

Ways of Interaction between WoRMS and PANGAEA to improve biodiversity data discovery and re-use

Stefanie Schumacher, Alexandra Kraberg, Stephan Frickenhaus

Alfred Wegener Institute Helmholtz Centre for Polar and Marine Research, Germany;
Stefanie.Schumacher@awi.de

PANGAEA's activities in improving the parameter catalogue for enhanced search functions in biodiversity data portals like GFBio require interaction with WoRMS to leverage existing data and to support current bio-data curation. PANGAEA's marine taxon-related parameter shall be semantically linked to WoRMS taxonomic information. Parameters that do not match to WoRMS items correctly are addressed for updating WoRMS with further taxon names (first of all Recent species, later on fossil species) and for validation of PANGAEA's parameter names. We aim to discuss how such an interaction can be structured for a high throughput at a high level of quality and consistency.

Citation: Schumacher, S; Kraberg, A.; Frickenhaus, S. (2015): Ways of Interaction between WoRMS and PANGAEA to improve biodiversity data discovery and re-use, 50th European Marine Biology Symposium, Biologische Anstalt Helgoland, 21 September 2015 - 25 September 2015, [hdl:10013/epic.46014](https://hdl.handle.net/10013/epic.46014).