

## Notes on Some Hawaiian Insects

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Board of Agriculture and Forestry

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A LIST is here given of some of the insects recently collected by the writer on various islands of the Hawaiian group. Species recorded for the first time from a particular island are marked with an asterisk. I wish to thank the following persons who have kindly identified most of the specimens: O. H. Swezey (Orthoptera, Delphacidae, Cixiidae, Dermaptera, Coleoptera and Lepidoptera), F. X. Williams (Diptera and Hymenoptera), E. O. Essig (Aphididae), H. Morrison (Coccidae), C. P. Alexander (Diptera: Tipulidae) and L. M. Russell (Aleyrodidae).

**Orthoptera**

## BLATTIDAE

\**Blattella germanica* (L.), Nawiliwili, Kauai, Jan. 18, 1944 (1); Ahukini, Kauai, Jan. 19 (3).

\**Euthyrrhapha pacifica* (Coq.), Holualoa, Hawaii, April 23, 1944 (1).

\**Graptoblatta notulata* (Stål), Lihue, Kauai, Jan. 9, 11, 14 and 16 (4); Anahola, Kauai, Jan. 20 (1).

\**Pycnoscelus surinamensis* (L.), Waimea, Kauai, Jan. 6, 1944 (2).

## LOCUSTIDAE

*Atractomorpha ambigua* Bol., Holualoa, Hawaii, April 23, 1944 (1).

## TETTIGONIIDAE

*Holochlora japonica* (Brun.), Moloaa, Kauai, Jan. 7, 1944 (1 nymph).

## GRYLLIDAE

*Cycloptiloides americanus* (Sauss.), Waimea, Kauai, Jan. 6, 1944 (3).

\**Cycloptilum bimaculatum* (Shiraki), Anahola, Kauai, Jan. 20, 1944 (1).

*Leptogryllus kauaiensis* Perk., Kokee, Kauai, Jan. 8, 1944 (1); Waipahee, Kauai, Jan. 13 (1).

\**Myrmecophila quadrispina* Perk., near Makaweli, Kauai, Jan. 10, 1944 (3).

**Isoptera**

*Kalotermes immigrans* Snyder, Kilohana Crater road, Kauai, Jan. 21, 1944, in log fence post (6).

**Neuroptera**

\**Symphorobius barberi* Banks, Wailuku, Maui, June 6, 1943. Determined by E. C. Zimmerman.

**Corrodentia**

*Caecilius* sp., Kaunakakai, Molokai, Oct. 13, 1943, leaves *Citrus* sp. Determined by H. K. Townes.

\**Echmepteryx marmorata* Banks, Hana, Maui, June 8, 1943. Determined by E. C. Zimmerman.

*Ectopsocus* sp., Mapulehu, Molokai, Oct. 11, 1943, leaves *Morinda citrifolia* L. Determined by H. K. Townes.

**Homoptera****CERCOPIDAE**

*Philaenus spumarius* (L.), numerous specimens on various plants, Kilauea area, Hawaii, April 1944.

**CICADELLIDAE**

*Empoasca solana* De L., Kaunakakai, Molokai, Oct. 9, 1943, leaves *Amaranthus spinosus* L. and *Ricinus communis* L. Determined by R. H. Beamer.

\**Opsius stactogalus* (Amyot), Kapaa, Kauai, Jan. 7, 1944, *Tamarix* sp. (4 adults, 2 nymphs); Wailua, Kauai, Jan. 11, *Tamarix* sp. (2 adults).

**DELPHACIDAE**

*Iburnia koae* (Kirk.), Kokee, Kauai, Jan. 8, 1944 (2).

**CIXIDAE**

\**Iolania perkinsi* Kirk., Hanahanapuni, near Kapaia, Kauai, Jan. 20, 1944 (1).

**APHIDIDAE**

\**Amphorophora sonchi* (Oestl.), Kilauea, Kauai, Jan. 7, 1944, leaves and buds *Sonchus oleraceus* L.; Holualoa, Hawaii, April 22, 1944, leaves *S. oleraceus*.

