

# CDF Checklist of Galapagos Springtails

Stewart B. Peck, J. Jacquemart

Contribs.: Sandra Abedrabbo, Fabián Bersosa, Ruth Boada, Charlotte Causton, Daniel Cherix, Germania Estévez, Lilian Guzmán, María T. Lasso, Maria Piedad Lincango, E. G. Linsley, Yale Lubin, Alejandro Mieles, E. Mockford, Renato Oquendo, Lázaro Roque-Ábelo, Leslie Usinger.

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

**Collembola**, or springtails, are small hexapods that live in concealment and feed as scavengers or decomposers in leaf litter, decaying wood, soil, or on fungi.

Surprisingly, many are now known from the Galapagos, but these species mostly occur in low densities, possibly because of the harsh arid habitats of the island lowlands.

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for well known species groups like vascular plants or vertebrates updates proposed to the IUCN are shown instead of the outdated, but currently accepted status;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:** 46 (42 Accepted , 1 Unidentified Taxon , 3 Doubtful).

**Origin of the taxa included:** 1 Accidental, 3 Questionable Accidental, 20 Questionable Native, 9 Endemic, 1 Indigenous, 1 Questionable Endemic.

1. *Cyphoderus dorsti* Jacquemart, 1974

**Taxon status:** Accepted name; taxon occurs in Galapagos.

**Galapagos Distribution:** Isabela, San Cristóbal, Santa Cruz, Santiago.

2. *Cyphoderus galapagoensis* Jacquemart, 1976  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** Native, Endemic.  
**Galapagos Distribution:** Isabela, Santa Cruz.  
**References:** Peck, S.B. et al. (2001).
3. *Cyphoderus innominatus* Mills, 1938  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Galapagos Distribution:** Santa Cruz.
4. *Entomobrya corticola* Jacquemart, 1975  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Galapagos Distribution:** Isabela, San Cristóbal, Santa Cruz.
5. *Lepidocyrtus cf. lanuginosus* Gmelin, 1790  
**Taxon status:** The identification of this taxon or its occurrence in Galapagos is doubtful.  
**Galapagos Distribution:** Floreana.
6. *Lepidocyrtus leleupi* Jacquemart, 1976  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** Native, Endemic.  
**Galapagos Distribution:** Floreana, Isabela, San Cristóbal, Santa Cruz.  
**References:** Peck, S.B. et al. (2001).
7. *Pseudosinella coerulea* Jacquemart, 1975  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Galapagos Distribution:** Floreana, Marchena, Pinta, Santa Cruz.
8. *Pseudosinella intermixta* (Folsom, 1924)  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** Introduced, Questionable Native.  
**Galapagos Distribution:** Unknown.  
**References:** Peck, S.B. et al. (2001).
9. *Seira caheni* Jacquemart, 1976  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** Introduced, Questionable Native.  
**Galapagos Distribution:** Marchena, San Cristóbal, Santa Cruz.  
**References:** Peck, S.B. et al. (2001).
10. *Seira coppoisi* Jacquemart, 1975  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Galapagos Distribution:** Santiago.
11. *Seira devriesi* Jacquemart, 1974  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Galapagos Distribution:** Santa Cruz.
12. *Seira galapagoensis* Jacquemart, 1976  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** Native, Endemic.  
**Galapagos Distribution:** Floreana, Isabela, San Cristóbal, Santa Cruz, Santiago, Unknown.  
**References:** Peck, S.B. et al. (2001).
13. *Psammisotoma galapagoensis* Thibaud, Najt Jacquemart, 1994  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** Native, Endemic.  
**Galapagos Distribution:** Unknown.  
**References:** Peck, S.B. et al. (2001).
14. *Cryptopygus thermophilus* (Axelson, 1900)  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** Introduced, Questionable Native.

- Galapagos Distribution:** San Cristóbal.  
**References:** Peck, S.B. et al. (2001).
15. *Folsomides centralis* (Denis, 1931)  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** Introduced, Questionable Native.  
**Galapagos Distribution:** Unknown.  
**References:** Peck, S.B. et al. (2001).
  16. *Folsomides delamarei* Thibaud, Najt Jacquemart, 1994  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** Native, Endemic.  
**Galapagos Distribution:** Unknown.  
**References:** Peck, S.B. et al. (2001).
  17. *Folsomides parvulus* (Starch, 1922)  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** Introduced, Questionable Native.  
**Galapagos Distribution:** Unknown.  
**References:** Peck, S.B. et al. (2001).
  18. *Folsomina onychiurina* (Denis, 1931)  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** Introduced, Questionable Native.  
**Galapagos Distribution:** Unknown.  
**References:** Peck, S.B. et al. (2001).
  19. *Isotomina thermophila galapagoensis* Jacquemart, 1975  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Galapagos Distribution:** San Cristóbal, Santa Cruz, Santiago.
  20. *Isotomodes denisi* Folsom, 1932  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** Introduced, Questionable Native.  
**Galapagos Distribution:** Unknown.  
**References:** Peck, S.B. et al. (2001).
  21. *Isotomodes trisetosus* Denis, 1923  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** Introduced, Questionable Accidental.  
**Galapagos Distribution:** Santa Cruz, Unknown.  
**References:** Peck, S.B. et al. (2001).
  22. *Rhodanella minos* (Denis, 1928)  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** Introduced, Questionable Accidental.  
**Galapagos Distribution:** Unknown.  
**References:** Peck, S.B. et al. (2001).
  23. *Axelsonia littoralis* (Moniez, 1890)  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** Introduced, Questionable Native.  
**Galapagos Distribution:** Unknown.  
**References:** Peck, S.B. et al. (2001).
  24. *Isotoma galapagoensis* Jacquemart, 1975  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Galapagos Distribution:** Santa Cruz.
  25. *Isotomurus opala* Christiansen Bellinger, 1992  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** Introduced, Questionable Native.

