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CDF Checklist of Galapagos Ants, bees, wasps and related groups

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

The **Hymenoptera** are among largest orders of insects, comprising diverse groups like sawflies, wasps, bees, termites, and ants.

The name refers to their transparent wings, from the Greek *hymen* meaning “membrane” and *pteron* meaning “wing”.

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for well known species groups like vascular plants or vertebrates updates proposed to the IUCN are shown instead of the outdated, but currently accepted status;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: 76 (63 Accepted , 1 Unidentified Taxon , 2 Doubtful , 4 Preliminary Identification , 4 Problematic , 2 New to Science).

Origin of the taxa included: 53 Accidental, 1 Questionable Accidental, 3 Questionable Native, 6 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. *Anagyrus trinidadensis* (Kerrich, 1953)
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: Apoanagyrus trinidadensis (Kerrick, 1953)
Origin: Introduced, Accidental.
Galapagos Distribution: Unknown.
References: Peck, S.B. et al. (1998).
3. *Aphytis acutaspidis* Rosen DeBach, 1979
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Accidental.
Galapagos Distribution: Unknown.
References: Peck, S.B. et al. (1998).
4. *Brachygastra lecheguana* (Latreille, 1824)
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Accidental.
Galapagos Distribution: San Cristóbal.
References: Causton, C. et al. (2008), Peck, S.B. et al. (1998).
5. *Brachymeria cabira* (Walker, 1838)
Taxon status: Accepted name; taxon occurs in Galapagos.
Galapagos Distribution: Isabela, San Cristóbal.
6. *Brachymeria funscolombi* (Dufoni)
Taxon status: Accepted name; taxon occurs in Galapagos.
Galapagos Distribution: Isabela, San Cristóbal.
7. *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).
8. *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.
9. *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).
10. *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).
11. *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).

12. *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.

13. *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).

14. *Centrodora mireyae* (DeSantis, 1981)

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Accidental.

Galapagos Distribution: Unknown.

References: Peck, S.B. et al. (1998).

15. *Centrodora perkinsi* (Waterston, 1917)

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Accidental.

Galapagos Distribution: Unknown.

References: Peck, S.B. et al. (1998).

16. *Cheiloneurus elegans* (Dalmon, 1820)

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Cheiloneurus elegans elegantissimus* DeSantis, 1964

Origin: Introduced, Accidental.

Galapagos Distribution: Unknown.

References: Peck, S.B. et al. (1998).

17. *Coccophagus rusti* Compere, 1928

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Accidental.

Galapagos Distribution: Unknown.

References: Peck, S.B. et al. (1998).

18. *Conura femorata* (Fabricius, 1775)

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Accidental.

Galapagos Distribution: Floreana, Isabela, San Cristóbal.

References: Peck, S.B. et al. (1998).

19. *Crematogaster "JTL-022"*

Taxon status: Identification not yet confirmed.

Origin: Introduced, Accidental.

Galapagos Distribution: San Cristóbal.

20. *Crematogaster curvispinosa* Mayr, 1862

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Accidental.

Galapagos Distribution: Santa Cruz.

21. *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.

22. *Cyphomyrmex nesiotus* Snelling Longino, 1992

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Endemic.

Galapagos Distribution: Isabela.

23. *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).

24. *Cyphomyrmex sp. nov. "hh04"*

Taxon status: Unpublished name (Nomen nudum).

Galapagos Distribution: Santa Cruz.

25. *Diplazon laetatorius* Fabricius, 1781

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Accidental.

Galapagos Distribution: Unknown.

References: Peck, S.B. et al. (1998).

26. *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).

27. *Encarsia citrina* (Craw, 1891)

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Accidental.

Galapagos Distribution: Unknown.

References: Peck, S.B. et al. (1998).

28. *Encarsia diaspidicola* (Silvestri, 1909)

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Accidental.

Galapagos Distribution: Unknown.

References: Peck, S.B. et al. (1998).

29. *Encarsia pergandiella* Howard, 1907

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Accidental.

Galapagos Distribution: Unknown.

References: Peck, S.B. et al. (1998).

30. *Evania appendigaster* (Linnaeus, 1758)

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Accidental.

