

Herrera, H. W. (2012). CDF Checklist of Galapagos Ants - FCD Lista de especies de Hormigas de Galápagos. *In*: Bungartz, F., Herrera, H., Jaramillo, P., Tirado, N., Jiménez-Uzcátegui, G., Ruiz, D., Guézou, A. Ziemmeck, F. (eds.). Charles Darwin Foundation Galapagos Species Checklist - Lista de Especies de Galápagos de la Fundación Charles Darwin. Charles Darwin Foundation / Fundación Charles Darwin, Puerto Ayora, Galapagos: <http://checklists.galadarwin.webfactional.com/terrestrial-invertebrates/formicidae/> Last updated 20 May 2012.

CDF Checklist of Galapagos Ants

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20 May 2012

This checklist is automatically generated using Version 3.0 of the online database CDF Galapagos Species Checklist.

Ants are social insects characterized by their bent antennae and a distinctive node-like body with a slender waist.

Ants form colonies that range in size from a few dozen individuals to highly organized ones with different castes such as “workers”, “soldiers”, and other specialized groups. Nearly all colonies have fertile males called “drones” and at least one fertile female called the “queen”.

Ants have colonized almost all terrestrial habitats on Earth except Antarctica. In Galapagos five subfamilies, 21 genera, and 48 ant species are currently known. Of these 44 species, *Camponotus macilentus*, *Camponotus planus*, *Cyphomyrmex nesiotus*, *Pheidole williamsi* are endemic. As many as 33 species are now known as introduced.

For marine species distribution data cited in the CDF Galapagos Checklists refer to the five main bioregions of the archipelago (Far Northern, Northern, Western, South Eastern and the Elithabeth Bay Bioregion). For the terrestrial species the more than 120 islands, islets and small rocks have been aggregated into Islands Groups, thus, for example, the island group “Santa Cruz” includes smaller islands like Santa Fé, Plaza Norte, Plaza Sur, Baltra, Daphne Mayor, Daphne Minor, and others.

Please be aware that the distribution data presented here is automatically generated from specimen records and does not always accurately reflect the known distribution for all species.

IUCN red-list assessments presented here may deviate from the global IUCN list for the following reasons:

- for well known species groups like vascular plants or vertebrates updates proposed to the IUCN are shown instead of the outdated, but currently accepted status;
- for poorly known species groups (e.g., lichenized fungi) a general assessment is currently not possible and the list presented here is a regional red-list list for Galapagos archipelago.

Names of taxa included in this checklist: 47 (37 Accepted , 1 Unidentified Taxon , 2 Doubtful , 4 Preliminary Identification , 1 Problematic , 2 New to Science).

Origin of the taxa included: 30 Accidental, 1 Questionable Accidental, 3 Questionable Native, 4 Endemic, 2 Questionable Endemic.

1. *Adelomyrmex myops* (Wheeler, 1910)
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Accidental.
Galapagos Distribution: Isabela.
References: Causton, C. et al. (2008).
2. *Brachymyrmex heeri* Forel, 1874
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Accidental.
Galapagos Distribution: Isabela, San Cristóbal, Santa Cruz.
References: Causton, C. et al. (2008).
3. *Camponotus conspicuus zonatus* Emery, 1894
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Accidental.
Galapagos Distribution: Floreana, Isabela, Marchena, Pinta, San Cristóbal, Santa Cruz, Santiago.
4. *Camponotus macilentus* F. Smith, 1877
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Endemic.
Galapagos Distribution: Fernandina, Isabela, Marchena, Pinta, Santa Cruz, Santiago.
References: Stitz, H. et al. (1932), von Aesch, L. et al. (2005).
5. *Camponotus planus* F. Smith, 1877
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Endemic.
Galapagos Distribution: Fernandina, Isabela, Marchena, San Cristóbal, Santa Cruz, Santiago.
References: Stitz, H. et al. (1932), von Aesch, L. et al. (2005).
6. *Cardiocondyla emeryi* Forel, 1881
Taxon status: Accepted name; taxon occurs in Galapagos.
Cardiocondyla emeryi Forel, 1881: 5 (w.) VIRGIN IS. Andr ©, 1881b: 69 (m.); Forel, 1904f: 422 (q.); Emery, 1909a: 26 (m. ergatoid m., not q.); Arnold, 1916: 201 (q.). Senior synonym of nereis: Wilson Taylor, 1967: 53; of monilicornis: Baroni Urbani, 1973: 200; of mahdii, mauritia, rasalamae: Bolton, 1982: 312. See also: Smith, M.R. 1944a: 33; Kugler, J. 1984: 3; Seifert, 2003a: 276. Current subspecies: nominal plus fezzanensis.
Origin: Introduced, Accidental.
Galapagos Distribution: Floreana, Genovesa, Isabela, Marchena, Pinta, San Cristóbal, Santa Cruz, Santiago, Wolf.
References: von Aesch, L. et al. (2005).
7. *Cardiocondyla minutior* Forel, 1899
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Accidental.
Galapagos Distribution: Fernandina, Floreana, Isabela, Marchena, Pinta, San Cristóbal, Santa Cruz, Santiago, Wolf.
8. *Cardiocondyla nuda* (Mayr, 1866)
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Accidental.
Galapagos Distribution: Unknown.
References: von Aesch, L. et al. (2005).
9. *Crematogaster "JTL-022"*
Taxon status: Identification not yet confirmed.
Origin: Introduced, Accidental.

