

Resource Summary Report

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FishNet2

RRID:SCR_013191

Type: Tool

Proper Citation

FishNet2 (RRID:SCR_013191)

Resource Information

URL: <http://www.fishnet2.net/>

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Description: FishNet is a collaborative effort by natural history museums and other biodiversity institutions to establish a global network of Ichthyology collections. There is an open invitation for any institution with a fish collection to join. The current portal is an outgrowth of the original FishNet project with improvements in network stability, georeferencing capabilities, and technical support. Users are provided access to searchable, mappable and downloadable data that are cached on a regular basis from participating institutions who have published their data via the DiGIR or TAPIR protocols with a Darwin Core schema. FishNet is also one of four (along with MaNIS, HerpNET, and ORNIS) vertebrate network portals that provide access to specimen collection records from around the world. These web portals, together, comprise VertNet and serve georeferenced, taxon-based data from 72 global institutions. VertNet is a cooperative project working to maintain and expand these distributed database projects. Future plans for VertNet include biodiversity informatics workshops, enhancement of the portal design, better searching capabilities, and a dynamic cache to expand performance and analytic features. :Sponsors: This resource is supported by the National Science Foundation :.

Synonyms: FishNet2

Resource Type: portal, data or information resource, community building portal, database

Keywords: fish, fishes, marine

Resource Name: FishNet2

Resource ID: SCR_013191

Alternate IDs: r3d100012562, nif-0000-25778

Record Creation Time: 20220129T080314+0000

Ratings and Alerts

No rating or validation information has been found for FishNet2.

No alerts have been found for FishNet2.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 28 mentions in open access literature.

Listed below are recent publications. The full list is available at [ASWG](#) .

Nguyen BD, et al. (2025) Lumping and Splitting of Distribution Models Across a Biogeographic Divide Informs the Conservation of an Imperiled Fluvial Fish. *Ecology and evolution*, 15(4), e71315.

Frota A, et al. (2025) Establishing new grid-size-dependent attributes to rank areas of endemism for conservation priorities. *Cladistics : the international journal of the Willi Hennig Society*, 41(5), 493.

Maile AJ, et al. (2025) A total-evidence phylogenetic approach to understanding the evolution, depth transitions, and body-shape changes in the anglerfishes and allies (Acanthuriformes: Lophioidei). *PloS one*, 20(5), e0322369.

Chakrabarty P, et al. (2024) Ten years later: An update on the status of collections of endemic Gulf of Mexico fishes put at risk by the 2010 Oil Spill. *Biodiversity data journal*, 12, e113399.

Casemiro FAS, et al. (2023) Landscape dynamics and diversification of the megadiverse South American freshwater fish fauna. *Proceedings of the National Academy of Sciences of the United States of America*, 120(2), e2211974120.

Lanman RB, et al. (2021) Ancient DNA analysis of archaeological specimens extends Chinook salmon's known historic range to San Francisco Bay's tributaries and southernmost watershed. *PloS one*, 16(4), e0244470.

Siqueira AC, et al. (2020) Trophic innovations fuel reef fish diversification. *Nature communications*, 11(1), 2669.

Smith SE, et al. (2020) A century of intermittent eco-evolutionary feedbacks resulted in novel trait combinations in invasive Great Lakes alewives (*Alosa pseudoharengus*). *Evolutionary applications*, 13(10), 2630.

McFarland EP, et al. (2020) A new species of *Chromis* damselfish from the tropical western Atlantic (Teleostei, Pomacentridae). *ZooKeys*, 1008, 107.

Jézéquel C, et al. (2020) A database of freshwater fish species of the Amazon Basin. *Scientific data*, 7(1), 96.

Robertson DR, et al. (2019) An update to the inventory of shore-fishes from the Parque Nacional Sistema Arrecifal Veracruzano, Veracruz, México. *ZooKeys*, 882, 127.

Robertson DR, et al. (2019) Reef-associated fishes from the offshore reefs of western Campeche Bank, Mexico, with a discussion of mangroves and seagrass beds as nursery habitats. *ZooKeys*, 843, 71.

Foster KL, et al. (2018) Disentangling the drivers of diversification in an imperiled group of freshwater fishes (Cyprinodontiformes: Goodeidae). *BMC evolutionary biology*, 18(1), 116.

Lopes TM, et al. (2017) Two sides of a coin: Effects of climate change on the native and non-native distribution of *Colossoma macropomum* in South America. *PloS one*, 12(6), e0179684.

Drew JA, et al. (2017) Community assembly of coral reef fishes along the Melanesian biodiversity gradient. *PloS one*, 12(10), e0186123.

McMahan CD, et al. (2017) Pleistocene to holocene expansion of the black-belt cichlid in Central America, *Vieja maculicauda* (Teleostei: Cichlidae). *PloS one*, 12(5), e0178439.

Buser TJ, et al. (2017) Littorally adaptive? Testing the link between habitat, morphology, and reproduction in the intertidal sculpin subfamily Oligocottinae (Pisces: Cottoidea). *PeerJ*, 5, e3634.

Troia MJ, et al. (2016) Filling in the GAPS: evaluating completeness and coverage of open-access biodiversity databases in the United States. *Ecology and evolution*, 6(14), 4654.

Melo BF, et al. (2016) An inventory of coastal freshwater fishes from Amapá highlighting the occurrence of eight new records for Brazil. *ZooKeys*(606), 127.

Baldwin CC, et al. (2016) Two new deep-reef basslets (Teleostei, Grammatidae, *Lipogramma*), with comments on the eco-evolutionary relationships of the genus. *ZooKeys*(638), 45.