\**Aphis ferruginea-striata* Essig, Half Way Bridge, Lihue—Kalaheo road, Kauai, Jan. 18, 1944, carrot stems.

*Aphis gossypii* Glover, Kauai (Jan. 1944): Lihue, near Makaweli, Mana, Hanapepe Valley and Half Way Bridge. Hawaii (April 1944): Hilo, Kilauea and Holualoa. On the following hosts: leaves and stems of chili pepper; leaves of *Hibiscus tiliaceus* L.; *Hibiscus sabbdariffa* L.; leaves and buds of *Senecio* sp.; leaves and stems of *Indigofera anil* L.; *Commelina nudiflora* L.; tomato leaves; leaves of "shirona" (*Brassica* sp.); *Gnaphalium* sp.; leaves of *Arctium lappa* L.; leaves of azalea; leaves of *Psidium guajava* L. and leaves of zucchini.

*Aphis helichrysi* Kalt., Kokee, Kauai, Jan. 8, 1944, leaves *Erigeron canadensis* L.

*Aphis maidis* Fitch, Waimea, Kauai, Jan. 6, 1944; Kokee, Kauai, Jan. 8; Kekaha, Kauai, Jan. 12, *Coix lacrymae-jobi* L.

\**Aphis medicaginis* Koch, Waimea, Kauai, Jan. 6, 1944, lima bean and leaves of *Mirabilis jalapa* L.; Wailua, Kauai, Jan. 21, leaves *Crotalaria* sp.; near Makaweli, Kauai, Jan. 10, leaves and stems *Indigofera anil* L.; Anahola, Kauai, Jan. 20, *Portulaca oleracea* L.

\**Aphis middletonii* Thos., Hanapepe Valley, Kauai, Jan. 14, 1944, roots *Bidens pilosa* L. and leaves and roots *Emilia* sp.

*Aphis rumicis* L., Honolulu, Oahu, March 22, 1943, *Bougainvillea spectabilis* Willd.; Lihue, Kauai, Jan. 9, 1944, leaves and stem chili pepper; Hanapepe Valley, Kauai, Jan. 14; Half Way Bridge, Kauai, Jan. 18, leaves *Arctium lappa* L.

*Aphis tavaresi* Del Guer., Wailua, Kauai, Jan. 21, 1944, young leaves *Citrus* sp.; Hilo, Hawaii, April 11, 1944, azalea leaves; Hilo, April 29, leaves navel orange; Waipio Valley, Hawaii, April 27, leaves *Citrus* sp.

*Brevicoryne brassicae* (L.), Kilauea, Hawaii, April 16, 1944, daikon leaves (*Raphanus sativus longipinnatus* Bail.); Honokaa, Hawaii, April 26, stem cruciferous plant.

\**Capitophorus braggii* (Gill.), Kilauea, Hawaii, April 16, 1944, artichoke leaves.

*Cavariella capreae* (Fabr.), Waimea, Hawaii, April 26, 1944, celery leaves.

*Macrosiphum rosae* (L.), Kilauea, Hawaii, April 16 and 18, 1944, rose leaves.

\**Macrosiphum rosaefolium* Theob., Kokee, Kauai, Jan. 8, 1944, rose; Kekaha, Kauai, Jan. 12, rose leaves.

*Macrosiphum solanifolii* (Ashm.), Kilauea, Hawaii, April 16, 1944, lettuce and zucchini leaves; Waimea, Hawaii, April 26, celery and *Arctium lappa* L. leaves; Ahualoa, near Honokaa, Hawaii, April 28, Easter lily leaves.

\**Micromyzus formosanus* (Takah.), Lihue, Kauai, Jan. 17, 1944, leaves *Allium fistulosum* L.; Ahualoa, near Honokaa, Hawaii, April 28, 1944, green onion leaves.

