

Material examined. KAHO'OLAWA: Honokanaia, basecamp, KIRC hut, on floor, collected by L. Abbott, 25 ft [8 m], 28 Dec 2004, *Starr, Starr, & Abbott 041228-1* (1 specimen).

Orthoptera: Acrididae

Schistocerca nitens (Thunberg)

New island record

Schistocerca nitens (vagrant grasshopper) was previously known from Necker, Nihoa, and all the main islands except Ni'ihau and Kaho'olawe (Nishida 2002).

Material examined. KAHO'OLAWA: Moa'ulanui, vegetation sweeps, 1300 ft [396 m], 16 Oct 2003, *Starr, Starr, & Mar 031016-21* (1 specimen).

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First record of coral crabs of the family Tetraliidae (Crustacea: Brachyura) from the Hawaiian Islands¹

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Brachyuran crabs of the family Tetraliidae Castro *et al.* 2004, which comprises the genera *Tetralia* Dana and *Tetraloides* Galil are obligate symbionts of species of *Acropora*, scleractinian corals of circumtropical distribution. Tetraliids were formerly grouped with species of *Trapezia* Dana and other coral crabs in the family Trapeziidae Miers. All 8 described species of tetraliids are restricted to the Indo-West Pacific region (see Castro *et al.* 2004). Although 6 species of *Trapezia* are known from the Hawaiian Islands (Castro 1998), tetraliids have never been recorded from the archipelago until their recent discovery among collections made at French Frigate Shoals under the auspices of the Northwestern Hawaiian Islands Rapid Assessment and Monitoring Program 2000 (NOW-RAMP 2000). The family had been previously recorded anywhere *Acropora* occurs

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throughout the Indo-West Pacific region, from the Red Sea and South Africa to French Polynesia, and Johnston Atoll (Castro 2000). French Frigate Shoals has the highest abundance and species diversity of *Acropora* (seven species) in the Hawaiian Archipelago (Maragos *et al.* 2004).

Tetraliidae

Tetralia glaberrima (Herbst)*

New state record

[syn. *Cancer glaberrimus* Herbst, 1790: 262, pl. 20, fig. 115; *Tetralia glaberrima fulva* Serène, 1984: 282; *Tetralia fulva* – Castro, 1997: 65; *Tetralia glaberrima* – Castro *et al.*, 2004: 24 (synonymy, type material)].

This species is widely distributed throughout the Indo-West Pacific region wherever the coral *Acropora* is found, including southern Japan, Australia, Marshall Is., French Polynesia, and now the Hawaiian Islands.

Material examined: FRENCH FRIGATE SHOALS: west central lagoon, north side of La Perouse Pinnacle, site FFS-R-31, 23°46.280'N, 166°15.737'W, 10–15m, coll. S. Godwin, 26 Sep 2000 (1 male) (BPBM-S 12267, Marine Invertebrate Collection).

Tetralia muta (Linnaeus)

New state record

[syn. *Cancer mutus* Linnaeus, 1758: 625; *Tetralia vanninii* Galil & Clark, 1988: 146, figs. 1C, 2B, 3C, 4C, 4H, 6C; *Tetralia muta* – Castro *et al.*, 2004: 29 (synonymy, type material)]

This species, like *T. glaberrima*, is widely distributed throughout the Indo-West Pacific region wherever the coral *Acropora* is found. It has been recorded from Christmas I., Johnston Atoll (P. Castro, unpubl. data), and now the Hawaiian Islands.

Material examined: FRENCH FRIGATE SHOALS: North central lagoon, submerged pinnacle 2 km south of Tern Island, site FFS-R-27, 23°50.907'N, 166°17.215'W, 2–9 m, coll. S. Godwin, 25 Sep 2000 (1 ovigerous female) (BPBM-S 12266, Marine Invertebrate Collection).

Acknowledgments

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* Note added in proof: *Tetralia* is being reviewed by S. Trautwein (UCLA), who found that the Hawaiian *T. glaberrima* is a new species.

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Documentation of box jellyfish *Carybdea sivickisi* and *Carybdea rastoni* (Cubozoa: Carybdeidae) at Ma'alaea Harbor, Maui

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Since the 1990s, box jellyfish have become high profile animals along beach shorelines of the island of O'ahu. Due to powerful stings affecting ocean visitors, and corresponding beach closures, it has become increasingly important to document box jellies along Hawaiian coastlines. Three species have been described in Hawaiian waters: 1) *Charybdea arborifera* Maas that was synonymized with *Carybdea rastoni* by Mayer (1910); 2) *Charybdea moseri* Mayer, placed in *Carybdea alata* by Mayer (1910); 3) *Carybdea sivickisi* (Stiasny), reported in Hawaiian waters in 1996 (Matsumoto *et al.* 2002). Recent observations at Ma'alaea Harbor, Maui, documented two species including one new location record and one new island record.

Carybdea sivickisi (Stiasny)

New island record

Night lighting observations were conducted from shore near the condominiums at the southern end of Ma'alaea Boat Harbor on 23 July 2005, and 7 and 9 February 2006. Box jellies attracted to the light, were hand netted and placed in 86% ethanol. Specimens were all less than 12 mm in bell height. Some specimens will be used for future DNA research.

Carybdea sivickisi was originally observed from Hawaii'i in 1996 from the southern and western coastlines of O'ahu (Matsumoto *et al.* 2002). This species appears to be wide-