



Fig. 1. *Usingeriessa onyxalis* (Hampson), female. Hawaiian Islands: Kauai: Kipu, 9 January 1984, J.C.E. Riotte (BPBM). Photograph by David Preston.

New Heteroptera and Odonata (Insecta) Records and Range Extensions in the Hawaiian Islands

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The following represent new state or island records for Heteroptera and Odonata species in the state of Hawaii. Voucher specimens of all species treated are in the Bishop Museum unless otherwise noted.

Heteroptera: Miridae

Coridromius variegatus (Montrouzier)

New state record

On French Frigate Shoals, this species was extremely abundant on flowering *Chenopodium oahuense*.

Material examined. HAWAII: Along Saddle Road, 15 mi SE Waimea, 1675 m, 27 January 1992 (D.A. Polhemus & D.J. Preston), on *Chenopodium oahuense*. MOLOKAI: Waikolu Stream below Molokai water tunnel intake, 200 m, 21 February 1992 (Polhemus), in malaise trap set over stream. OAHU: Barber's Point, 5 ft (1.5 m), 2 November 1992 (W.D. Perreira)(W.D. Perreira Collection). FRENCH FRIGATE SHOALS: Tern Island, 28 March to 1 April 1994, ex. *Chenopodium oahuense* (A. Asquith) (U.S. Fish & Wildlife Service Collection).

Heteroptera: Notonectidae***Notonecta indica* Linnaeus****New state record**

This species was first noted in student collections from Oahu, and has now expanded its distribution to other high islands. It is an adaptable predator that appears to particularly favor artificial ponds and reservoirs throughout a wide range of elevations.

Material examined. HAWAII: Pond along Upper Hamakua Ditch, nr head of Waipio Valley, approx. 5 mi N Waimea, 3900 ft, 25 January 1992 (Polhemus & Preston). Pond and stock trough nr milepost 50 on Hwy 19, E of Waimea, August 1991 (E. Larsen); Lily pond and stock trough 0.6 mi E milepost 50 on Hwy 19, E Waimea, August 1991 (Larsen). MAUI: Stock trough in ranchland below Haleakala Natl. Park at milepost 9 on Hwy 378, August 1991 (Larsen); Stock trough in ranchland below Haleakala Natl. Park at milepost 4 on Hwy 378, August 1991 (Larsen); Stock trough at Sakugawa Ranch, along Hwy 37, 0.6 mi E jct with Hwy 377, August 1991 (Larsen); Stock trough at Dr. Sun Yat Sen Memorial Park, 2.4 mi E milepost 16 on Hwy 378, August 1991 (Larsen). OAHU: Pools on summit of Mt Kaala, Waianae Mountains, 20 February 1992 (Polhemus & Preston); Stock trough approx. 0.25 mi beyond end of Umena Street at James Campbell Estate, Makakilo, 8 August 1991 (Larsen).

Anisops batillifrons* Lundblad*New state record**

This is a widespread species in the Eastern Hemisphere. The present record is based on a single specimen taken in a stock pond at Sakugawa Ranch, on upland east Maui. This specimen was partially macerated for molecular analysis before it was realized that it was different from the sympatric series of *Buenoa pallipes* (F.) with which it had been captured. As a result only the head capsule, subsequently coated and photographed using a scanning electron microscope, remains as a voucher.

Material examined. MAUI: Stock trough at Sakugawa Ranch, along Hwy 37, 0.6 mi E jct with Hwy 377, August 1991 (Larsen).

Odonata: Coenagrionidae***Megalagrion nesiotes* (Perkins)****Notable rediscovery**

This species had not been recorded for over 70 years, and was in fact presumed extinct by the U. S. Fish and Wildlife Service. The population at East Wailua Iki appears to be stable, and occurs upslope of the Hana Road in an area dominated by disturbed wet forest vegetation. This indicates that additional colonies of this species may be scattered throughout the intermediate elevations of windward Maui, but have escaped detection due to the difficult topography, and the tendency of adults to fly low amid tangled undergrowth, in areas not typically searched for damselflies.

Material examined. MAUI: 1M, 1F, East Wailuaiki Stream at Hana Hwy (Hwy 360), 1.2 mi NW Puaakaa State Wayside Park nr milepost 21, 10 July 1993, (J.J. Daigle) (J.J. Daigle Collection); 5M, 2F, same as above but 20 July 1994 (Polhemus).

Odonata: Libellulidae***Crocothemis servilia* Drury****New state record**

First observed in early 1994 in the Salt Lake and Waimanalo areas, this Asian species is easily recognized by the bright scarlet coloration of the males. It breeds in lowland standing water habitats.

Material examined. OAHU: 1M, lower Waianu Str., Waiahole Valley, 100 ft, 27 December 1994, flying near taro fields, R. Englund (BPBM).