Bibliography of Life
a freely accessible bibliography of every taxonomic paper ever published†

The vision

To assist the taxonomist locate and manage accurate bibliographic references‡.

The problem

The core problem is *data quality*, for which Rich Pyle devised the metaphor of a dirty bucket, containing every reference of whatever quality, and a clean bucket, containing useful references only.

references

deduplicate ➜ standardise

ReFinder is designed to discover and download references from a wide range of open access online bibliographies, such as CrossRef, PubMed, Mendeley, Biodiversity Heritage Library (BHL), BioStor, BioNames and others. ReFinder also searches RefBank, of course.
ReFinder provides the breadth of coverage of bibliographic references to complete the *bibliography of life*.

The solution

The *bibliography of life* addresses the problem of getting references from the dirty bucket to the clean one by providing automatic de-duplication and providing tools for users to curate references.

The *bibliography of life* platform is developed within the EU FP7 project ViBRANT and consists of two components: ReFinder and RefBank.

ReFinder and RefBank are being closely integrated into Scratchpads and Pensoft Writing Tool, so that access to accurate bibliographic information is seamlessly incorporated into a researcher's workflow.

References are added to, and de-duplicated by, RefBank automatically from the two tools without disrupting the researcher's work.
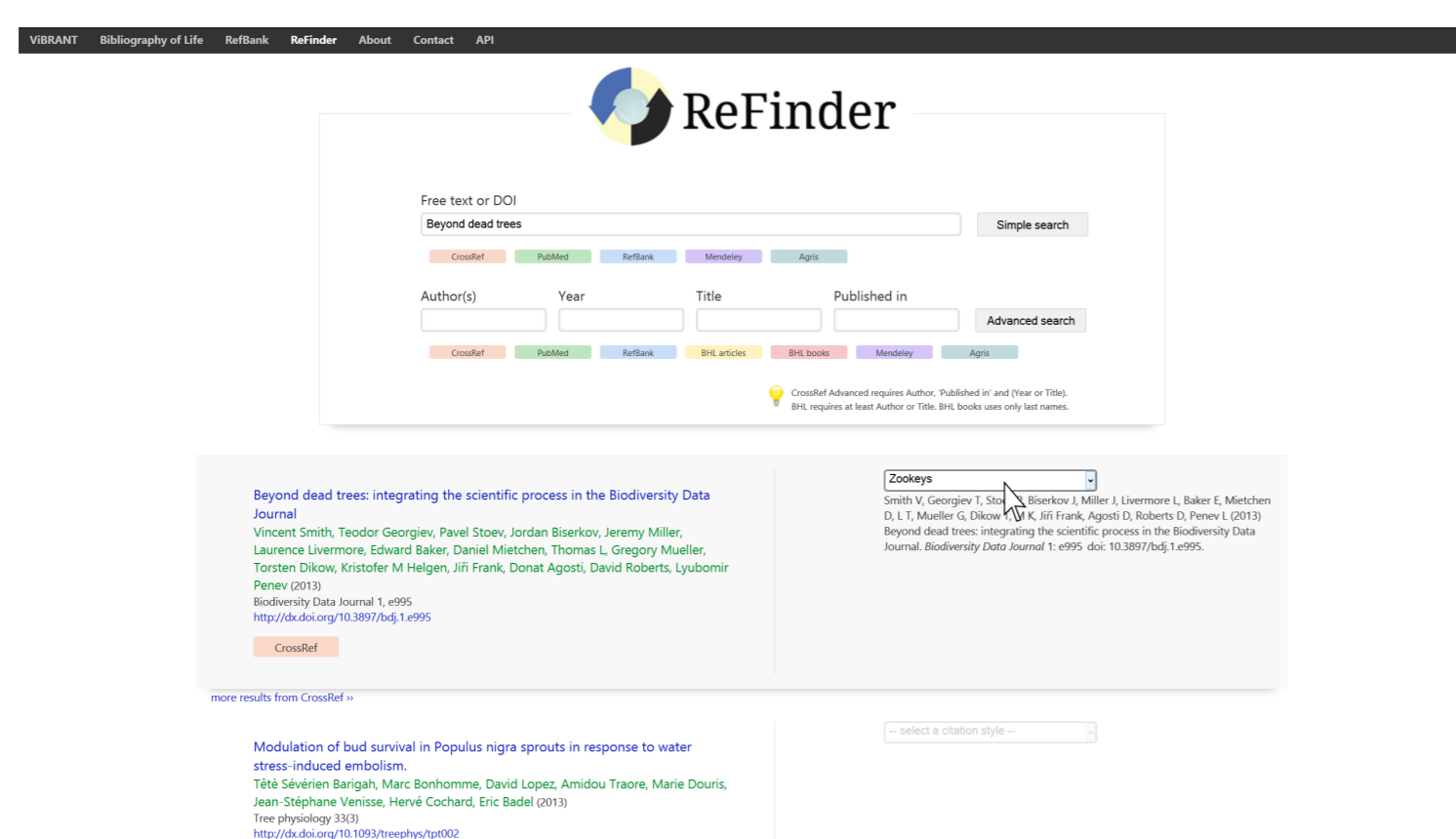
Curation of search results is optional, so if a researcher finds an error in a reference they do not have to correct it immediately. All changes are saved, with their provenance, in RefBank and so are available to all other *bibliography of life* users.
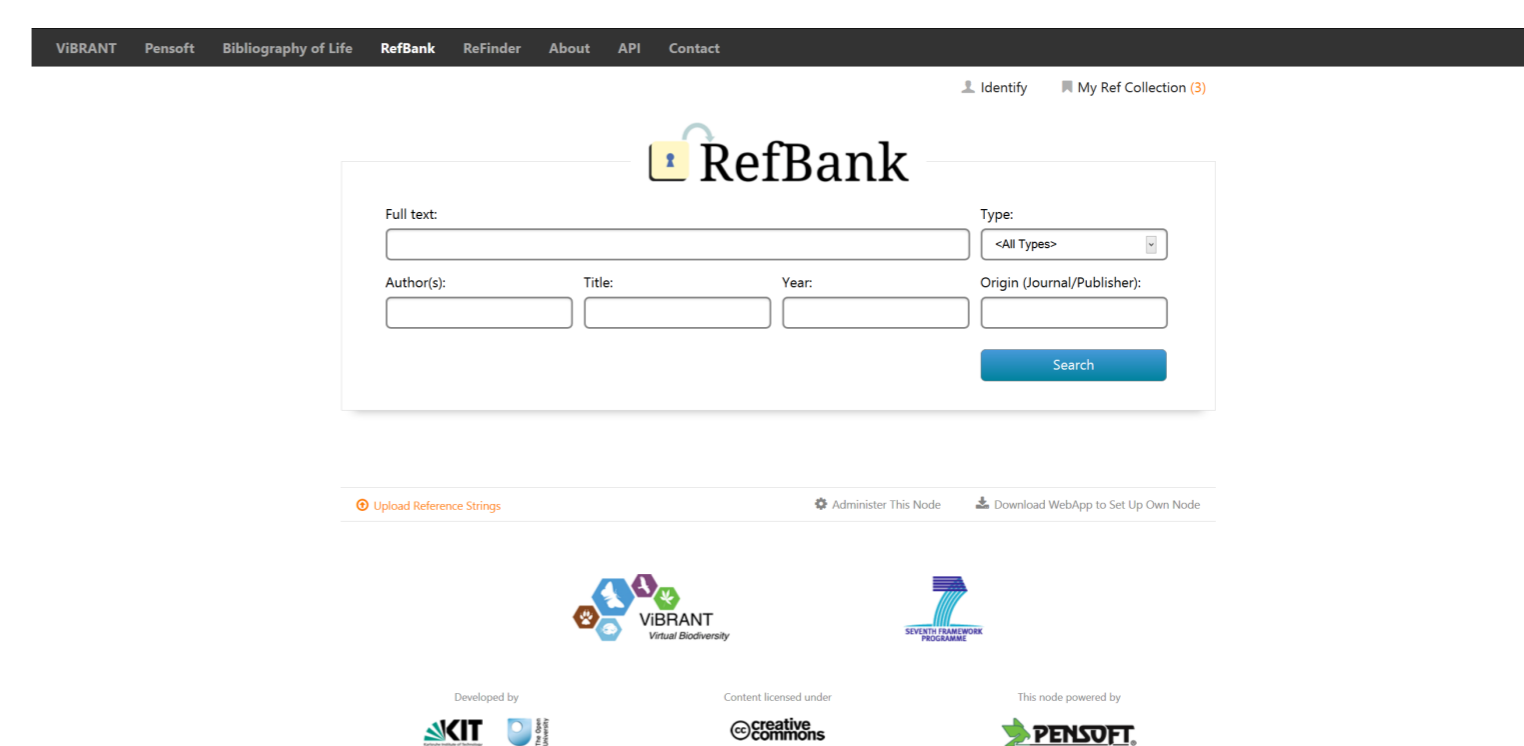
Read more at biblife.org.

