

Resource Summary Report

Generated by SPARC SAWG on Aug 8, 2026

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

Keywords: image, FASEB list

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

Resource Name: AntWeb

Resource ID: SCR_004851

Alternate IDs: nlx_84285

Record Creation Time: 20220129T080226+0000

Record Last Update: 20260808T190225+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 224 mentions in open access literature.

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

Bizarria R, et al. (2026) Novel killer yeasts and toxins from the gardens of fungus-growing ants. Applied and environmental microbiology, 92(2), e0224625.

Rasoamanana N, et al. (2026) Male-based key to genera for the subfamily Formicinae (Hymenoptera, Formicidae) in the Nearctic region. ZooKeys, 1280, 1.

Gray KW, et al. (2026) A case-based course teaching integrative taxonomy delimits three new ant species in the Pheidole sexspinosus complex (Hymenoptera, Formicidae) from Vanuatu. PeerJ, 14, e21333.

Medeiros S, et al. (2026) Central-marginal dynamics in Dinoponera quadricaps (Hymenoptera, Formicidae): activity density, body reduction and functional divergence. Die Naturwissenschaften, 113(4).

Cs?sz S, et al. (2026) Hungary's Current Climate Conditions Converge With the North-Mediterranean of the 1980s: A Case Study in Mediterranean Ant Species New to Hungary. Ecology and evolution, 16(2), e73096.

Boudinot BE, et al. (2026) Discovery of Goethe's amber ant: its phylogenetic and evolutionary implications. Scientific reports, 16(1), 2880.

Lourenço-Lima C, et al. (2026) Land Use Shapes Ant Communities: Functional and Compositional Differences Between Oak Forests and Chestnut Orchards in Mediterranean Mountain Landscapes of Northern Portugal. Insects, 17(5).

Turner J, et al. (2026) Larger colony sizes favour greater division of labour between queens and workers in ants. *Evolution; international journal of organic evolution*, 80(2), 312.

Brassard F, et al. (2026) Novel Worker-Like Behavior Observed in Gynes of the Social Parasite *Tetramorium microgyna*. *Ecology and evolution*, 16(1), e72960.

Zuanon LA, et al. (2026) Neotropical ants are at greater risk from global warming in savanna than in adjacent forest. *Ecology*, 107(5), e70413.

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.

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.

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.

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.

Fisher BL, et al. (2025) A genus-level classification of the ant subfamily Ponerinae (Hymenoptera, Formicidae). *ZooKeys*, 1264, 281.

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).