\**Myzus circumflexus* (Buck.), Hualalai, Hawaii, April 20, 1944; Waimea, Hawaii, April 26, leaves *Arctium lappa* L.; Pepeekeo forest reserve, Hawaii, May 1, leaves *Vaccinium* sp.

\**Myzus ornatus* Laing, 6300 ft., Hualalai, Hawaii, April 20, 1944, unidentified composite plant.

\**Myzus persicae* (Sulz.), Kauai (Jan. 1944): Lihue, near Wailua, Mana, Half Way Bridge and Anahola. Hawaii (April 1944): Kilauea and Ahualoa, near Honokaa. On the following hosts: cabbage leaves, *Brassica* sp. leaves, potato leaves, cauliflower leaves, "shirona" (*Brassica* sp.) leaves, daikon leaves, carrot leaves, broccoli leaves, lettuce leaves and Easter lily leaves.

\**Neophyllaphis araucariae* Takah., Lawai, Kauai, Jan. 6, 1944, leaves *Araucaria excelsa* R. Br.

\**Pentalonia nigronervosa* Coq., Half Way Bridge, Kauai, Jan. 18, 1944, stems upland taro (*Colocasia esculenta* Schott); Hilo, Hawaii, April 11, 1944, flowers *Alpinia purpurata* (Vieill.) Schum.

\**Rhopalosiphum nymphaeae* L., Lihue, Kauai, Jan. 11, 1944, leaves *Ipomoea reptans* (L.) Poir.; Hilo, Hawaii, May 3, 1944, leaves and stems *Monochoria hastata* (L.) Solms.

\**Rhopalosiphum pseudobrassicae* (Davis), Mana, Kauai, Jan. 12, 1944, leaves "shirona" (*Brassica* sp.).

*Toxoptera aurantii* (Fonscolomb), Lihue, \*Kauai, Jan. 19, 1944, young leaves pomelo (*Citrus maxima* Merr.); Kilauea, Hawaii, April 14, 1944, unidentified plant, leaves of *Vaccinium* sp. and camellia; Kilauea, April 18, leaves *Myrsine lessertiana* A. DC.; Hualalai, Hawaii, April 20; Holualoa, Hawaii, April 22, general sweeping.

#### ALEYRODIDAE

\**Dialeurodes kirkaldyi* (Kot.), Honiuliwai, Molokai, Oct. 11, 1943, leaves *Jasminum sambac* Sol.; Mapulehu, Molokai, Oct. 11, and Halawa Valley, Molokai, Oct. 12, leaves *Morinda citrifolia* L.

\**Pealius hibisci* (Kot.), Kaunakakai, Molokai, Oct. 10, 1943, leaves *Hibiscus rosa-sinensis* L.

*Trialeurodes vaporariorum* (Westw.), Kamalo, Molokai, Oct. 11, 1943, leaves *Nicotiana glauca* Grah.

#### COCCIDAE

*Ceroplastes rubens* (Mask.), Halawa Valley, Molokai, May 30, 1943.

*Chrysomphalus aonidium* (L.), Kaunakakai, Molokai, May 29, 1943, coconut leaves; Kaunakakai, May 31, *Aleurites moluccana* (L.) leaves; Ualapue, Molokai, Oct. 11, leaves *Pandanus* sp.

\**Coccus viridis* (Green), Halawa Valley, Molokai, June 6, 1943; Mapulehu, Molokai, Oct. 11, leaves *Morinda citrifolia* L.

*Icerya purchasi* Mask., Kawela, Molokai, June 2, 1943; Pukoo, Molokai, Oct. 12, *Acacia* sp.; Hanapepe Valley, Kauai, Jan. 14, 1944 (1 male).

\**Ischnaspis longirostris* (Sign.), Ualapue, Molokai, Oct. 11, 1943, *Pandanus* sp. leaves.