Galapagos Distribution: San Cristóbal.

10. *Crematogaster curvispinosa* Mayr, 1862
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Accidental.
Galapagos Distribution: Santa Cruz.
11. *Cylindromyrmex whymperi* (Cameron, 1891)
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Holcoponera whymperi* Cameron, 1891: 92, fig. (w.) ECUADOR. Combination in *Cylindromyrmex*: Forel, 1892f: 256. Junior synonym of *striatus*: Emery, 1901a: 54. Revived from synonymy and senior synonym of *schmidti*, *tibialis*, *williamsi*: De Andrade, 1998a: 596.
Origin: Introduced, Questionable Accidental.
Galapagos Distribution: Isabela, Santa Cruz.
12. *Cyphomyrmex nesiotus* Snelling Longino, 1992
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Endemic.
Galapagos Distribution: Isabela.
13. *Cyphomyrmex rimosus* (Spinola, 1851)
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Accidental.
Galapagos Distribution: Isabela, San Cristóbal, Santa Cruz.
References: Causton, C. et al. (2008).
14. *Cyphomyrmex sp. nov. "hh04"*
Taxon status: Unpublished name (Nomen nudum).
Galapagos Distribution: Santa Cruz.
15. *Dorymyrmex pyramicus albemarlensis* Wheeler, 1919
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, No Data.
Galapagos Distribution: Española, Fernandina, Genovesa, Isabela, Marchena, Pinta, Santa Cruz.
References: Wheeler, W.M. et al. (1924), Wheeler, W.M. et al. (1933).
16. *Hypoconera opaciceps* (Mayr, 1887)
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Accidental.
Galapagos Distribution: Fernandina, Isabela, Santa Cruz.
17. *Hypoconera punctatissima* (Roger, 1859)
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Accidental.
Galapagos Distribution: Unknown.
References: Causton, C. et al. (2008).
18. *Hypoconera sp.*
Taxon status: Taxon not identified to species, subspecies, form or variety.
Galapagos Distribution: Floreana, Isabela, San Cristóbal, Santa Cruz, Santiago.
References: von Aesch, L. et al. (2005).
19. *Leptogenys "jel-san"*
Taxon status: Identification not yet confirmed.
Origin: Native, Questionable Endemic.
Galapagos Distribution: Santa Cruz.
20. *Leptogenys sp. nov. "hh03"*
Taxon status: Unpublished name (Nomen nudum).
Galapagos Distribution: Unknown.
21. *Monomorium destructor* (Jerdon, 1851)
Taxon status: Accepted name; taxon occurs in Galapagos.

- Origin:** Introduced, Accidental.
Galapagos Distribution: Floreana, Santa Cruz.
References: Causton, C. et al. (2008), von Aesch, L. et al. (2005).
22. *Monomorium floricola* (Jerdon, 1851)
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Accidental.
Galapagos Distribution: Española, Fernandina, Floreana, Genovesa, Isabela, Marchena, Pinta, San Cristóbal, Santa Cruz, Santiago.
References: Causton, C. et al. (2008), Linsley, E.G. et al. (1966), Palacios, R.A. et al. (1975), Peck, S.B. et al. (1998), von Aesch, L. et al. (2005), Wheeler, W.M. et al. (1924).
23. *Nylanderia fulva nesiotis* Wheeler, 1919
Taxon status: Taxonomic status unresolved or unrevised.
Prenolepis fulva Mayr, 1862: 698 (w.q.) BRAZIL. Forel, 1891b: 94 (m.); Forel, 1912i: 67 (m.). Combination in Pr. (Nylanderia): Forel, 1908b: 67; in Paratrechina (Nylanderia): Emery, 1925b: 222; in Nylanderia: Kempf, 1972a: 166; in Paratrechina: Snelling, R.R. Hunt, 1976: 122; in Nylanderia: LaPolla, Brady Shattuck, 2010a: 127. Senior synonym of fumata: Wild, 2007b: 45. See also: Fernández, 2000: 146; Fox, et al. 2010: 795. Current subspecies: nominal plus biolleyi, cubana, fumatipennis, incisa, longiscapa, nesiotis.
Galapagos Distribution: Unknown.
24. *Odontomachus bauri* Emery, 1892
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Questionable Native.
Galapagos Distribution: Floreana, Isabela, San Cristóbal, Santa Cruz.
References: Linsley, E.G. et al. (1966), von Aesch, L. et al. (2005).
25. *Odontomachus ruginodis* Smith, 1937
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Accidental.
Galapagos Distribution: Santa Cruz.
26. *Paratrechina longicornis* (Latreille, 1802)
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Accidental.
Galapagos Distribution: Española, Floreana, Isabela, San Cristóbal, Santa Cruz.
References: Linsley, E.G. et al. (1966), von Aesch, L. et al. (2005), Wheeler, W.M. et al. (1933).
27. *Paratrechina steinheili* (Forel, 1893)
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Accidental.
Galapagos Distribution: San Cristóbal, Santa Cruz.
28. *Paratrechina vaga* (Forel, 1901)
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, No Data.
Galapagos Distribution: Unknown.
29. *Pheidole "hh01"*
Taxon status: Identification not yet confirmed.
Galapagos Distribution: Santa Cruz.
30. *Pheidole aff. megacephala* (Fabricius, 1793)
Taxon status: Identification not yet confirmed.
Origin: Introduced, Accidental.
Galapagos Distribution: San Cristóbal, Santa Cruz.
31. *Pheidole cf. williamsi* Wheeler, 1919
Taxon status: The identification of this taxon or its occurrence in Galapagos is doubtful.
Galapagos Distribution: San Cristóbal, Santa Cruz.

