

ORTHOPTERA, BLATTIDAE

By

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Six species of roaches were captured by the Tanager Expedition. All of these species are widespread in the Pacific and might well have been carried on sampans or by other means from Honolulu to the various islands, where they are all well established. The species have been discussed by Hebard²⁷ and are so well known that only a brief note concerning their distribution need be given. The following determinations were made by comparison with specimens in the Bishop Museum.

Eoblatta notulata (Stål)

Ocean Island (Fullaway)

Blatella germanica (Linnaeus)

Laysan Island (Ball). On board U. S. S. "Tanager" (Bryan). Numerous specimens.

Cutilia soror (Brunner)

Ocean Island (Fullaway). Nihoa Island (Bryan and Cooke), in bunch grass.

Johnston Island (Bryan), about old shack at night. Wake Island (Bryan), numerous, some from rotten logs.

Periplaneta americana (Linnaeus)Midway Island (Fullaway). Necker Island (Bryan), scarce. Nihoa Island (Bryan), scarce. French Frigate Shoals (Bryan), under timbers. Johnston Island (Bryan), nocturnal, coming out in great numbers about *Tribulus* blossoms at night.**Periplaneta australasiae** (Fabricius)Ocean Island, nymphs only (Fullaway). Nihoa Island (Bryan and Cooke), nymphs only, on *Sida*, *Pritchardia*, bunch grass and about camp.**Pycnoscelus surinamensis** (Linnaeus)Pearl and Hermes Reef (Fullaway). Ocean Island (Fullaway). French Frigate Shoals (Bryan), Nihoa Island (Bryan and Cooke). Johnston Island (Bryan), on *Tribulus* at night. Wake Island (Bryan).

²⁷ Hebard, M., Dermaptera and Orthoptera of Hawaii: B. P. Bishop Mus., Occ. Pap., Vol. 7, No. 14, 1922.