*Orthezia insignis* Doug., Wailuku, Maui, June 6, 1943; Waipio, Hawaii, April 27, 1944, *Salvia* sp.

*Phenacaspis* sp., presumably *eugeniae* var. *sandwicensis* Full., Kaunakakai, Molokai, June 5, 1943, leaves *Mangifera indica* L.; Ualapue, Molokai, Oct. 11, same host.

\**Phenacoccus gossypii* Towns. & Ckll., Mapulehu, Molokai, Oct. 12, 1943, Cayenne pepper (*Capsicum frutescens longum* Bail.).

*Pinnaspis* sp., Kaunakakai, Molokai, Oct. 13, 1943, *Amaranthus* sp.; Ualapue, Molokai, Oct. 11, leaves *Pandanus* sp.; Kainalu, Molokai, Oct. 12, *Abutilon molle* Sweet.

*Pseudococcus adonidum* (L.), Honolulu, Oahu, Feb. 3, 1943, fruiting panicle of *Cordyline terminalis* Kunth.

*Pseudococcus brevipes* (Ckll.), Honolulu, Oahu, March 28, 1943, roots *Chloris inflata* Link; Pukoo, Molokai, Oct. 12, 1943, celery roots; Mapulehu, Molokai, Oct. 12, grass roots (specimens of the last collection come within the limits of *P. brevipes* as currently recognized but are not characteristic).

*Pseudococcus* sp., *citri* complex, probably *kraunhia* (Kuw.), Kamalo, Molokai, Oct. 11, 1943, tobacco stems and *Nicotiana glauca* Grah. leaves; Ualapue, Molokai, Oct. 11, *Mangifera indica* L. fruit.

*Pseudococcus giffardi* (Ehrh.), Manoa, Oahu, Aug. 15, 1943, *Pandanus* sp. leaves.

*Pseudococcus (Ferrisia) virgatus* (Ckll.), Honolulu, Oahu, Sept. 27, 1943, leaves ornamental taro (*Alocasia* sp.); Kaunakakai, Molokai, Oct. 12, same host.

*Pulvinaria psidii* Mask., Mapulehu, Molokai, Oct. 11, 1943, *Morinda citrifolia* L.

*Saissetia nigra* (Nietn.), Moomomi, Molokai, June 1, 1943, *Emex spinosa* Campd.; Kainalu, Molokai, Oct. 12, *Abutilon molle* Sweet.

## Dermaptera

*Anisolabis eteronoma* Bor., Kokee, \*Kauai, Jan. 8, 1944 (1); Lihue, Kauai, Jan. 9 (1); Hanamaulu, Kauai, Jan. 11 (1 nymph); Waimea, Hawaii, April 26, 1944 (2).

\**Chelisoches morio* (Fabr.), Lihue-Kalaheo road, Kauai, Jan. 6, 1944 (2); Nawiliwili, Kauai, Jan. 18 (2).

## Coleoptera

### HYDROPHILIDAE

\**Cercyon quisquilius* (L.), Glenwood, Hawaii, April 30, 1944 (1).

### CORYLOPHIDAE

\**Anisomeristes basalis* (Sharp), Moloaa, Kauai, Jan. 7, 1944 (1); Lihue, Kauai, Jan. 9 (1).

### COCCINELLIDAE

*Coelophora inaequalis* (Fabr.), Lihue, Kauai, Jan. 9, 1944 (1).

\**Coelophora pupillata* (Schön.), Hilo, Hawaii, April 29, 1944 (1).

*Cryptolaemus montrouzieri* Muls., Lihue-Kalaheo road, Kauai, Jan. 6, 1944 (2); Hanamaulu, Kauai, Jan. 11 (3).

\**Curinus coeruleus* (Muls.), Holualoa, Hawaii, April 23, 1944 (3); Kealakekua, Hawaii, April 24 (2).

\**Hyperaspis jocosa* (Muls.), Holualoa, Hawaii, April 22, 1944 (1) and April 23 (4); Kealakekua, Hawaii, April 24 (1).

