Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 27, 2025

AntWeb

RRID:SCR_004851
Type: Tool

Proper Citation

AntWeb (RRID:SCR_004851)

Resource Information

URL: http://www.antweb.org/

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Description: Database of images, specimen records, and natural history information on ants including Search Tools, Regional Lists, In Depth Information, Ant Image Comparison Tool, PDF Field Guides, Maps on AntWeb and Google Earth, and Ant Genera of the World Slideshow. It is community driven and open to contribution from anyone with specimen records, natural history comments, or images. As of February of 2013, AntWeb has 97,814 ant images, of 23,272 specimens representing over 10,549 species. AntWeb provides tools for submitting images, specimen records, annotating species pages, and managing regional species lists. AntWeb contains information on the ant faunas of several areas in the Nearctic and Malagasy biogeographic regions, and global coverage of all ant genera. AntWeb provides tools for exploring the diversity and identification of ants (Hymenoptera: Formicidae). These tools have been developed to encourage the study of ants, to facilitate the use of ants in inventory and monitoring programs, and to provide ant taxonomists with access to images of type specimens. AntWeb illustrates the diversity of ants by providing information and high quality color images of many of the approximately 10,000 known species of ants. AntWeb currently focuses on the species of the Nearctic and Malagasy biogeographic regions, and the ant genera of the world. Over time, the site will grow to describe every species of ant known.

Abbreviations: AntWeb

Resource Type: storage service resource, data or information resource, database, image repository, service resource, data repository

Keywords: image, FASEB list

Funding: Private donations ;
NSF DEB-0344731;
NSF EF-0431330

Availability: Creative Commons Attribution-ShareAlike License, Image:, Acknowledgement required, The community can contribute to this resource

Resource Name: AntWeb

Resource ID: SCR_004851

Alternate IDs: nlx_84285

Record Creation Time: 20220129T080226+0000

Record Last Update: 20250527T054806+0000

Ratings and Alerts

No rating or validation information has been found for AntWeb.

No alerts have been found for AntWeb.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 181 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Hita Garcia F, et al. (2025) ?A never-ending story: updated 3D cyber-taxonomic revision of the ant genus Zasphinctus Wheeler (Hymenoptera, Formicidae, Dorylinae) for the Afrotropical region. ZooKeys, 1223, 1.

Rasoarimalala NF, et al. (2024) Linear Morphometry of Male Genitalia Distinguishes the Ant Genera Monomorium and Syllophopsis (Hymenoptera: Formicidae) in Madagascar. Insects, 15(8).

Griebenow Z, et al. (2024) ?Systematic revision of the ant subfamily Leptanillinae (Hymenoptera, Formicidae). ZooKeys, 1189, 83.

Herrera HW, et al. (2024) ?The ants of the Galápagos Islands (Hymenoptera, Formicidae): a historical overview, checklist, and identification key. ZooKeys, 1191, 151.

Bell-Roberts L, et al. (2024) Larger colony sizes favoured the evolution of more worker castes in ants. Nature ecology & evolution, 8(10), 1959.

Jimoh BO, et al. (2024) A checklist of Nigerian ants (Hymenoptera, Formicidae): a review, new records and exotic species. Biodiversity data journal, 12, e99555.

Ward PS, et al. (2024) Reference genome of the bicolored carpenter ant, Camponotus vicinus. The Journal of heredity, 115(1), 120.

Lapeva-Gjonova A, et al. (2024) Further records of social parasitic ants in Europe and review of the Bulgarian species. Biodiversity data journal, 12, e123575.

Bujan J, et al. (2024) Insects in temperate urban parks face stronger selection pressure from the cold than the heat. Ecology and evolution, 14(8), e11335.

Báthori F, et al. (2024) Taxonomy of the Palearctic socially parasitic Temnothorax (Myrmoxenus) ants (Hymenoptera: Formicidae). PloS one, 19(10), e0308712.

Ehlers J, et al. (2024) Trophic Change and Community Decline in Acrobat Ants After Rainforest Conversion to Cash Crops. Ecology and evolution, 14(12), e70694.

Hamer MT, et al. (2024) ?The Leptogenys Roger, 1861 (Formicidae, Ponerinae) of Hong Kong SAR with additional records from Guangdong, China. ZooKeys, 1202, 169.

Bizarria R, et al. (2024) The Prevalence of Killer Yeasts in the Gardens of Fungus-Growing Ants and the Discovery of Novel Killer Toxin named Ksino. bioRxiv : the preprint server for biology.

Guerrero RJ, et al. (2024) ?The ants of the genus Rhopalothrix Mayr, 1870 (Hymenoptera, Formicidae, Myrmicinae) in Colombia. ZooKeys, 1191, 129.

Doering GN, et al. (2024) Emergent collective behavior evolves more rapidly than individual behavior among acorn ant species. Proceedings of the National Academy of Sciences of the United States of America, 121(48), e2420078121.

Rodríguez de León IR, et al. (2023) Ants of Mexico: Distribution and species richness in environments with varying levels of human impact. Biodiversity data journal, 11, e109794.

Ndaba A, et al. (2023) Now you see me, now you don't: verifying the absence of alien invasive yellow crazy ant Anoplolepis gracilipes in South Africa. Frontiers in insect science, 3, 1176810.

O'Fallon S, et al. (2023) Foraging behaviour affects nest architecture in a cross-species comparison of ant nests. Philosophical transactions of the Royal Society of London. Series B, Biological sciences, 378(1884), 20220146.

Fiorentino G, et al. (2023) Deep time extinction of largest insular ant predators and the first fossil Neoponera (Formicidae: Ponerinae) from Miocene age Dominican amber. BMC biology, 21(1), 26.

Kass JM, et al. (2023) Breakdown in seasonal dynamics of subtropical ant communities with land-cover change. Proceedings. Biological sciences, 290(2008), 20231185.