Created by John Noyes, Natural History Museum, London
- Served on-line by NHM
- Last updates in March 2019
- Based on 56,499 publications going back to Jan. 1, 1758
- Essential resource for taxonomists, researchers in biological control, etc.





Universal Chalcidoidea Database



Search options



Valid names

Find the current valid taxon for genus- and species-group names.



Chalcidoid associates of named taxon

List chalcidoid parasitoids of an associate family, genus or species.



Regional lists of Chalcidoids

List chalcidoid taxa recorded from regions, countries or states.



Browse references

Browse and view/download references.

Taxonomic tree

Browse valid families, genera and species, with synonyms.

Associates of named Chalcidoid

List taxa associated with a valid chalcidoid genus or species.



Keyword searches

List references or taxa by keyword or free-text search.



Browse media

Images and videos of chalcidoids.

Citing the database

Usage of data from Universal Chalcidoidea Database in scientific publications should be acknowledged using the following format with the year of the most recent update (****) [see below under **Database last updated**]:

Noyes, J.S. ****. Universal Chalcidoidea Database. World Wide Web electronic publication.
<http://www.nhm.ac.uk/chalcidoids>

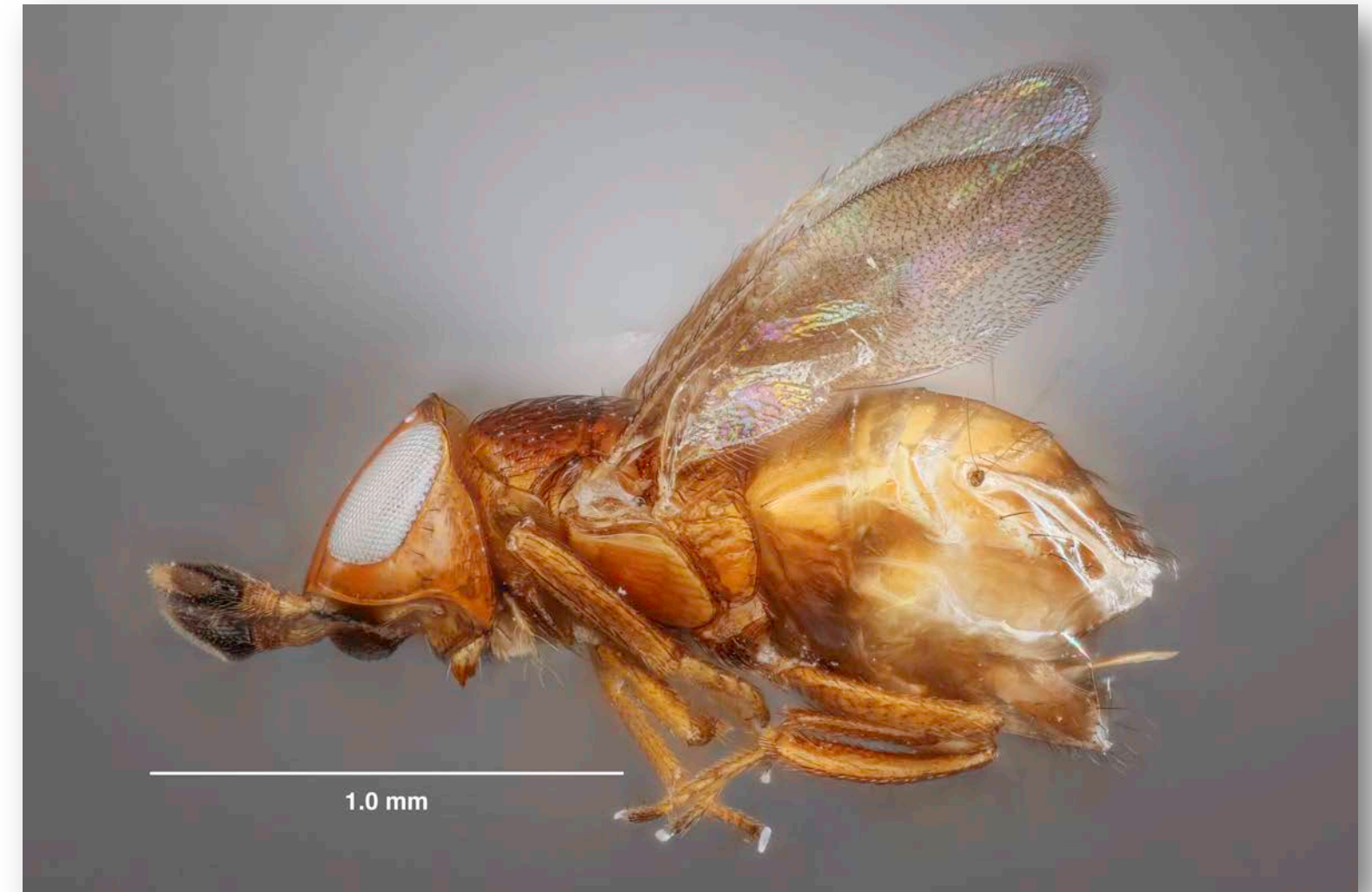
Database last updated: March 2019

Looking for something else? [Search our entire website](#).

