

Peck, S. B. (2011). CDF Checklist of Galapagos Booklice and barklice - FCD Lista de especies de Piojos de la corteza, piojos de los libros de Galápagos. In: Bungartz, F., Herrera, H., Jaramillo, P., Tirado, N., Jiménez-Uzcatogui, 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://www.darwinfoundation.org/datazone/checklists/terrestrial-invertebrates/psocoptera/> Last updated 13 Apr 2011.

---

# CDF Checklist of Galapagos Booklice and barklice

Stewart B. Peck

Contribs.: Fabián Bersosa, Ruth Boada, Charlotte Causton, Germania Estévez, Lilian Guzmán, Henri W. Herrera, María T. Lasso, María Piedad Lincango, Alejandro Mieleles, E. Mockford, Renato Oquendo, Lázaro Roque-Álbelo.

13 Apr 2011

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 Elizabeth 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. *Archipsocus spinosus* Thornton, Lee Chui, 1972  
**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).
2. *Caecilius antillanus* Thronton Woo, 1973  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** Introduced, Questionable Native.  
**Galapagos Distribution:** Unknown.  
**References:** Linsley, E.G. et al. (1977), Peck, S.B. et al. (2001), Thornton, I.W.B. et al. (1973).
3. *Caecilius distinctus* Thornton Woo, 1973  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** Introduced, Questionable Native.  
**Galapagos Distribution:** Unknown.  
**References:** Linsley, E.G. et al. (1977), Peck, S.B. et al. (2001), Thornton, I.W.B. et al. (1973).
4. *Caecilius insularum* Mockford, 1966  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** Introduced, Questionable Native.  
**Galapagos Distribution:** Unknown.  
**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).
5. *Ectopsocus maindroni* Badonnel, 1935  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** Introduced, 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).
6. *Ectopsocus meridionalis* Ribaga, 1904  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** Introduced, Accidental.  
**Galapagos Distribution:** Isabela.  
**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. *Ectopsocus richardsi* (Pearman, 1929)  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** Introduced, Accidental.  
**Galapagos Distribution:** Unknown.  
**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).
8. *Ectopsocus* sp.  
**Taxon status:** Taxon not identified to species, subspecies, form or variety.  
**Origin:** Native, Questionable Endemic.  
**Galapagos Distribution:** Floreana, Isabela, San Cristóbal.  
**References:** Linsley, E.G. et al. (1977), Peck, S.B. et al. (2001), Thornton, I.W.B. et al. (1973).
9. *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).
10. *Epipsocus campanulatus* Thornton Woo, 1973  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** Native, Endemic.  
**Galapagos Distribution:** Isabela, San Cristóbal.  
**References:** Linsley, E.G. et al. (1977), Peck, S.B. et al. (2001), Thornton, I.W.B. et al. (1973).
11. *Lachesilla aethiopica* Enderlein, 1902  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** Introduced, Questionable Accidental.  
**Galapagos Distribution:** Unknown.  
**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).
12. *Lachesilla castroi* Thornton Woo, 1973  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** Native, Endemic.  
**Galapagos Distribution:** Isabela.  
**References:** Linsley, E.G. et al. (1977), Peck, S.B. et al. (2001), Thornton, I.W.B. et al. (1973).
13. *Lichenomima chelata* Thornton Woo, 1973  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** Native, Endemic.  
**Galapagos Distribution:** Isabela.  
**References:** Peck, S.B. et al. (2001).
14. *Peripsocus pauliani* Badonnel, 1949  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** Introduced, Accidental.  
**Galapagos Distribution:** Unknown.  
**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. *Peripsocus potosi* Mockford, 1971  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** Introduced, Questionable Native.  
**Galapagos Distribution:** Floreana, Isabela, San Cristóbal.  
**References:** Linsley, E.G. et al. (1977), Peck, S.B. et al. (2001), Thornton, I.W.B. et al. (1973).
16. *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).
17. *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).
18. *Peripsocus stagnivagus* Chapman, 1930  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** Introduced, Questionable Accidental.  
**Galapagos Distribution:** Unknown.  
**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. *Aaroniella galapagensis* Thornton Woo, 1973  
**Taxon status:** Accepted name; taxon occurs in Galapagos.

- Origin:** Native, Endemic.  
**Galapagos Distribution:** Isabela.  
**References:** Linsley, E.G. et al. (1977), Peck, S.B. et al. (2001), Thornton, I.W.B. et al. (1973).
20. *Pseudocaecilius citricola* (Ashmead, 1879)  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** Introduced, Accidental.  
**Galapagos Distribution:** Isabela.  
**References:** Causton, C. et al. (2008).
21. *Pseudocaecilius criniger* (Perkins, 1899)  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** Introduced, Accidental.  
**Galapagos Distribution:** Unknown.  
**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).
22. *Pseudocaecilius tahitiensis* (Karny, 1926)  
**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).
23. *Blaste uncinata* Thornton Woo, 1973  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** Native, Endemic.  
**Galapagos Distribution:** Isabela.  
**References:** Linsley, E.G. et al. (1977), Peck, S.B. et al. (2001), Thornton, I.W.B. et al. (1973).
24. *Indiopsocus acraea* (Thornton Woo, 1973)  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** Native, Endemic.  
**Galapagos Distribution:** Unknown.  
**References:** Peck, S.B. et al. (2001).
25. *Indiopsocus dentata* (Thornton Woo, 1973)  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** Native, Endemic.  
**Galapagos Distribution:** Unknown.  
**References:** Peck, S.B. et al. (2001).
26. *Indiopsocus marta* (Thornton Woo, 1973)  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** Native, Endemic.  
**Galapagos Distribution:** Unknown.  
**References:** Peck, S.B. et al. (2001).
27. *Embidopsocus pauliani* Badonnel, 1955  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** Introduced, Questionable Accidental.  
**Galapagos Distribution:** Unknown.  
**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).
28. *Embidopsocus thorntoni* Badonnel, 1955  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** Native, Endemic.  
**Galapagos Distribution:** Unknown.  
**References:** Linsley, E.G. et al. (1977), Peck, S.B. et al. (2001), Thornton, I.W.B. et al. (1973).

