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CDF Checklist of Galapagos Booklice and barklice

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

The Order **Orthoptera** contains a varied assemblage of insects, which are usually herbivores, but some may be predators or scavengers. Considering the richness of the mainland Ecuador fauna, the island fauna are highly impoverished.

Colonization may have been by flight (and wind) for strong fliers such as *Schistocerca*, *Sphingonotus*, and *Neoconocephalus*.

Rafting is more likely for weak fliers and flightless groups, especially in the Gryllidae (Nemobiinae and Mogoplistinae).

Seventy-four percent of the endemic species are flightless. Loss of flight ability on the Galapagos has occurred in *Halmenus* (maybe it is a descendent from a *Schistocerca* locust), *Closteridea*, *Gryllus*, and *Conocephalus*. Of special note is the evolution of the two species of eyeless subterranean *Anurogryllus* crickets. No eyed ancestor of these is known in the islands. Evolution of endemics in the Orthoptera has been relatively frequent when compared to most other insect groups.

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for well known species groups like vascular plants or vertebrates updates proposed to the IUCN are shown instead of the outdated, but currently accepted status;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: 44 (40 Accepted , 4 Unidentified Taxon).

Origin of the taxa included: 10 Accidental, 5 Questionable Accidental, 5 Questionable Native, 21 Endemic, 1 Indigenous, 2 Questionable Endemic.

1. *Aaroniella galapagensis* Thornton Woo, 1973
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Endemic.
Galapagos Distribution: Española, Floreana, Isabela, San Cristóbal, Santa Cruz, Santiago.
References: Linsley, E.G. et al. (1977), Peck, S.B. et al. (2001), Thornton, I.W.B. et al. (1973).
2. *Archipsocus spinosus* Thornton, Lee Chui, 1972
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Questionable Accidental.
Galapagos Distribution: Isabela, Pinta, San Cristóbal, Santa Cruz, Santa Fé.
References: Linsley, E.G. et al. (1977), Peck, S.B. et al. (1998), Peck, S.B. et al. (2001), Thornton, I.W.B. et al. (1973).
3. *Blaste uncinata* Thornton Woo, 1973
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Endemic.
Galapagos Distribution: Floreana, Isabela, Santa Cruz, Santiago.
References: Linsley, E.G. et al. (1977), Peck, S.B. et al. (2001), Thornton, I.W.B. et al. (1973).
4. *Caecilius antillanus* Thornton Woo, 1973
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Questionable Native.
Galapagos Distribution: Floreana, San Cristóbal.
References: Linsley, E.G. et al. (1977), Peck, S.B. et al. (2001), Thornton, I.W.B. et al. (1973).
5. *Caecilius distinctus* Thornton Woo, 1973
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Questionable Native.
Galapagos Distribution: San Cristóbal.
References: Linsley, E.G. et al. (1977), Peck, S.B. et al. (2001), Thornton, I.W.B. et al. (1973).
6. *Caecilius insularum* Mockford, 1966
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Questionable Native.
Galapagos Distribution: Isabela, Santa Cruz, Santiago.
References: Linsley, E.G. et al. (1977), Peck, S.B. et al. (1998), Peck, S.B. et al. (2001), Thornton, I.W.B. et al. (1973).
7. *Cerobasis lambda* Thornton Woo, 1973
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Endemic.
Galapagos Distribution: Pinzón, San Cristóbal, Santiago.
References: Linsley, E.G. et al. (1977), Peck, S.B. et al. (2001), Thornton, I.W.B. et al. (1973).
8. *Cerobasis recta* Thornton Woo, 1973
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Endemic.
Galapagos Distribution: Santiago.
References: Linsley, E.G. et al. (1977), Peck, S.B. et al. (2001), Thornton, I.W.B. et al. (1973).
9. *Cerobasis treptica* Thornton Woo, 1973
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Endemic.
Galapagos Distribution: Darwin, Española, Fernandina, Floreana, Genovesa, Isabela, Marchena, Pinta, Pinzón, San Cristóbal, Santa Cruz, Santa Fé, Santiago, Wolf.
References: Linsley, E.G. et al. (1977), Peck, S.B. et al. (2001), Thornton, I.W.B. et al. (1973).

