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CDF Checklist of Galapagos Springtails

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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for well known species groups like vascular plants or vertebrates updates proposed to the IUCN are shown instead of the outdated, but currently accepted status;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. *Americaneura interrogator* Cassagnau Palacios-Vargas

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Questionable Native.

Galapagos Distribution: Floreana, San Cristóbal, Santa Cruz.

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

2. *Anurida marchena* Najt, Thibaud Jacquemart, 1991
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Endemic.
Galapagos Distribution: Marchena.
References: Peck, S.B. et al. (2001).
3. *Anurida maritima* (Guérin-Méneville, 1836)
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Questionable Native.
Galapagos Distribution: Floreana, Marchena.
References: Linsley, E.G. et al. (1966), Peck, S.B. et al. (2001), Stach, J. et al. (1932).
4. *Arlesia albipes* (Folsom, 1927)
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Accidental.
Galapagos Distribution: Santa Cruz.
References: Peck, S.B. et al. (2001).
5. *Axelsonia littoralis* (Moniez, 1890)
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Questionable Native.
Galapagos Distribution: Santa Cruz.
References: Peck, S.B. et al. (2001).
6. *Brachystomella contorta* Denis, 1931
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Questionable Native.
Galapagos Distribution: Santa Cruz.
References: Peck, S.B. et al. (2001).
7. *Brachystomella grottaerti* Najt, Thibaud Jacquemart, 1991
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Endemic.
Galapagos Distribution: Marchena, San Cristóbal, Santa Cruz.
References: Peck, S.B. et al. (2001).
8. *Ceratophysella denticulata* (Bagnall, 1941)
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Questionable Accidental.
Galapagos Distribution: San Cristóbal, Santa Cruz.
References: Peck, S.B. et al. (2001).
9. *Ceratophysella guthriei* Folsom, 1916
Taxon status: Accepted name; taxon occurs in Galapagos.
Galapagos Distribution: Unknown.
References: Folsom, J.W. et al. (1924).
10. *Cryptopygus thermophilus* (Axelson, 1900)
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Questionable Native.
Galapagos Distribution: Española, Fernandina, Floreana, Isabela, Marchena, Pinzón, San Cristóbal, Santa Cruz, Santiago.
References: Peck, S.B. et al. (2001).
11. *Cyphoderus dorsti* Jacquemart, 1974
Taxon status: Accepted name; taxon occurs in Galapagos.
Galapagos Distribution: Isabela, San Cristóbal, Santa Cruz, Santiago.
12. *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).
13. *Cyphoderus innominatus* Mills, 1938
Taxon status: Accepted name; taxon occurs in Galapagos.
Galapagos Distribution: Santa Cruz.
 14. *Entomobrya corticola* Jacquemart, 1975
Taxon status: Accepted name; taxon occurs in Galapagos.
Galapagos Distribution: Isabela, San Cristóbal, Santa Cruz.
 15. *Folsomides centralis* (Denis, 1931)
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Questionable Native.
Galapagos Distribution: Floreana, Isabela, San Cristóbal, Santa Cruz, Santiago.
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: Pinzón, San Cristóbal, Santa Cruz.
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: Pinzón, San Cristóbal, Santa Cruz.
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: Isabela, Pinta, San Cristóbal, Santa Cruz.
References: Peck, S.B. et al. (2001).
 19. *Friesea magnicornis* Dennis, 1931
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Questionable Native.
Galapagos Distribution: Santa Cruz.
References: Peck, S.B. et al. (2001).
 20. *Isotoma galapagoensis* Jacquemart, 1975
Taxon status: Accepted name; taxon occurs in Galapagos.
Galapagos Distribution: Santa Cruz.
 21. *Isotomiella symetrimucronata* Najt Thibaud, 1987
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Questionable Native.
Galapagos Distribution: Floreana, San Cristóbal, Santa Cruz.
References: Peck, S.B. et al. (2001).
 22. *Isotomina thermophila galapagoensis* Jacquemart, 1975
Taxon status: Accepted name; taxon occurs in Galapagos.
Galapagos Distribution: San Cristóbal, Santa Cruz, Santiago.
 23. *Isotomodes denisi* Folsom, 1932
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Questionable Native.
Galapagos Distribution: Floreana.
References: Peck, S.B. et al. (2001).
 24. *Isotomodes trisetosus* Denis, 1923
Taxon status: Accepted name; taxon occurs in Galapagos.