\**Nephus bilucernarius* (Muls.), Hanapepe Valley, Kauai, Jan. 14, 1944 (5).

\**Orcus chalybeus* Boisd., Kokee, Kauai, Jan. 8, 1944 (1).

\**Pullus kinbergi* (Boh.), Waimea Valley, Kauai, Jan. 6, 1944 (1); Mana, Kauai, Jan. 12 (3); Wailua, Kauai, Jan. 21 (1); Hilo, Hawaii, May 3, 1944 (3).

*Rodolia cardinalis* (Muls.), Lihue, \*Kauai, Jan. 10, 1944 (1); Polihale, Kauai, Jan. 12 (1); Wailua, Kauai, Jan. 21 (1); Holualoa, Hawaii, April 22, 1944 (1); Malama Ki forest reserve, Puna, Hawaii, May 2 (1).

\**Scymnus (Pullus) uncinatus* Sic., Holualoa, Hawaii, April 22, 1944 (6) and April 23 (2).

#### CUCUJIDAE

*Cryptamorphia desjardinsi* (Guer.), Kokee, Kauai, Jan. 8, 1944 (2); Lihue, Kauai, Jan. 9 (1); Hanamaulu, Kauai, Jan. 11 (1); Half Way Bridge, Kauai, Jan. 18 (1); Kilauea, Hawaii, April 14, 1944, dead *Cibotium* sp. (1); Kilauea, April 18 (6); Waimea, Hawaii, April 26 (1); Waipio, Hawaii, April 27 (1).

\**Laemophloeus minutus* (Oliv.), Mana, Kauai, Jan. 12, 1944 (1).

\**Nausibius dentatus* (Marsh.), Lihue, Kauai, Jan. 9, 1944 (2).

*Psammoechus insularis* (Sharp), Lihue, Kauai, Jan. 9, 1944 (5), Jan. 10 (1), Jan. 11 (2); Hanamaulu, Kauai, Jan. 11 (1); Waipio, \*Hawaii, April 27, 1944 (1).

#### MYCETOPHAGIDAE

*Litargus vestitus* Sharp, Moloaa, \*Kauai, Jan. 7, 1944 (5); Lihue, Kauai, Jan. 9 (1); Hanapepe Valley, Kauai, Jan. 14 (9); Holualoa, Hawaii, April 22, 1944 (1).

#### DERMESTIDAE

\**Eucnocerus anthrenoides* Sharp, Wailua, Kauai, Jan. 21, 1944 (1).

#### NITIDULIDAE

*Carpophilus dimidiatus* (Fabr.), Waimea, \*Kauai, Jan. 6, 1944 (7); Waimea Valley, Kauai, Jan. 6 (13); Lawai beach, Kauai, Jan. 14 (9); Holualoa, Hawaii, April 23, 1944 (4).

\**Carpophilus humeralis* (Fabr.), Lihue-Kalaheo road, Kauai, Jan. 6, 1944 (9); Waimea, Kauai, Jan. 6 (2); Haena, Kauai, Jan. 7 (2); Nawiliwili, Kauai, Jan. 18 (1); Kailua, Hawaii, April 23, 1944 (1); Kaumana, Hilo, Hawaii, May 4 (2).

\**Haptoncus ocularis* (Fairm.), Haena, Kauai, Jan. 7, 1944 (3).

## MALACODERMIDAE

\**Caccodes debilis* Sharp, Hanapepe Valley, Kauai, Jan. 14, 1944 (2).

## BOSTRICHIDAE

\**Dinoderus minutus* (Fabr.), Moloaa, Kauai, Jan. 7, 1944 (1).

\**Xylopsocus castanoptera* (Fairm.), Kealakekua, Hawaii, April 24, 1944 (1).

## SCARABAEIDAE

*Saprosites pygmaeus* Har., Waipahee, Kauai, Jan. 13, 1944 (1).