10. *Echmepteryx aperta* Thornton Woo, 1973
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Endemic.
Galapagos Distribution: Floreana, Isabela, San Cristóbal, Santa Cruz.
References: Linsley, E.G. et al. (1977), Peck, S.B. et al. (2001), Thornton, I.W.B. et al. (1973).
11. *Echmepteryx lunulata* Thornton, Lee Chui, 1972
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
Galapagos Distribution: Floreana, Isabela, Pinta, San Cristóbal, Santa Cruz, Santiago.
References: Linsley, E.G. et al. (1977), Peck, S.B. et al. (2001), Thornton, I.W.B. et al. (1973).
12. *Echmepteryx madagascariensis* (Kolbe, 1885)
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Accidental.
Galapagos Distribution: Floreana, Isabela, Santa Cruz.
References: Linsley, E.G. et al. (1977), Peck, S.B. et al. (1998), Peck, S.B. et al. (2001), Thornton, I.W.B. et al. (1973).
13. *Ectopsocus maindroni* Badonnel, 1935
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Accidental.
Galapagos Distribution: Genovesa, Isabela, San Cristóbal, Santa Cruz.
References: Linsley, E.G. et al. (1977), Peck, S.B. et al. (1998), Peck, S.B. et al. (2001), Thornton, I.W.B. et al. (1973).
14. *Ectopsocus meridionalis* Ribaga, 1904
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Accidental.
Galapagos Distribution: Isabela, Pinta, Santa Cruz, Santiago.
References: Linsley, E.G. et al. (1977), Peck, S.B. et al. (1998), Peck, S.B. et al. (2001), Thornton, I.W.B. et al. (1973).
15. *Ectopsocus richardsi* (Pearman, 1929)
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Accidental.
Galapagos Distribution: Santa Cruz.
References: Linsley, E.G. et al. (1977), Peck, S.B. et al. (1998), Peck, S.B. et al. (2001), Thornton, I.W.B. et al. (1973).
16. *Ectopsocus sp.*
Taxon status: Taxon not identified to species, subspecies, form or variety.
Origin: Native, Questionable Endemic.
Galapagos Distribution: Española, Fernandina, Floreana, Genovesa, Isabela, Pinta, Pinzón, San Cristóbal, Santa Cruz, Santiago, Wolf.
References: Linsley, E.G. et al. (1977), Peck, S.B. et al. (2001), Thornton, I.W.B. et al. (1973).
17. *Ectopsocus sp. 1*
Taxon status: Taxon not identified to species, subspecies, form or variety.
Origin: Native, Questionable Endemic.
Galapagos Distribution: Unknown.
References: Peck, S.B. et al. (2001).
18. *Embidopsocus pauliani* Badonnel, 1955
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Questionable Accidental.
Galapagos Distribution: San Cristóbal.
References: Linsley, E.G. et al. (1977), Peck, S.B. et al. (1998), Peck, S.B. et al. (2001), Thornton, I.W.B. et al. (1973).

19. *Embidopsocus thorntoni* Badonnel, 1955
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Endemic.
Galapagos Distribution: Santa Cruz.
References: Badonnel, A. et al. (1971), Linsley, E.G. et al. (1977), Peck, S.B. et al. (2001), Thornton, I.W.B. et al. (1973).
20. *Epipsocus campanulatus* Thornton Woo, 1973
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Endemic.
Galapagos Distribution: Isabela, San Cristóbal, Santa Cruz.
References: Linsley, E.G. et al. (1977), Peck, S.B. et al. (2001), Thornton, I.W.B. et al. (1973).
21. *Indiopsocus acraea* (Thornton Woo, 1973)
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Endemic.
Galapagos Distribution: Floreana, Isabela, Pinzón, San Cristóbal, Santiago.
References: Peck, S.B. et al. (2001).
22. *Indiopsocus dentata* (Thornton Woo, 1973)
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Endemic.
Galapagos Distribution: Fernandina, Floreana, Genovesa, Isabela, Marchena, Pinta, Pinzón, San Cristóbal, Santa Cruz, Santa Fé, Santiago.
References: Peck, S.B. et al. (2001).
23. *Indiopsocus marta* (Thornton Woo, 1973)
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Endemic.
Galapagos Distribution: Floreana, San Cristóbal, Santa Cruz, Wolf.
References: Peck, S.B. et al. (2001).
24. *Lachesilla aethiopica* Enderlein, 1902
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Questionable Accidental.
Galapagos Distribution: Floreana, Santa Cruz, Santiago.
References: Linsley, E.G. et al. (1977), Peck, S.B. et al. (1998), Peck, S.B. et al. (2001), Thornton, I.W.B. et al. (1973).
25. *Lachesilla castroi* Thornton Woo, 1973
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Endemic.
Galapagos Distribution: Fernandina, Floreana, Genovesa, Isabela, Marchena, Pinta, Pinzón, San Cristóbal, Santa Cruz, Santiago, Wolf.
References: Linsley, E.G. et al. (1977), Peck, S.B. et al. (2001), Thornton, I.W.B. et al. (1973).
26. *Lepidopsocus maculatus* Thornton, Lee Chui, 1972
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Questionable Native.
Galapagos Distribution: Fernandina, Floreana, Genovesa, Isabela, Pinzón, San Cristóbal, Santa Cruz, Santiago.
References: Linsley, E.G. et al. (1977), Peck, S.B. et al. (2001), Thornton, I.W.B. et al. (1973).
27. *Lichenomima chelata* Thornton Woo, 1973
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Endemic.
Galapagos Distribution: Española, Floreana, Isabela, San Cristóbal, Santa Cruz, Santa Fé, Santiago.
References: Peck, S.B. et al. (2001).