- Origin:** Introduced, Questionable Accidental.
Galapagos Distribution: Floreana, Marchena, Pinzón, Santa Cruz, Santiago.
References: Peck, S.B. et al. (2001).
25. *Isotomurus opala* Christiansen Bellinger, 1992
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Questionable Native.
Galapagos Distribution: San Cristóbal.
References: Peck, S.B. et al. (2001).
26. *Lepidocyrtus cf. lanuginosus* Gmelin, 1790
Taxon status: The identification of this taxon or its occurrence in Galapagos is doubtful.
Galapagos Distribution: Floreana.
27. *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).
28. *Mesaphorura yosii* (Rusek, 1867)
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Questionable Native.
Galapagos Distribution: San Cristóbal, Santa Cruz, Santiago.
References: Peck, S.B. et al. (2001).
29. *Onychiurus hortensis* Gisin, 1949
Taxon status: Accepted name; taxon occurs in Galapagos.
Galapagos Distribution: San Cristóbal, Santa Cruz.
30. *Protaphorura armatus* (Tullberg, 1869)
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Questionable Endemic.
Galapagos Distribution: Santa Cruz.
References: Najt, J. et al. (1991), Peck, S.B. et al. (2001).
31. *Protaphorura encarpata* (Denis, 1931)
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Protaphorura prosensillata*
Origin: Native, Indigenous.
Galapagos Distribution: San Cristóbal, Santa Cruz.
References: Peck, S.B. et al. (2001).
32. *Psammisotoma galapagoensis* Thibaud, Najt Jacquemart, 1994
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Endemic.
Galapagos Distribution: Santa Cruz.
References: Peck, S.B. et al. (2001).
33. *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: Santa Cruz.
References: Peck, S.B. et al. (2001).
34. *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: Santa Cruz.
References: Peck, S.B. et al. (2001).

35. *Pseudachorutes difficilis* Denis, 1931
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Questionable Native.
Galapagos Distribution: Pinta, San Cristóbal, Santa Cruz.
References: Peck, S.B. et al. (2001).
36. *Pseudachorutes galapagoensis* Najt, Thibaud Jacquemart, 1991
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Endemic.
Galapagos Distribution: San Cristóbal, Santa Cruz.
References: Peck, S.B. et al. (2001).
37. *Pseudachorutes macrochaetus* Najt Thibaud, 1991
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Endemic.
Galapagos Distribution: San Cristóbal.
References: Peck, S.B. et al. (2001).
38. *Pseudosinella coerulea* Jacquemart, 1975
Taxon status: Accepted name; taxon occurs in Galapagos.
Galapagos Distribution: Floreana, Marchena, Pinta, Santa Cruz.
39. *Pseudosinella intermixta* (Folsom, 1924)
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Questionable Native.
Galapagos Distribution: Santa Cruz.
References: Peck, S.B. et al. (2001).
40. *Rhodanella minos* (Denis, 1928)
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Questionable Accidental.
Galapagos Distribution: Santa Cruz.
References: Peck, S.B. et al. (2001).
41. *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).
42. *Seira coppoisi* Jacquemart, 1975
Taxon status: Accepted name; taxon occurs in Galapagos.
Galapagos Distribution: Santiago.
43. *Seira devriesi* Jacquemart, 1974
Taxon status: Accepted name; taxon occurs in Galapagos.
Galapagos Distribution: Santa Cruz.
44. *Seira galapagoensis* Jacquemart, 1976
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Endemic.
Galapagos Distribution: Floreana, Isabela, Pinzón, San Cristóbal, Santa Cruz, Santiago.
References: Peck, S.B. et al. (2001).
45. *Xenylla yucatanana* Mills, 1938
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Questionable Native.
Galapagos Distribution: Isabela, Marchena, Pinta, Pinzón, San Cristóbal, Santa Cruz.
References: Peck, S.B. et al. (2001).
46. *Xenyllodes* sp.
Taxon status: Taxon not identified to species, subspecies, form or variety.

Origin: Introduced, Questionable Native.

Galapagos Distribution: San Cristóbal.

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

References:

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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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