Resource Summary Report

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

Keywords: image, FASEB list

Funding: Private donations ;
NSF DEB-0344731;
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Resource Name: AntWeb

Resource ID: SCR_004851

Alternate IDs: nlx_84285

Record Creation Time: 20220129T080226+0000

Record Last Update: 20260806T054407+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 195 mentions in open access literature.

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

Chen C, et al. (2025) ?Revision of the Chinese species of the genus Brachyponera Emery, 1900 (Hymenoptera, Formicidae), with a key to the world species of the genus. ZooKeys, 1230, 247.

Koffi ADK, et al. (2025) A barcode database for insects associated with the spread of the Cocoa Swollen Shoot Virus Disease in Côte d'Ivoire. Biodiversity data journal, 13, e144017.

Vieira J, et al. (2025) Vertical Stratification Increases the Capacity of Morphological Traits to Predict Trophic Position in Neotropical Ants. Ecology and evolution, 15(7), e71850.

Doré M, et al. (2025) Evolutionary history of ponerine ants highlights how the timing of dispersal events shapes modern biodiversity. Nature communications, 16(1), 8297.

Matte A, et al. (2025) The evolution of cheaper workers facilitated larger societies and accelerated diversification in ants. Science advances, 11(51), eadx8068.

Reyes-López JL, et al. (2025) The Ant Genus Oxyopomyrmex Wheeler (Formicidae, Myrmicinae) from the Peninsula Iberica: Two New Species and New Distributional Data. Insects, 16(6).

Exélis MP, et al. (2025) The social organization of the Asian weaver ant colonies: A natural enemy novel sub-castes worker's functional activity findings. PloS one, 20(6), e0326030.

Aibekova L, et al. (2025) The Mesosoma of Protanilla (Leptanillinae) and the Groundplan of the Formicidae (Hymenoptera). Journal of morphology, 286(7), e70064.

López-Collar D, et al. (2025) The urban island: climatic suitability of Linepithema humile (Hymenoptera: Formicidae) and the role of cities in the invasion of the Western Palearctic. Integrative zoology, 20(6), 1169.

Cash EI, et al. (2025) Reference genome of the kidnapper ant, Polyergus mexicanus. The Journal of heredity, 116(3), 293.

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.

Hamer MT, et al. (2025) A revision of the rare Strumigenys mnemosyne (Formicidae; Myrmicinae) group using micro-CT scanning, with the description of three new species, and the virtual repair of a broken paratype. PloS one, 20(9), e0331762.

Gu Z, et al. (2025) Synopsis of Ant Genus Proceratium Roger, 1863 from China (Hymenoptera, Formicidae), with Description of Seven New Species. Insects, 16(10).

Aguilar-Colorado ÁS, et al. (2025) Harnessing Molecular and Bioactivity Network Analysis to Prioritize Antibacterial Compound Isolation From Ant-Associated Fungi. Phytochemical analysis : PCA, 36(5), 1351.

Prebus M, et al. (2025) Phylogenomics Resolve the Systematics and Biogeography of the Ant Tribe Myrmicini and Tribal Relationships within the Hyperdiverse Ant Subfamily Myrmicinae. Systematic biology, 74(4), 526.

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.

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

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