28. *Liposcelis entomophila* (Enderlein, 1907)
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Accidental.
Galapagos Distribution: Pinzón.
References: Linsley, E.G. et al. (1977), Peck, S.B. et al. (2001), Thornton, I.W.B. et al. (1973).
29. *Nepticulomima cavagnaroi* Thornton Woo, 1973
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Endemic.
Galapagos Distribution: Isabela, San Cristóbal, Santa Cruz.
References: Linsley, E.G. et al. (1977), Peck, S.B. et al. (2001), Thornton, I.W.B. et al. (1973).
30. *Pachytroctes achrosta* Thornton Woo, 1973
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Endemic.
Galapagos Distribution: Santa Cruz.
References: Linsley, E.G. et al. (1977), Peck, S.B. et al. (2001), Thornton, I.W.B. et al. (1973).
31. *Peripsocus pauliani* Badonnel, 1949
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Accidental.
Galapagos Distribution: Española, Fernandina, Floreana, Genovesa, Isabela, Marchena, Pinta, Pinzón, San Cristóbal, Santa Cruz, Santiago, Wolf.
References: Linsley, E.G. et al. (1977), Peck, S.B. et al. (1998), Peck, S.B. et al. (2001), Thornton, I.W.B. et al. (1973).
32. *Peripsocus potosi* Mockford, 1971
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Questionable Native.
Galapagos Distribution: Floreana, Isabela, Pinta, San Cristóbal, Santa Cruz, Santiago.
References: Linsley, E.G. et al. (1977), Peck, S.B. et al. (2001), Thornton, I.W.B. et al. (1973).
33. *Peripsocus sp.*
Taxon status: Taxon not identified to species, subspecies, form or variety.
Origin: Native, Endemic.
Galapagos Distribution: Floreana, Isabela.
References: Linsley, E.G. et al. (1977), Peck, S.B. et al. (2001), Thornton, I.W.B. et al. (1973).
34. *Peripsocus sp. 1*
Taxon status: Taxon not identified to species, subspecies, form or variety.
Origin: Native, Endemic.
Galapagos Distribution: Unknown.
References: Peck, S.B. et al. (2001).
35. *Peripsocus stagnivagus* Chapman, 1930
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Questionable Accidental.
Galapagos Distribution: Fernandina, Floreana, Genovesa, Isabela, Marchena, Pinta, Pinzón, San Cristóbal, Santa Cruz, Santa Fé, Santiago.
References: Linsley, E.G. et al. (1977), Peck, S.B. et al. (1998), Peck, S.B. et al. (2001), Thornton, I.W.B. et al. (1973).
36. *Pseudocaecilius citricola* (Ashmead, 1879)
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Accidental.
Galapagos Distribution: Isabela.
References: Causton, C. et al. (2008).
37. *Pseudocaecilius criniger* (Perkins, 1899)
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Accidental.

Galapagos Distribution: Española, Floreana, Isabela, Pinta, Santa Cruz, Santiago.

References: Linsley, E.G. et al. (1977), Peck, S.B. et al. (1998), Peck, S.B. et al. (2001), Thornton, I.W.B. et al. (1973).

38. *Pseudocaecilius tahitiensis* (Karny, 1926)

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Questionable Accidental.

Galapagos Distribution: San Cristóbal, Santa Cruz, Santiago.

References: Linsley, E.G. et al. (1977), Peck, S.B. et al. (1998), Peck, S.B. et al. (2001), Thornton, I.W.B. et al. (1973).

39. *Psoquilla marginepunctata* Hagen, 1865

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Accidental.

Galapagos Distribution: Santa Cruz.

References: Linsley, E.G. et al. (1977), Peck, S.B. et al. (1998), Peck, S.B. et al. (2001), Thornton, I.W.B. et al. (1973).

40. *Rhyopsocus orthatus* Thornton Woo, 1973

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Endemic.

Galapagos Distribution: Santa Cruz.

References: Linsley, E.G. et al. (1977), Peck, S.B. et al. (2001), Thornton, I.W.B. et al. (1973).

41. *Soa flaviterminata* Enderlein, 1906

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Accidental.

Galapagos Distribution: Floreana, Isabela, San Cristóbal.

References: Causton, C. et al. (2008).

42. *Soa reticulata* Thornton Woo, 1973

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Endemic.

Galapagos Distribution: Santa Cruz.

References: Linsley, E.G. et al. (1977), Peck, S.B. et al. (2001), Thornton, I.W.B. et al. (1973).

43. *Tapinella francesca* Thornton Woo, 1973

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Endemic.

Galapagos Distribution: Pinta, San Cristóbal.

References: Linsley, E.G. et al. (1977), Peck, S.B. et al. (2001), Thornton, I.W.B. et al. (1973).

44. *Tapinella stenomedia* Thornton Woo, 1973

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Endemic.

Galapagos Distribution: Santa Cruz.

References: Linsley, E.G. et al. (1977), Peck, S.B. et al. (2001), Thornton, I.W.B. et al. (1973).

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6. Thornton, I.W.B., Woo, A.K.T. (1973) *Psocoptera of the Galapagos Islands*. Pacific Insects 15(1): 1-58.