## **Resource Summary Report**

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# Neotoma Paleoecology Database

RRID:SCR\_002190 Type: Tool

### **Proper Citation**

Neotoma Paleoecology Database (RRID:SCR\_002190)

### **Resource Information**

URL: http://www.neotomadb.org/

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**Description:** Paleoecology database for plio-pleistocene to holocene fossil data with a centralized structure for interdisciplinary, multiproxy analyses and common tool development; discipline-specific data can also be easily accessed. Data currently include North American Pollen (NAPD) and fossil mammals (FAUNMAP). Other proxies (plant macrofossils, beetles, ostracodes, diatoms, etc.) and geographic areas (Europe, Latin America, etc.) will be added in the near future. Data are derived from sites from the last 5 million years.

#### Abbreviations: Neotoma

Synonyms: NeotomaDB, Neotoma DB

**Resource Type:** service resource, production service resource, data analysis service, database, analysis service resource, data or information resource, storage service resource, data repository

Keywords: data sharing, paleoecology, plio-pleistocene, holocene, fossil

Funding: NSF

Availability: The community can contribute to this resource

Resource Name: Neotoma Paleoecology Database

Resource ID: SCR\_002190

Alternate IDs: nlx\_154700

Record Creation Time: 20220129T080212+0000

Record Last Update: 20250519T203204+0000

### **Ratings and Alerts**

No rating or validation information has been found for Neotoma Paleoecology Database.

No alerts have been found for Neotoma Paleoecology Database.

### Data and Source Information

Source: <u>SciCrunch Registry</u>

### **Usage and Citation Metrics**

We found 28 mentions in open access literature.

Listed below are recent publications. The full list is available at <u>dkNET</u>.

Liu H, et al. (2025) Spatiotemporal distribution of global peatland area during the Holocene. Scientific data, 12(1), 37.

Bhatta KP, et al. (2024) Latitudinal gradients in the phylogenetic assembly of angiosperms in Asia during the Holocene. Scientific reports, 14(1), 17940.

Gordon JD, et al. (2024) Floristic diversity and its relationships with human land use varied regionally during the Holocene. Nature ecology & evolution, 8(8), 1459.

Siciliano-Martina L, et al. (2024) Ecometrics demonstrates that the functional dental traits of carnivoran communities are filtered by climate. Ecology and evolution, 14(10), e70214.

Casas-Gallego M, et al. (2023) Cooling-induced expansions of Afromontane forests in the Horn of Africa since the Last Glacial Maximum. Scientific reports, 13(1), 10323.

Wang Y, et al. (2023) Plants maintain climate fidelity in the face of dynamic climate change. Proceedings of the National Academy of Sciences of the United States of America, 120(7), e2201946119.

Pearce EA, et al. (2023) Substantial light woodland and open vegetation characterized the temperate forest biome before Homo sapiens. Science advances, 9(45), eadi9135.

Camuera J, et al. (2023) Drought as a possible contributor to the Visigothic Kingdom crisis and Islamic expansion in the Iberian Peninsula. Nature communications, 14(1), 5733.

Bush MB, et al. (2022) Human-induced ecological cascades: Extinction, restoration, and rewilding in the Galápagos highlands. Proceedings of the National Academy of Sciences of the United States of America, 119(24), e2203752119.

Almeida AM, et al. (2022) Prediction scenarios of past, present, and future environmental suitability for the Mediterranean species Arbutus unedo L. Scientific reports, 12(1), 84.

Veeken A, et al. (2022) Pollen-based reconstruction reveals the impact of the onset of agriculture on plant functional trait composition. Ecology letters, 25(9), 1937.

Nanavati W, et al. (2022) Disentangling the last 1,000 years of human-environment interactions along the eastern side of the southern Andes (34-52°S lat.). Proceedings of the National Academy of Sciences of the United States of America, 119(9).

Dommain R, et al. (2022) Holocene bidirectional river system along the Kenya Rift and its influence on East African faunal exchange and diversity gradients. Proceedings of the National Academy of Sciences of the United States of America, 119(28), e2121388119.

Williams JW, et al. (2022) Bottom-up versus top-down megafauna-vegetation interactions in ancient Beringia. Proceedings of the National Academy of Sciences of the United States of America, 119(5).

Guirado E, et al. (2022) Climate legacies drive the distribution and future restoration potential of dryland forests. Nature plants, 8(8), 879.

Roos CI, et al. (2021) Native American fire management at an ancient wildland-urban interface in the Southwest United States. Proceedings of the National Academy of Sciences of the United States of America, 118(4).

Hamley KM, et al. (2021) Evidence of prehistoric human activity in the Falkland Islands. Science advances, 7(44), eabh3803.

Buckland PI, et al. (2019) Mid-Devensian climate and landscape in England: new data from Finningley, South Yorkshire. Royal Society open science, 6(7), 190577.

LeFebvre MJ, et al. (2019) ZooArchNet: Connecting zooarchaeological specimens to the biodiversity and archaeology data networks. PloS one, 14(4), e0215369.

Wang Y, et al. (2019) Bayesian ages for pollen records since the last glaciation in North America. Scientific data, 6(1), 176.