

BDELLIDAE (ACARI: ACTINEDIDA)
OF THE HAWAIIAN ISLANDS*

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Fourteen species of bdellid mites were recorded from the Hawaiian Islands. Three of these had been previously recorded, five are new records, and six represent new taxa. Four genera are represented: Bdella with three species, Bdellodes with four, Cyta with two, and Spinibdella with five. Description and illustration of the adult stage of each species and a key to the species for identification are presented. Habitats reported for bdellids in the Hawaiian Islands include sea walls, algal covered rocks, soil and leaf litter, plants, birds' nests, under stones, and extreme habitats such as fumaroles on Mauna Loa Volcano and a hot spot on Kilauea Volcano. Collection records of each species from the main Hawaiian and three Northwestern Hawaiian Islands are also presented.

*ABSTRACT