RefBank is a network of servers to store, deduplicate and parse bibliographic references. Users can load, edit and delete references. Provenance data is recorded, allowing citizen scientists to contribute as well as professional researchers. RefBank provides a curated in depth view of bibliographic references. We have pre-loaded more than 210,000 references and are adding more monthly.

www.refinder.org

www.refbank.org

References

† Page R (2010) Mendeley, BHL, and the Bibliography of Life", http://iphylo.blogspot.com/2010/10/mendeley-bhl-and-of-life.html.

‡ King D, Morse DR, Willis A, Dil A (2011) Towards the bibliography of life. In: Smith V, Penev L (Eds) e-Infrastructures for data publishing in biodiversity science. ZooKeys 150: 151–166. doi: 10.3897/zookeys.150.2167

Demonstrations

See the *bibliography of life* in action during the demonstration sessions on Thursday 31st October. Look for demonstration 509, given by Guido Sautter and Jordan Biserkov in America del Sud (Theatre II) starting at 11:30. Or ask for an informal demonstration at a time to suit you.

We look forward to meeting you.

Explore the *bibliography of life* at biblife.org

David King[1], Guido Sautter[2], David Morse[1], Lyubomir Penev[3, 4], Jordan Biserkov[4], Teodor Georgiev[4], Dave Roberts[5], Vince Smith[5]

1 The Open University, UK. 2 Karlsruhe Institute of Technology, Karlsruhe, Germany.
3 Institute for Biodiversity and Ecosystem Research, Bulgarian Academy of Sciences, Sofia, Bulgaria.
4 Pensoft Publishers, Sofia, Bulgaria. 5 Natural History Museum, London, UK.

Corresponding author: david.king@open.ac.uk

ViBRANT
Virtual Biodiversity

SEVENTH FRAMEWORK PROGRAMME