Explanation of the database

In all columns, 'NA' (not available) was used when we could not fill a column.

title: paper's title

journal: paper's journal

date: paper's publication date

doi: paper's Digital Object Identifier

tot_cites: paper's number of citation in the Web of Sciences

abstract: paper's abstract

authors: paper's authors

n_aut: number of authors

authors_id: Web of Science IDs of the authors

author_country: countries of the affiliation of the authors

keywords: paper's keyword

Publication_year: paper's publication date

Assignment: Author who extracted the data

Analysis: Should the study be used in the analysis? One of "yes" or "no"

Geography: One of the standard biogeographic regions (please mind the spelling and capital letters): "Global", "Nearctic", "Neotropical", "Afrotropical", "Palearctic", "Indomalayan", "Oceanian", "Australasian", and "Antarctic". If multiple categories apply, they are separated with a semicolon.

Geography_verbatim: Character string reporting the location of the study.

Year: Year the study occurred. If the study spanned across years, these are separated with a hyphen (e.g., 2010-2013).

Domain: One of: "Terrestrial", "Saltwater", "Freshwater". If multiple categories apply, these are separate with a semicolon.

Habitat_verbatim: Character string reporting full details about the habitat.

Method_data_collection: One of:

"Field sampling" (data collected in the field)

"Big data" (use of data already collected, e.g. GBIF occurrence, collections)

"Citizen science" (data deriving from citizen science programs, e.g. iNaturalist)

"Simulation" (study based on simulated data)

"Review/Opinion" (theoretical study, review, etc.)

"Other" (none of the above)

If multiple categories apply, these are separated with a semicolon.

Method_AI_title: Did the author mention artificial intelligence/machine learning in the title? 1 = yes ; 0 = no

Method_Omics_title: Did the author mention omic data (genomic/meta-genonmic, proteomic etc.) in the title? 1 = yes ; 0 = no

Method_verbatim (optional): Character string if you want to report full details about the method. Else, use 'NA' (not available).

Title_biodiversity_string: Character string reporting the biodiversity term used by the author in the title. E.g., "biodiversity", "bird biodiversity", "biodiversity of Brazil".

Title_geo: Did the author mention a locality in the title? E.g. "Indo-Pacific biodiversity""tropical biodiversity" 1 = yes ; 0 = no

Title_taxon: Did the author mention a taxon in the title? E.g., "biodiversity of dragonflies "; "biodiversity of wildflowers", 1 = yes ; 0 = no

Title_hab: Did the author mention a habitat in the title? E.g., "biodiversity of desert"; "biodiversity of coral reefs", "benthic biodiversity"; "(tropical) rainforest biodiversity" 1 = yes ; 0 = no

Taxon_specific (optional)**:** Character string if you want to report full details about the species or taxon considered. Else, use 'NA' (not available)

Taxonomic_div: Did the author consider taxonomic diversity? 1 = yes ; 0 = no

Phylogenetic_div: Did the author consider genetic diversity? 1 = yes ; 0 = no

Functional_div: Did the author consider functional diversity? 1 = yes ; 0 = no

Other_div: Did the author consider other forms of diversity (e.g. cultural)? 1 = yes ; 0 = no

Other_diversity_string: If **Other_div** is = 1, please specify information. Else, use 'NA' (not available)

List of phyla/division. Mark the phyla/division accounted for by the authors. 1 = yes ; 0 = no

Altmetrics: paper's Altmetric score

Notes (optional): Any notes/comments about the article that is of interest in interpretation.