## CERAMBYCIDAE

\**Cyllene crinicornis* (Chevr.), Mana, Kauai, Jan. 12, 1944 (1); Nawiliwili, Kauai, Jan. 17 (1).

*Sybra alternans* Wied., Lihue, \*Kauai, Jan. 9, 1944 (5), Jan. 16 (1); Kailua, Hawaii, April 23, 1944 (2); Malama Ki forest reserve, Puna, Hawaii, May 2 (1).

## CHRYSOMELIDAE

*Epitrix parvula* (Fabr.), Kokee, Kauai, Jan. 8, 1944, *Physalis peruviana* L. (6); Kilauea, \*Hawaii, April 18, 1944 (2); Holoaloa, Hawaii, April 22 (1).

## BRUCHIDAE

\**Bruchus chinensis* (L.), Hanapepe Valley, Kauai, Jan. 14, 1944 (2).

\**Bruchus prosopis* LeC., Polihale, Kauai, Jan. 12, 1944 (1); Kailua, Hawaii, April 23, 1944 (3).

\**Bruchus sallaei* Sharp, Waimea, Kauai, Jan. 6, 1944 (1); Mana, Kauai, Jan. 12 (3); Polihale, Kauai, Jan. 12 (1); Kailua, Hawaii, April 23, 1944 (1).

## TENEBRIONIDAE

\**Alphitobius laevigatus* (Fabr.), Kailua, Hawaii, April 23, 1944 (5).

\**Epitragus diremptus* Karsch, Kailua, Hawaii, April 23, 1944 (1).

## XYLOPHILIDAE

\**Xylophilus* sp., Lihue, Kauai, Jan. 16, 1944 (1); Nawiliwili, Kauai, Jan. 17 (3).

## Lepidoptera

## NYMPHALIDAE

*Vanessa cardui* L., Hilo, Hawaii, April 12, 1944, larvae numerous on leaves of *Artemisia vulgaris* L., 1 reared; Waimea, Hawaii, April 26, 1 reared from leaves of *Arctium lappa* L.

## PYRAUSTIDAE

\**Nymphula oblitalis* (Walk.), Lihue, Kauai, Jan. 10, 1944, beside lily pond (1).

## Diptera

## TIPULIDAE

\**Limonia (Dicranomyia) casei* Alex., Olinda, Maui, June 12, 1943.

*Limonia (Dicranomyia) hawaiiensis* (Grim.), Olinda, Maui, June 12, 1943.

*Limonia (Dicranomyia) jacobus* (Alex.), Olinda, Maui, June 12, 1943.

*Limonia (Dicranomyia) stygipennis* (Alex.), Olinda, Maui, June 12, 1943.

*Limonia (Dicranomyia) variabilis* (Grim.), Olinda, Maui, June 12, 1943.

## CULICIDAE

*Aedes albopictus* (Skuse), Ahukini, Kauai, Jan. 19, 1944 (4).

## STRATIOMYIIDAE

\**Evaza javanensis* Meig., Lihue, Kauai, Jan. 9, 1944 (8).

*Microchrysa hovas* (Big.), Mana, Kauai, Jan. 12, 1944 (1); Anahola, Kauai, Jan. 20 (1); Hanahanapuni, near Kapaia, Kauai, Jan. 20 (1).

## DOLICHOPODIDAE

*Chrysosoma fraternum* Van Duzee, Kekaha, Kauai, Jan. 5, 1944 (3); Waimea, Kauai, Jan. 6 (4); Mana, Kauai, Jan. 12 (2); Ahukini, Kauai, Jan. 19 (1); Anahola, Kauai, Jan. 20 (3); Wailua, Kauai, Jan. 21 (2).

\**Chrysosoma pallidicornis* (Grim.), Haena, Kauai, Jan. 7, 1944 (1).

## SYRPHIDAE

*Eumerus marginatus* Grim., Holualoa, Hawaii, April 22, 1944 (1).