- Galapagos Distribution:** Unknown.  
**References:** Peck, S.B. et al. (2001).
26. *Isotomiella symetrimucronata* Najt Thibaud, 1987  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** Introduced, Questionable Native.  
**Galapagos Distribution:** Unknown.  
**References:** Peck, S.B. et al. (2001).
27. *Ceratophysella denticulata* (Bagnall, 1941)  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** Introduced, Questionable Accidental.  
**Galapagos Distribution:** Unknown.  
**References:** Peck, S.B. et al. (2001).
28. *Ceratophysella guthriei* Folsom, 1916  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Galapagos Distribution:** Unknown.  
**References:** Folsom, J.W. et al. (1924).
29. *Xenylla yucatanana* Mills, 1938  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** Introduced, Questionable Native.  
**Galapagos Distribution:** Isabela, Pinzón, San Cristóbal, Santa Cruz.  
**References:** Peck, S.B. et al. (2001).
30. *Brachystomella contorta* Denis, 1931  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** Introduced, Questionable Native.  
**Galapagos Distribution:** Unknown.  
**References:** Peck, S.B. et al. (2001).
31. *Brachystomella grottaerti* Najt, Thibaud Jacquemart, 1991  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** Native, Endemic.  
**Galapagos Distribution:** Unknown.  
**References:** Peck, S.B. et al. (2001).
32. *Friesea magnicornis* Dennis, 1931  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** Introduced, Questionable Native.  
**Galapagos Distribution:** Unknown.  
**References:** Peck, S.B. et al. (2001).
33. *Americaneura interrogator* Cassagnau Palacios-Vargas  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** Introduced, Questionable Native.  
**Galapagos Distribution:** Unknown.  
**References:** Peck, S.B. et al. (2001).
34. *Anurida marchena* Najt, Thibaud Jacquemart, 1991  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** Native, Endemic.  
**Galapagos Distribution:** Unknown.  
**References:** Peck, S.B. et al. (2001).
35. *Anurida maritima* (Guérin-Méneville, 1836)  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** Introduced, Questionable Native.  
**Galapagos Distribution:** Marchena.  
**References:** Linsley, E.G. et al. (1966), Peck, S.B. et al. (2001), Stach, J. et al. (1932).

36. *Arlesia albipes* (Folsom, 1927)  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** Introduced, Accidental.  
**Galapagos Distribution:** Unknown.  
**References:** Peck, S.B. et al. (2001).
37. *Pseudachorutes cf. castrii* (Rapoport Rubio, 1963)  
**Taxon status:** The identification of this taxon or its occurrence in Galapagos is doubtful.  
**Origin:** Introduced, Questionable Native.  
**Galapagos Distribution:** Unknown.  
**References:** Peck, S.B. et al. (2001).
38. *Pseudachorutes cf. murphy* Massoud, 1965  
**Taxon status:** The identification of this taxon or its occurrence in Galapagos is doubtful.  
**Origin:** Introduced, Questionable Native.  
**Galapagos Distribution:** Unknown.  
**References:** Peck, S.B. et al. (2001).
39. *Pseudachorutes difficilis* Denis, 1931  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** Introduced, Questionable Native.  
**Galapagos Distribution:** Unknown.  
**References:** Peck, S.B. et al. (2001).
40. *Pseudachorutes galapagoensis* Najt, Thibaud Jacquemart, 1991  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** Native, Endemic.  
**Galapagos Distribution:** Unknown.  
**References:** Peck, S.B. et al. (2001).
41. *Pseudachorutes macrochaetus* Najt Thibaud, 1991  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** Native, Endemic.  
**Galapagos Distribution:** Unknown.  
**References:** Peck, S.B. et al. (2001).
42. *Xenyllodes* sp.  
**Taxon status:** Taxon not identified to species, subspecies, form or variety.  
**Origin:** Introduced, Questionable Native.  
**Galapagos Distribution:** Unknown.  
**References:** Peck, S.B. et al. (2001).
43. *Onychiurus hortensis* Gisin, 1949  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Galapagos Distribution:** San Cristóbal, Santa Cruz.
44. *Protaphorura armatus* (Tullberg, 1869)  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** Native, Questionable Endemic.  
**Galapagos Distribution:** Unknown.  
**References:** Najt, J. et al. (1991), Peck, S.B. et al. (2001).
45. *Protaphorura encarpata* (Denis, 1931)  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
Syn.: *Protaphorura prosensillata*  
**Origin:** Native, Indigenous.  
**Galapagos Distribution:** Unknown.  
**References:** Peck, S.B. et al. (2001).
46. *Mesaphorura yosii* (Rusek, 1867)  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** Introduced, Questionable Native.

**Galapagos Distribution:** Unknown.

**References:** Peck, S.B. et al. (2001).

***References:***

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2. 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.
3. Najt, J., Thibaud, J.-M., Jacquemart, S. (1991) *Les Collemboles (Insecta) de l'Archipel des Galápagos. I. Poduromorpha*. Bull. Inst. Roy. Sci. NaT. Belgique, Entomol. 61: 149-166.
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