Galapagos Distribution: Unknown.

References: Peck, S.B. et al. (1998).

31. *Hypoponera beebei* (Wheeler, 1924)

Taxon status: Taxonomic status unresolved or unrevised.

Galapagos Distribution: Unknown.

32. *Hypoconerops opaciceps* (Mayr, 1887)

Taxon status: Accepted name; taxon occurs in Galapagos.

- Origin:** Introduced, Accidental.
Galapagos Distribution: Fernandina, Isabela, Santa Cruz.
33. *Hypoponera punctatissima* (Roger, 1859)
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Accidental.
Galapagos Distribution: Unknown.
References: Causton, C. et al. (2008).
34. *Hypoponera* 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).
35. *Leptogenys "jel-san"*
Taxon status: Identification not yet confirmed.
Origin: Native, Questionable Endemic.
Galapagos Distribution: Santa Cruz.
36. *Leptogenys* sp. nov. "hh03"
Taxon status: Unpublished name (Nomen nudum).
Galapagos Distribution: Unknown.
37. *Macroteleia absona* Muesebeck, 1977
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Accidental.
Galapagos Distribution: Unknown.
References: Peck, S.B. et al. (1998).
38. *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).
39. *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).
40. *Monomorium pharaonis* Linnaeus, 1758
Taxon status: Taxonomic status unresolved or unrevised.
Galapagos Distribution: Unknown.
41. *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.
42. *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).

43. *Odontomachus ruginodis* Smith, 1937
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Accidental.
Galapagos Distribution: Santa Cruz.
44. *Odynerus galapagensis* Williams, 1926
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Endemic.
Galapagos Distribution: Isabela.
References: Linsley, E.G. et al. (1966), Williams, F.X. et al. (1926).
45. *Orasema costaricensis* Wheeler Wheeler, 1937
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Accidental.
Galapagos Distribution: Unknown.
References: Peck, S.B. et al. (1998).
46. *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).
47. *Paratrechina steinheili* (Forel, 1893)
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Accidental.
Galapagos Distribution: San Cristóbal, Santa Cruz.
48. *Paratrechina vaga* (Forel, 1901)
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, No Data.
Galapagos Distribution: Unknown.
49. *Pheidole "hh01"*
Taxon status: Identification not yet confirmed.
Galapagos Distribution: Santa Cruz.
50. *Pheidole aff. megacephala* (Fabricius, 1793)
Taxon status: Identification not yet confirmed.
Origin: Introduced, Accidental.
Galapagos Distribution: San Cristóbal, Santa Cruz.
51. *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.
52. *Pheidole flavens* Roger, 1863
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Accidental.
Galapagos Distribution: Isabela, San Cristóbal, Santa Cruz.
53. *Pheidole williamsi* Wheeler, 1919
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Endemic.
Galapagos Distribution: Isabela, Pinta, Santa Cruz.
54. *Polistes versicolor* (Oliver, 1791)
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Accidental.
Galapagos Distribution: Floreana, Isabela, San Cristóbal.
References: Causton, C. et al. (2008), Peck, S.B. et al. (1998).

55. *Pteroptrix albifemur* (Girault, 1915)
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Archenomus imitatrix* (Fullaway)
Origin: Introduced, Accidental.
Galapagos Distribution: Unknown.
References: Peck, S.B. et al. (1998).
56. *Pyramica membranifera* (Emery, 1869)
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Accidental.
Galapagos Distribution: Unknown.
References: Causton, C. et al. (2008).
57. *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).
58. *Sceliphron caementarium* (Drury, 1773)
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Accidental.
Galapagos Distribution: Unknown.
References: Causton, C. et al. (2008).
59. *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).
60. *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).
61. *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).
62. *Spalangia cameroni* Perkins, 1910
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Accidental.
Galapagos Distribution: Unknown.
References: Peck, S.B. et al. (1998).
63. *Spalangia drosophilae* Ashmead, 1887
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Accidental.
Galapagos Distribution: Unknown.
References: Peck, S.B. et al. (1998).
64. *Spalangia endius* Walker, 1839
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Accidental.
Galapagos Distribution: Unknown.

