

Resource Summary Report

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MorphoSource

RRID:SCR_025654

Type: Tool

Proper Citation

MorphoSource (RRID:SCR_025654)

Resource Information

URL: <https://www.morphosource.org/>

Proper Citation: MorphoSource (RRID:SCR_025654)

Description: Publicly accessible 3D data repository where subject experts, educators, and general public can find, view, interact with, and download 3D and 2D media representing physical objects important to the world's natural history, cultural heritage, and scientific collections. Media data are contributed by a community that includes museums, institutions, researchers, scholars, and other subject experts who use MorphoSource to archive data, share findings, and increase scholarly impact. Contributed media represent both biological objects such as fossils and representatives of living species, as well as artifacts and objects created by humans that are critical to our shared cultural heritage.

Resource Type: database, data or information resource

Keywords: 3D media, 2D media, physical objects, natural history, cultural heritage, scientific collections, shared cultural heritage,

Funding: NSF ;
Duke University

Availability: Free, Freely available,

Resource Name: MorphoSource

Resource ID: SCR_025654

Alternate IDs: r3d100012224

Alternate URLs: <https://github.com/MorphoSource>, <https://doi.org/10.17616/R35Q0K>

Record Creation Time: 20240824T053240+0000

Record Last Update: 20260805T044552+0000

Ratings and Alerts

No rating or validation information has been found for MorphoSource.

No alerts have been found for MorphoSource.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 48 mentions in open access literature.

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

Balolia KL, et al. (2026) Taxonomic and sex differences in sagittal cresting among gracile and robust capuchin monkeys. *Journal of anatomy*, 248(1), 53.

Williams SA, et al. (2026) Earliest evidence of hominin bipedalism in *Sahelanthropus tchadensis*. *Science advances*, 12(1), eadv0130.

Aureliano T, et al. (2026) The origin and evolution of air sacs in pterosaurs and their forerunners. *Journal of anatomy*, 248(1), 94.

Wood-Bailey AP, et al. (2026) Factors impacting the complexity of the leporid intracranial joint. *Journal of anatomy*, 248(1), 28.

Vera-Becerra A, et al. (2026) Refined Surgical Protocol for the Insertion of Bioactive-coated Titanium Microscrews in the Rat Tibia. *In vivo* (Athens, Greece), 40(1), 159.

Tseng ZJ, et al. (2025) Bending performance changes during prolonged canine eruption in saber-toothed carnivores: A case study of *Smilodon fatalis*. *Anatomical record* (Hoboken, N.J. : 2007), 308(11), 2994.

Talamo S, et al. (2025) Boomerang and bones: Refining the chronology of the Early Upper Paleolithic at Ob?azowa Cave, Poland. *PloS one*, 20(6), e0324911.

Kligman BT, et al. (2025) Unusual bone bed reveals a vertebrate community with pterosaurs and turtles in equatorial Pangaea before the end-Triassic extinction. *Proceedings of the National Academy of Sciences of the United States of America*, 122(29), e2505513122.

Cisneros-Bernal AY, et al. (2025) Sticking our nose into the Sonorini tribe: A new genus and species of snake (Squamata: Colubridae: Sonorini) from the Balsas Basin of Mexico. *PloS one*, 20(12), e0337187.

Collins E, et al. (2025) A new twist in the evolution of chameleons uncovers an extremely specialized optic nerve morphology. *Scientific reports*, 15(1), 38270.

- Jensen B, et al. (2025) The simple morphology of the sunfish heart. *Journal of anatomy*, 246(6), 1034.
- Gray JA, et al. (2025) The Diffusion Diaries: Diffusible Iodine-Based Contrast-Enhanced Computed Tomography for Vertebrate Natural History Specimens. *Integrative organismal biology* (Oxford, England), 7(1), obaf014.
- von Baczko MB, et al. (2025) Biomechanical modeling of musculoskeletal function related to the terrestrial locomotion of *Riojasuchus tenuisiceps* (Archosauria: Ornithosuchidae). *Anatomical record* (Hoboken, N.J. : 2007), 308(2), 369.
- Serafini G, et al. (2025) Almost billfish: convergent longirostry, micro-dentition, and possible glandular sinuses in a large teleost fish from the Upper Cretaceous of Northern Italy. *Journal of anatomy*, 247(6), 1109.
- Serio C, et al. (2025) Three-dimensional geometric morphometric analyses of humerus ecomorphology: New perspectives for paleohabitat reconstruction in carnivorans and ungulates. *Anatomical record* (Hoboken, N.J. : 2007), 308(3), 946.
- Mouton A, et al. (2025) Genetic and Anatomical Determinants of Olfaction in Dogs and Wild Canids. *Molecular biology and evolution*, 42(3).
- Racicot RA, et al. (2025) Variation in whale (Cetacea) inner ear anatomy reveals the early evolution of "specialized" high-frequency hearing sensitivity. *Journal of anatomy*, 246(3), 363.
- Gurian KN, et al. (2025) Inter-Observer Processing and Measurement Error Are Low for 2D Dental Measurements on Shared microCT Scans. *American journal of biological anthropology*, 186(2), e70001.
- Dille M, et al. (2025) On the Fila Olfactoria and the Cribriform Region of the Crocodylia. *Journal of morphology*, 286(2), e70036.
- Beaudet A, et al. (2025) New insights into the first cervical vertebrae of *Otavipithecus* and *Nacholapithecus*. *Scientific reports*, 15(1), 24569.