A

WEB OF SCIENCE

Literature extraction

TI = “Biodiversity” AND *WC* = ("Ecology" OR "Soil Science" OR "Environmental Studies" OR "Environmental Sciences" OR "Marine & Freshwater Biology" OR "Multidisciplinary Sciences" OR "Paleontology")

N = 10170 articles

Random selection (~10%)

N = 916 articles

N = 65 not found

B

Propotion of biodiversity

Observed biodiversity
e.g., 4 out of 56 = 0.07

Expected biodiversity
(N = 56 macrogroups)

Biodiversity facets

29 cm

Insectivorous

Methods

Method(s) to collect biodiversity data

Geography & System

Biogeographic region(s) and system(s)

Title “descriptors”

Mention of Habitat, Taxa, or Locations in the title

Marine Biology (2002) 141: 185–199
DOI 10.1007/s00227-002-0804-y

H. Fock · F. Uiblein · F. Köster · H. von Westernhagen

Biodiversity and species–environment relationships of the demersal fish assemblage at the Great Meteor Seamount (subtropical NE Atlantic), sampled by different trawls

C

What proportion of biodiversity is sampled by studies, and across what facets?

How does the proportion of sampled biodiversity varies across systems, regions and over time?

Biodiversity

Publication year

Is a low proportion of sampled biodiversity compensated by the use of descriptors in the title?

Biodiversity

No descriptors | Location | Habitat | Taxa

Is there a relationship between the proportion of sampled biodiversity, the use of descriptors, and impact?

Biodiversity

Impact
(e.g. citation)