32. *Pheidole flavens* Roger, 1863
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Accidental.
Galapagos Distribution: Isabela, San Cristóbal, Santa Cruz.
33. *Pheidole williamsi* Wheeler, 1919
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Endemic.
Galapagos Distribution: Isabela, Pinta, Santa Cruz.
34. *Pyramica membranifera* (Emery, 1869)
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Accidental.
Galapagos Distribution: Unknown.
References: Causton, C. et al. (2008).
35. *Rogeria curvipubens* Emery, 1894
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Accidental.
Galapagos Distribution: Isabela, Santa Cruz.
References: Causton, C. et al. (2008).
36. *Solenopsis geminata* (Fabricius, 1804)
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Accidental.
Galapagos Distribution: Floreana, Isabela, San Cristóbal, Santa Cruz.
References: Causton, C. et al. (2008), Herrera, H.W. et al. (2008), Peck, S.B. et al. (1998), von Aesch, L. et al. (2005).
37. *Solenopsis globularia pacifica* Wheeler, 1919
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Questionable Native.
Galapagos Distribution: Española, Fernandina, Floreana, Genovesa, Isabela, Pinta, San Cristóbal, Santa Cruz, Santiago.
References: Linsley, E.G. et al. (1966), von Aesch, L. et al. (2005), Wheeler, W.M. et al. (1924).
38. *Solenopsis gnoma* Pacheco, Herrera Mackay, 2007
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Questionable Endemic.
Galapagos Distribution: Isabela, Santa Cruz.
References: Pacheco, J. et al. (2007).
39. *Strumigenys emmae* (Emery, 1890)
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Accidental.
Galapagos Distribution: Floreana, Isabela.
40. *Strumigenys louisianae* Roger, 1863
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Accidental.
Galapagos Distribution: Floreana, Isabela, San Cristóbal, Santa Cruz.
References: von Aesch, L. et al. (2005).
41. *Tapinoma melanocephalum* (Fabricius, 1793)
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Accidental.
Galapagos Distribution: Fernandina, Floreana, Isabela, Marchena, Pinta, San Cristóbal, Santa Cruz, Santiago.
References: Linsley, E.G. et al. (1966), Peck, S.B. et al. (1998), von Aesch, L. et al. (2005), Wheeler, W.M. et al. (1924).

42. *Tetramorium bicarinatum* (Nylander, 1846)
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Accidental.
Galapagos Distribution: Española, Fernandina, Floreana, Genovesa, Isabela, San Cristóbal, Santa Cruz, Santiago.
References: von Aesch, L. et al. (2005).
43. *Tetramorium caldarium* (Roger, 1857)
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Accidental.
Galapagos Distribution: Floreana.
References: von Aesch, L. et al. (2005).
44. *Tetramorium cf. lanuginosum* Mayr, 1810
Taxon status: The identification of this taxon or its occurrence in Galapagos is doubtful.
Origin: Introduced, Accidental.
Galapagos Distribution: Santa Cruz.
45. *Tetramorium lanuginosum* Mayr, 1870
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Accidental.
Galapagos Distribution: Floreana, San Cristóbal, Santa Cruz, Wolf.
46. *Tetramorium simillimum* (F. Smith, 1851)
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Accidental.
Galapagos Distribution: Española, Floreana, Isabela, San Cristóbal, Santa Cruz, Santiago.
References: Linsley, E.G. et al. (1966), von Aesch, L. et al. (2005), Wheeler, W.M. et al. (1933).
47. *Wasmannia auropunctata* (Roger, 1863)
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Accidental.
Galapagos Distribution: Española, Floreana, Isabela, Marchena, San Cristóbal, Santa Cruz, Santiago.
References: Causton, C. et al. (2008), Herrera, H.W. et al. (2008), Linsley, E.G. et al. (1977), Peck, S. et al. (1986), Peck, S.B. et al. (1998), von Aesch, L. et al. (2005).

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