29. *Liposcelis entomophila* (Enderlein, 1907)  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** Introduced, Accidental.  
**Galapagos Distribution:** Unknown.  
**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:** Unknown.  
**References:** Linsley, E.G. et al. (1977), Peck, S.B. et al. (2001), Thornton, I.W.B. et al. (1973).
31. *Tapinella francesca* Thornton Woo, 1973  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** Native, Endemic.  
**Galapagos Distribution:** Unknown.  
**References:** Linsley, E.G. et al. (1977), Peck, S.B. et al. (2001), Thornton, I.W.B. et al. (1973).
32. *Tapinella stenomedia* Thornton Woo, 1973  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** Native, Endemic.  
**Galapagos Distribution:** Unknown.  
**References:** Linsley, E.G. et al. (1977), Peck, S.B. et al. (2001), Thornton, I.W.B. et al. (1973).
33. *Echmepteryx aperta* Thornton Woo, 1973  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** Native, Endemic.  
**Galapagos Distribution:** Isabela.  
**References:** Linsley, E.G. et al. (1977), Peck, S.B. et al. (2001), Thornton, I.W.B. et al. (1973).
34. *Echmepteryx lunulata* Thornton, Lee Chui, 1972  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** Native, Indigenous.  
**Galapagos Distribution:** Unknown.  
**References:** Linsley, E.G. et al. (1977), Peck, S.B. et al. (2001), Thornton, I.W.B. et al. (1973).
35. *Echmepteryx madagascariensis* (Kolbe, 1885)  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** Introduced, Accidental.  
**Galapagos Distribution:** Unknown.  
**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. *Lepidopsocus maculatus* Thornton, Lee Chui, 1972  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** Introduced, Questionable Native.  
**Galapagos Distribution:** Unknown.  
**References:** Linsley, E.G. et al. (1977), Peck, S.B. et al. (2001), Thornton, I.W.B. et al. (1973).
37. *Nepticulomima cavagnaroi* Thornton Woo, 1973  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** Native, Endemic.  
**Galapagos Distribution:** Unknown.  
**References:** Linsley, E.G. et al. (1977), Peck, S.B. et al. (2001), Thornton, I.W.B. et al. (1973).
38. *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).

39. *Soa reticulata* Thornton Woo, 1973  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** Native, Endemic.  
**Galapagos Distribution:** Unknown.  
**References:** Linsley, E.G. et al. (1977), Peck, S.B. et al. (2001), Thornton, I.W.B. et al. (1973).
40. *Psoquilla marginepunctata* Hagen, 1865  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** Introduced, Accidental.  
**Galapagos Distribution:** Unknown.  
**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).
41. *Rhyopsocus orthatus* Thornton Woo, 1973  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** Native, Endemic.  
**Galapagos Distribution:** Unknown.  
**References:** Linsley, E.G. et al. (1977), Peck, S.B. et al. (2001), Thornton, I.W.B. et al. (1973).
42. *Cerobasis lambda* Thornton Woo, 1973  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** Native, Endemic.  
**Galapagos Distribution:** Unknown.  
**References:** Linsley, E.G. et al. (1977), Peck, S.B. et al. (2001), Thornton, I.W.B. et al. (1973).
43. *Cerobasis recta* Thornton Woo, 1973  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** Native, Endemic.  
**Galapagos Distribution:** Unknown.  
**References:** Linsley, E.G. et al. (1977), Peck, S.B. et al. (2001), Thornton, I.W.B. et al. (1973).
44. *Cerobasis treptica* Thornton Woo, 1973  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** Native, Endemic.  
**Galapagos Distribution:** Unknown.  
**References:** Linsley, E.G. et al. (1977), Peck, S.B. et al. (2001), Thornton, I.W.B. et al. (1973).

### **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, Puerto Ayora, Galapagos, Ecuador, 142-145 p.
2. Linsley, E.G. (1977) *Insects of the Galápagos (Supplement)*. Occasional Papers of the California Academy of Sciences 125: 1-50.
3. 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.
4. Peck, S.B. (2001) *Small Orders of Insects of the Galápagos Islands, Ecuador: Evolution, Ecology, and Diversity*. NRC Research Press, Ottawa, Ontario, Canada, 278 pp.
5. Thornton, I.W.B., Woo, A.K.T. (1973) *Psocoptera of the Galapagos Islands*. Pacific Insects 15(1): 1-58.