## TACHINIDAE

\**Eucelatoria armigera* (Coq.), Lihue, Kauai, Jan. 11, 1944 (1); Waipahee, Kauai, Jan. 13 (1).

## SARCOPHAGIDAE

\**Helicobia helcis* (Townsend), Lihue, Kauai, Jan. 9, 1944 (7); Waipahee, Kauai, Jan. 13 (1); Wailua, Kauai, Jan. 13 (1); Wailua, Kauai, Jan. 21 (1).

## CALLIPHORIDAE

*Stomorphina pleuralis* (Thoms.), Lihue, Kauai, Jan. 11, 1944 (1); Hanamaulu, Kauai, Jan. 11 (2); Wailua, Kauai, Jan. 21 (7); Waimea, Hawaii, April 26, 1944 (2).

## ANTHOMYIIDAE

*Atherigona excisa trilineata* Stein, Waimea, Kauai, Jan. 6, 1944 (1); Moloaa, Kauai, Jan. 7 (1); Lihue, Kauai, Jan. 9, 1944 (4), Jan. 11 (1); Hanamaulu, Kauai, Jan. 11 (9); Waipahee, Kauai,



Jan. 13 (1); Anahola, Kauai, Jan. 20 (1); Wailua, Kauai, Jan. 21 (1).

ORTALIDAE

*Chrysomyza aenea* (Fabr.), Lihue, Kauai, Jan. 9, 1944 (2), Jan. 10 (1); Hanamaulu, Kauai, Jan. 11 (2).

\**Notogramma stigma* (Fabr.), Waimea, Kauai, Jan. 6, 1944 (12); near Makaweli, Kauai, Jan. 10 (1).

EPHYDRIDAE

*Brachydeutera hebes* Cress., Polihale, Kauai, Jan. 12 (1).

\**Mosillus* sp., Hanamaulu, Kauai, Jan. 11, 1944 (3); the first record of this genus from the Hawaiian Islands.

\**Scatella warreni* Cress., Waipahee, Kauai, Jan. 13, 1944 (1).

AGROMYZIDAE

*Liriomyza pusilla* (Meig.), Anahola, Kauai, Jan. 20, 1944 (1); Wailua, Kauai, Jan. 21 (1).

MILICHIIDAE

\**Desmometopa m-nigrum* Zett., Mana, Kauai, Jan. 12, 1944 (1).

\**Milichiella circularis* Ald., Hanamaulu, Kauai, Jan. 11, 1944 (1).

*Milichiella lacteipennis* (Loew), Hanamaulu, Kauai, Jan. 11, 1944 (2).

CHLOROPIDAE

\**Prohippelates pallidus* (Loew), Anahola, Kauai, Jan. 20, 1944 (2).

CARNIDAE

\**Rhodesiella tarsalis* Adams, Waimea, Kauai, Jan. 6, 1944 (2); Lihue, Kauai, Jan. 9 (2), Jan. 16 (1); Mana, Kauai, Jan. 12 (1); Wailua, Kauai, Jan. 21 (2).

Hymenoptera

FORMICIDAE

\**Camponotus variegatus hawaiiensis* For., Waimea Valley, Kauai, Jan. 6, 1944 (8).

*Leptogenys falcigera insularis* Smith, Haena, Kauai, Jan. 7, 1944 (4); \*Waipio, Hawaii, April 27, 1944 (2).

*Solenopsis geminata rufa* (Jerd.), outskirts of Hilo, Hawaii, April 12, 1944, many on guava plant.

VESPIDAE

*Polistes macaensis* (Fabr.), Kailua, Hawaii, April 23, 1944 (1); Holualoa, Hawaii, April 23 (1).

LARRIDAE

*Motes (Notogomidea) subtessellata* (Sm.), Moloaa, Kauai, Jan. 7, 1944 (1).

\**Solierella rohweri* (Brid.), Mana, Kauai, Jan. 12, 1944 (1).