Questions and comments to [the Webmaster](#).

UCD @ TaxonWorks

- Data tables ported to TW in 2019
- Extended period of debugging and ground-proofing of data by group of chalcidologists and TW team (two years?)
- We continue to meet weekly
- The plan is to provide a community-curated ongoing resource
- 55 project members, of which about 12 have been actively curating data



Literature in UCD@TW

- Contains virtually all literature from UCD @ BMNH
- 483 new papers added since move to TW
- Up to date, certainly for taxonomic literature
- Most publications have PDF files available for download
- Using tags in TW to control workflow for curators

Source unprocessed

Source being processed

Nomenclatural Acts

Source processed - Biology

No Nomenclatural Acts

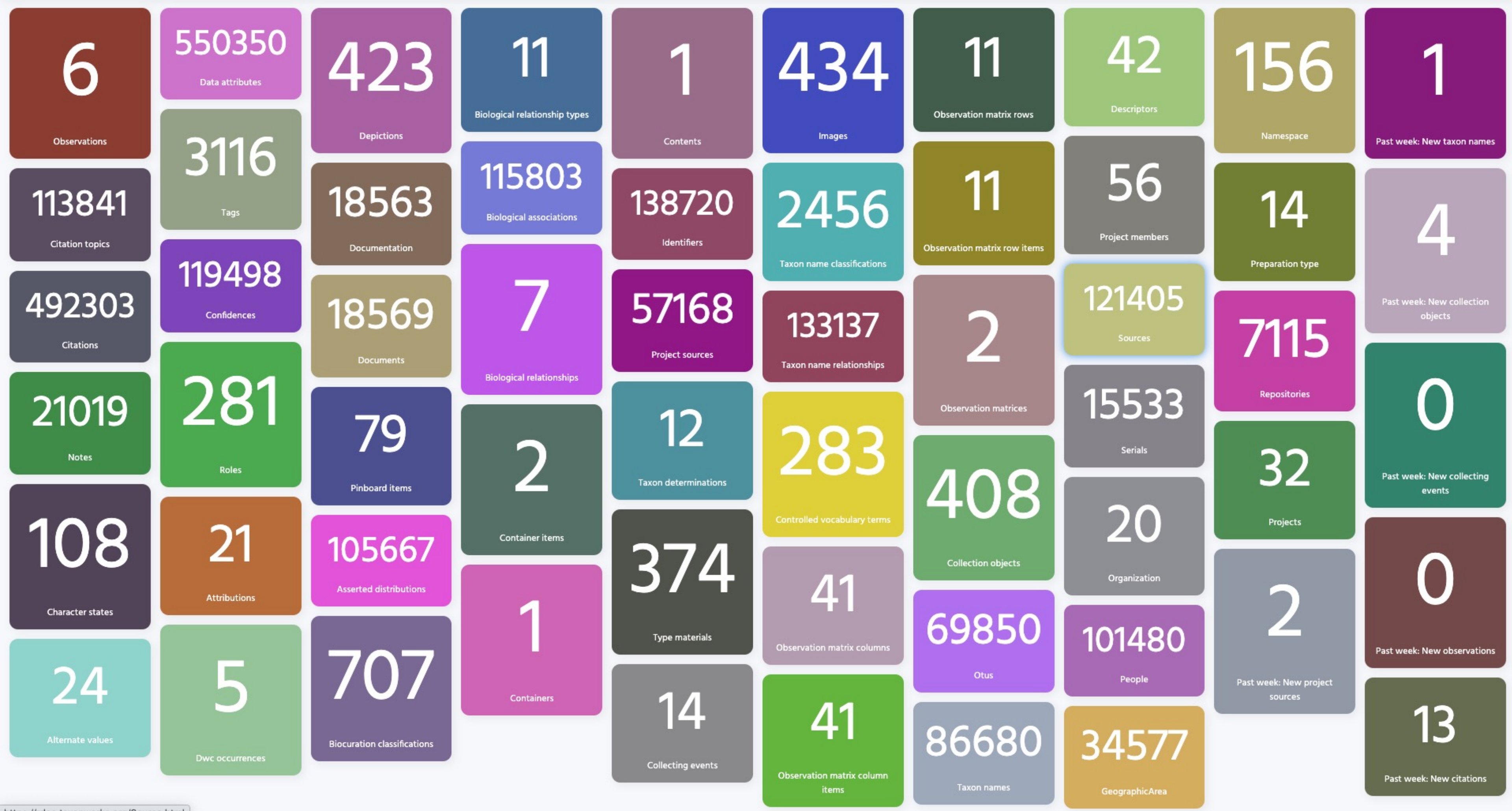
Source processed - Complete

Source processed - Distribution

Source Processed Except for Figures

Source processed - Nomenclature





UCD @ TaxonWorks – what is still needed?



- Simplified public interface to engage biological control researchers and people working on evolutionary biology, ecology, natural history of chalcidoids
- More control over reporting functions for hosts and other biological associates of chalcidoids
- Particularly if TW could aggregate host associations and geographic records across taxonomic levels

Thanks!

