Resource Summary Report

Generated by RRID on Apr 11, 2025

MorphoBank

RRID:SCR_003213
Type: Tool

Proper Citation

MorphoBank (RRID:SCR_003213)

Resource Information

URL: http://www.morphobank.org

Proper Citation: MorphoBank (RRID:SCR_003213)

Description: Web application providing online database and workspace for evolutionary research, specifically systematics (the science of determining the evolutionary relationships among species). It enables researchers to upload images and affiliate data with those images (labels, species names, etc.) and allows researchers to upload morphological data and affiliate it with phylogenetic matrices. MorphoBank is project-based, meaning a team of researchers can create a project and share the images and associated data exclusively with each other. When a paper associated with the project is published, the research team can make their data permanently available for view on MorphoBank where it is now archived.

Abbreviations: MorphoBank

Resource Type: data or information resource, database

Defining Citation: PMID:34875801

Keywords: phenotype, web service, phylogenetics, cladistics, histology, neurology, taxonomy, image, phylogeny, cladistic analysis, morphology, anatomy, evolution, homology, systems biology, FASEB list

Funding: NSF ;
NOAA NA04OAR4700191

Availability: Free, Freely available

Resource Name: MorphoBank

Resource ID: SCR_003213

Alternate IDs: DOI:10.25504/FAIRsharing.1y63n8, DOI:10.17616/R3PC7F, DOI:10.7934, nlx_156938

Alternate URLs: https://doi.org/10.17616/R3PC7F, https://doi.org/10.17616/r3pc7f, https://doi.org/10.7934/, https://dx.doi.org/10.7934/, https://fairsharing.org/10.25504/FAIRsharing.1y63n8

Record Creation Time: 20220129T080217+0000

Record Last Update: 20250410T064949+0000

Ratings and Alerts

No rating or validation information has been found for MorphoBank.

No alerts have been found for MorphoBank.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 106 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID.

Barbeitos MS, et al. (2024) AI-based coral species discrimination: A case study of the Siderastrea Atlantic Complex. PloS one, 19(12), e0312494.

Viertler A, et al. (2024) Three taphonomic stories of three new fossil species of Darwin wasps (Hymenoptera, Ichneumonidae). Scientific reports, 14(1), 17415.

Gobbin TP, et al. (2024) Four new species of Cichlidogyrus (Platyhelminthes, Monopisthocotyla, Dactylogyridae) from Lake Victoria haplochromine cichlid fishes, with the redescription of C. bifurcatus and C. longipenis. Parasite (Paris, France), 31, 46.

Clement AM, et al. (2024) A Late Devonian coelacanth reconfigures actinistian phylogeny, disparity, and evolutionary dynamics. Nature communications, 15(1), 7529.

Botero-Trujillo R, et al. (2024) Phylogeny of the Neotropical Hypoctonine Whip-Scorpions (Thelyphonida, Thelyphonidae), with Descriptions of Two New Genera and Species. Insects, 15(10).

Musser G, et al. (2024) A new Paleogene fossil and a new dataset for waterfowl (Aves: Anseriformes) clarify phylogeny, ecological evolution, and avian evolution at the K-Pg Boundary. PloS one, 19(7), e0278737.

Zachos LG, et al. (2024) Selective concentration of iron, titanium, and zirconium substrate minerals within Gregory's diverticulum, an organ unique to derived sand dollars (Echinoidea: Scutelliformes). PeerJ, 12, e17178.

Du KS, et al. (2024) Multiple origins of dorsal ecdysial sutures in trilobites and their relatives. eLife, 12.

Rietbergen TB, et al. (2023) The oldest known bat skeletons and their implications for Eocene chiropteran diversification. PloS one, 18(4), e0283505.

Riede T, et al. (2023) Post-pubertal developmental trajectories of laryngeal shape and size in humans. Scientific reports, 13(1), 7673.

Zanno LE, et al. (2023) An early-diverging iguanodontian (Dinosauria: Rhabdodontomorpha) from the Late Cretaceous of North America. PloS one, 18(6), e0286042.

Tokareva A, et al. (2023) The oldest case of paedomorphosis in rove beetles and description of a new genus of Paederinae from Cretaceous amber (Coleoptera: Staphylinidae). Scientific reports, 13(1), 5317.

Yoshida J, et al. (2023) An ankylosaur larynx provides insights for bird-like vocalization in non-avian dinosaurs. Communications biology, 6(1), 152.

González-Miguéns R, et al. (2022) Cyphoderia ampulla (Cyphoderiidae: Rhizaria), a tale of freshwater sailors: The causes and consequences of ecological transitions through the salinity barrier in a family of benthic protists. Molecular ecology, 31(9), 2644.

Håkansson J, et al. (2022) Aerodynamics and motor control of ultrasonic vocalizations for social communication in mice and rats. BMC biology, 20(1), 3.

Finch SP, et al. (2022) Evolution of amniote dentine apposition rates. Biology letters, 18(4), 20220092.

Parker WG, et al. (2022) Osteology and relationships of Revueltosaurus callenderi (Archosauria: Suchia) from the Upper Triassic (Norian) Chinle Formation of Petrified Forest National Park, Arizona, United States. Anatomical record (Hoboken, N.J. : 2007), 305(10), 2353.

Pates S, et al. (2022) New opabiniid diversifies the weirdest wonders of the euarthropod stem group. Proceedings. Biological sciences, 289(1968), 20212093.

Ni X, et al. (2021) Massive cranium from Harbin in northeastern China establishes a new Middle Pleistocene human lineage. Innovation (Cambridge (Mass.)), 2(3), 100130.

Rollot Y, et al. (2021) A review of the carotid artery and facial nerve canal systems in extant

turtles. PeerJ, 8, e10475.