

## New Hawaiian Island Records for Aquatic Heteroptera (Insecta)

J.T. POLHEMUS (Colorado Entomological Museum, 3115 S. York St., Englewood, Colorado 80110, USA)

The following represent range extensions, plus clarification of species and genus identities for 2 species previously reported from Hawaii. Unless otherwise noted, voucher specimens will be found in the J.T. Polhemus Collection (JTPC) and Bishop Museum (BPBM), and all collections are by J.T. Polhemus.

### Corixidae

*Trichocorixa reticulata* (Guerin-Méneville) **New island record**

This species is very widespread in the Western Hemisphere.

*Material examined:* LANAI: Koele Lodge, artificial ponds, 26 April 1995 (JTPC).

### Gerridae

*Halobates sericeus* Eschscholtz **New island record**

This open ocean species is common on the seas along the Hawaiian Archipelago, and can be expected to be found on any of the islands, as it is commonly blown onshore by heavy winds.

*Material examined:* LANAI: Mauna Lei, beach near mouth of Maunalei Gulch, 26 April 1995 (D. Preston, J. T. Polhemus) (JTPC).

### Hebridae

*Merragata hebroides* White **New island record**

This species is very widespread in the Western Hemisphere.

*Material examined:* LANAI: Koele Lodge, artificial ponds, 26 April 1995.

### Mesoveliidae

*Mesovelia mulsanti* White **New island record**

This species is very widespread in the Western Hemisphere.

*Material examined:* LANAI: Koele Lodge, artificial ponds, 26 April 1995.

*Mesovelia amoena* Uhler

**New island records**

This species is restricted to seeps and rheocrenes, and does not occur on open ponds as does *M. mulsanti*. It was previously recorded from Kauai and Oahu.

*Material examined:* LANAI: Maunalei Gulch, middle section, artificial forest stream created by leak in water pipe, 26 April 1995. MAUI: Small stream on north side of West Maui, about 5 km west of Waihee, 15 August 1991.

### Notonectidae

*Buenoa pallipes* (Fabricius) **New island record**

This species was taken in a different pond than the ponds from which *Anisops kuri-owae* Matsumura was collected; the latter species is reported from Lanai by D.A. Polhemus in this issue.

*Material examined:* LANAI: Koele Lodge, artificial ponds, 26 April 1995 (JTPC).

***Notonecta indica*** Linnaeus**New island record**

This species is very widespread in the Western Hemisphere.

*Material examined:* LANAI: Koele Lodge, artificial ponds, 26 April 1995 (JTTC).

**Pleidae*****Neoplea apopkana*** (Drake & Chapman)**New island records**

Aside from Hawaii, this species was previously known only from Florida and Mississippi. It was previously reported from Oahu as *Plea?* sp. by J.W. Beardsley (*Proc. Hawaii. Entomol. Soc.* 24:5, 1982). Because these small insects fly readily, this species will probably be found eventually on all of the larger islands of the state of Hawaii.

*Material examined:* KAUAI: Lihue, uv light, 13 Oct. 1992 (C. L. Campbell) (Hawaii Dept. Agr., BPBM, JTTC). LANAI: Koele Lodge, artificial ponds, 26 April 1995, J. T. Polhemus. OAHU: Ewa, light trap, 20 Oct. 1978 (J. W. Beardsley) (JTTC); Hickam AFB, light traps, 29 Oct. 1980 (D. H. Oi) (Hawaii Dept. Agr., BPBM, JTTC).

**Saldidae*****Micracanthia humilis*** (Say)**New island records**

This species is very widespread in the Western Hemisphere. It was previously reported from Oahu as *Micracanthia* sp., possibly *humilis* by J.W. Beardsley (*Hawaii. Ent. Soc. Newsl.* 1 (2):2, 1991, and *Proc. Hawaii. Entomol. Soc.* 32:2, 1995).

*Material examined:* KAUAI: Head of Waimea Canyon, NW Alakai Swamp, mossy muddy trail, elev. approx. 1280 m, 25 August 1991 (J.T. & M.S. Polhemus) (JTTC). MOLOKAI: Near Puu Kolekole, damp trail near Kolekole Cabin, elev. 1140 m, 21 August 1991 (J.T. & M.S. Polhemus). OAHU: Mt Kaala, Waianae Mtns., summit, damp area at car park near bog, elev. 1220 m, 3 August 1991; same place, 29 April 1995.

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***Microcrypticus* (Coleoptera: Tenebrionidae) in Hawaii, with Notes on Distribution and Probable Origin**

WARREN E. STEINER, JR. (Department of Entomology, NHB-165, Smithsonian Institution, Washington, DC. 20560)

While sorting unidentified Hawaiian beetles in the collection of the Bishop Museum (BPBM) in 1991, I found specimens of a small member of the tenebrionid tribe Crypticini that had been collected on Oahu. In placing them among the curated Tenebrionidae, I found them to be conspecific with specimens identified as "*Platydemus obscurum* Sharp". Additional specimens so named were also found in the University of Hawaii Collection and the U.S. National Museum of Natural History, Smithsonian Institution (USNM). Since *Platydemus* belongs in the Diaperini (Doyen 1984) and no crypticines had been recognized in any Hawaiian faunal lists, it was evident that some change in nomenclature was needed. Studies in progress on mainland U.S. crypticines led me to find that Gebien