- References:** Peck, S.B. et al. (1998).
65. *Strumigenys emmae* (Emery, 1890)
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Accidental.
Galapagos Distribution: Floreana, Isabela.
66. *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).
67. *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).
68. *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).
69. *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).
70. *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.
71. *Tetramorium lanuginosum* Mayr, 1870
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Accidental.
Galapagos Distribution: Floreana, San Cristóbal, Santa Cruz, Wolf.
72. *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).
73. *Trissolcus teretis* Johnson
Taxon status: Taxonomic status unresolved or unrevised.
Origin: Introduced, Accidental.
Galapagos Distribution: Unknown.
References: Peck, S.B. et al. (1998).
74. *Venturia canescens* Gravenhorst, 1829
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Accidental.
Galapagos Distribution: San Cristóbal.
References: Peck, S.B. et al. (1998).

75. *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).
76. *Xylocopa darwini* Cockerell, 1926
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Endemic.
Galapagos Distribution: Floreana, Isabela.
References: Cockerell, T.D.A. et al. (1935), Linsley, E.G. et al. (1966).

References:

1. Causton, C., Sevilla, C. (2008) *Latest records of introduced invertebrates in Galapagos and measures to control them. In: Galapagos Report 2006-2007.* CDF, GNP and INGALA, Pueto Ayora, Galapagos, Ecuador, 142-145 p.
2. Cockerell, T.D.A. (1935) *The Templeton Crocker Expedition of the California Academy of Sciences, 1932 No. 28 The Carpenter Bees of the Galapagos Islands.* Proceedings of the California Academy of Sciences Fourth Series 21(28): 379-382.
3. Herrera, H.W., Causton, C.E. (2008) *Distribution of Fire Ants Solenopsis geminata and Wasmannia auropunctata (Hymenoptera: Formicidae) in the Galapagos Islands.* Galapagos Research 65: 11-14.
4. Linsley, E.G., Usinger, R.L. (1966) *Insects of the Galápagos Islands.* Proceedings of the California Academy of Sciences Fourth Series 33(7): 113-196.
5. Linsley, E.G. (1977) *Insects of the Galápagos (Supplement).* Occasional Papers of the California Academy of Sciences 125: 1-50.
6. Pacheco, J., Herrera, H.W. Mackay, W. (2007) *A new species of Thief Ant of the Genus Solenopsis from the Galápagos Islands (Hymenoptera: Formicidae).* Sociobiology 50(3): 1075-1086.
7. Palacios, R.A., Bravo, L.D. (1975) *Estudio morfológico de las semillas de Prosopis, II: Algunas especies Norteamericanas y Neotropicales.* Darwiniana 19(2-4): 357-372.
8. Peck, S., Peck, J. (1986) *The Galapagos Islands volcanic caves and cave fauna of the Galapagos Islands.* The Canadian Caver 18(1): 42-49.
9. Peck, S.B., Heraty, J., Landry, B. Sinclair, B.J. (1998) *Introduced insect fauna of an oceanic archipelago: The Galápagos Islands, Ecuador.* Am. Entomol. 44: 218-237.
10. Stitz, H. (1932) *The Norwegian Zoological Expedition to the Galapagos Islands 1925, Conducted by Alf Wollebæk. 5. Formicidae.* Med. Zool. Mus., Oslo 31: 367-372.
11. Wheeler, W.M. (1924) *The Formicidae of the Harrison Williams Galapagos Expedition.* Zoologica 5(10): 101-122.
12. Wheeler, W.M. (1933) *The Templeton Crocker Expedition of the California Academy of Sciences, 1932. No. 6 Formicidae of the Templeton Crocker Expedition.* Proc. Cal. Acad. Sc., Fourth Series 21(6): 57-64.
13. Williams, F.X. (1926) *Expedition of the California Academy of Sciences to the Galapagos Islands, 1905-1906. The bees and aculeate wasps of the Galapagos Islands.* Proceedings of the California Academy of Sciences Fourth Series 2(18): 347-357
14. von Aesch, L., Cherix, D. (2005) *Introduced Ant Species and Mechanisms of Competition on Floreana Island (Galápagos, Ecuador) (Hymenoptera: Formicidae).* Sociobiology 45(2): 463-481.