

Notes on Insect Fauna of Fiji
by
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Motor Schooner "France", June-October 1924

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EXPLANATORY NOTE

This list was compiled by E.H. Bryan, Jr. while on the Whitney Expedition to the South Seas. While on Viti Levu at the beginning of the Fiji portion of the expedition (in June), Bryan visited the insect collections of the Fiji Department of Agriculture and made a hand-list of the insects he found there. At the end of the expedition, he visited Robert Veitch, entomologist at the Lautoka sugar refinery, and made a list of the insects in Veitch's collection. The list below is a transcription of Bryan's handlist of both collections.

This version (version 1.0) is a raw transcription before proofreading and editing. Subsequent versions will be posted that have made corrections to typographical mistakes and names will also be compared with current taxonomy.

It is hoped that this historical document will be of use to those interested in Fiji entomology and its history.

-Neal L. Evenhuis
August 2008

HYMENOPTERA

Ichneumonidae

————— Large (2 ½ cm.) fuscous, abd. Lat. Compressed. Ant. Long
Stigma small. Abd. Darker toward end. Wings tinged (Suva & Ovalau.)

Henicasilus ————— lighter fuscous to brown, abd. Lat. Comp. antennae short
Stigma larger. Wings tinged (Ovalau)

————— body & antennae very dark fuscous; legs red brown, wings
dark fuscous; abd. lat. comp. broad at tip with erect ovp. (Savusavu)

————— Layer 1 ½ cm. body bluish dark fuscous; legs red brown, wing
dark fuscous; ant. black thicker; abd. semi cyl. (Savusavu)

————— small (5 mm) body head ant. Dark fuscous, wings clear, stigma
distinct, large legs pale. (Suva) on coconut leaf

Echthromorpha diversor Morl. Short legs brown; abd. Fusc. Tip brown. Wing smoky,
stigma small; ant. Brown & fusc. Long. & var. (Fiji., Sol., N. Heb., Austr) (Suva)
among mimosa & lantana Cuvu Veitch

————— 1 cm. slender, light brown, wings clear, stigma large (Suva. At
light)

Henicospilas apicipuncatus Morl. (Rosenbla 911) 15 cm. entirely brown, apical part abd.
Darker wings clear, stigma slender (Natova)

Paniscus testaceus Grav. Abd. Flattened entirely red brown wings 14-16 mm.

Henicospilus turneri Morl. Var. (up of abd black rest light red brown)

Ichneumar promiscorius erich 14 mm black, scutellin yellow red band & yellow red band
& yellow seg margins on abdomen legs red, black bands on hind legs. Ant. red
brown (Natona)

Lissopimpla veitchi Turner (n. sp.)

Braconidae

————— 1 cm wings large smoky; ant large slender joints body & legs light brown (Tamarua)

Ipobracon ————— 8 mm. body & legs light brown; abd. Ovate, dark wings fusion ant shorter fusc & brown (Vunilagi)

————— 6 mm. slender, dark brown, dorsum thoax dark (Taveuni)

————— 7 mm robust, med. Brown, wings infusc. Stigma distinct (Possibly a chalcid) (Lami)

————— 9 mm. very slender; fuscous; pale legs & venation elong. Slender antennae (“On coconut leaves”)

————— 3 mm. dark fuscous cyl. Stigma distinct, legs dark ant. Short, dark (Suva) on window in house on coconut leaf

————— 3-4 mm. med. Brown, ovate abd. Shining, legs lighter ant. Mod. Larg brown (? Yassen). Possibly same as a brainied bred from d. passiflora on Guava

Chelonus vitiensis turner (n.sp.) (small, black)

Aplastomorpha calandrae How. (minute)

Apantile expuleus Turner (small black & reddish legs) (bred from Noctuidae *Anticarsia innata* Fab).

Evaniidae

Evania impressa Schlett. (Common large black coclerad parasite) (Not *E. curvinewis* cam.) (Suva).

Evania sericea (apparently smaller sp.) (Fiji) in maize leaf

Evania appendigaster L. (Asia Afr. Austr.)

Hypsiogaster, extranea Turner (n. sp.) dark brown; abd. Banded fusc. & brown Wings clear stigma distinct amt. mod. Short. (Deketi) (very similar sp.) (Taveuni)

————— 1 cm. black abad. Petiolate with enlargement in center wings clear Stigma distinct amt very short

Encyrtidae aneristus femosipennis Cir.

Echthagnatopus sp. (Hyperpar. "A" of Dryanid on *Perkinsiella*)

Echthagnatopus exitiosus (Hyperpar. "B" *Haplogonatopus vitiensis*)

Saronaturn australiae park. (from cocoon on back of cane leaf)

Pteromalidae

Bruchabius laticeps Ashm.

Aplastomorpha vandinei Tuck

Aplastomorpha calandrae Hav.

Mymaridae

Leimacis (near *peregrina* Perk.) (from insects in brown)

Paragrinus optabilis Perk. (from cane leafhopper)

Eulophidae

Ootetrastichus beatus Perk. (cane leafhopper)

Chalcididae

Leucospis (?) ——— small 3-4 mm. hind femora enlarged; dark fuscous (Lami)

————— larger 1 cm. bluish black, thrax rugae abd. Shining legs brown hind
Femora enlarged; wings infusc. (Natbavatu Asia Vonilagi)

Chalcura sp. small 6 mm black abd slender petiolate branched antennae; wing clear
(Savusavu)

[Looks more like a Eucharidae but under Chalcididae]

Elasmus sp.

Ooencyrtus pacificus Waterston (minute)

Dirhinus spp. (small, entirely black)

Tetrastichus sp. (minute)

Miotropus sp. (minute)

Chalcis sp. (black)

Megastigmus sp. (near *Spermatrophus* Waterstn) (red to dark brown, long ovipositor)

Aneristus fumosipennis Cir. (minute)

Hemiptarsinus sp. (numerous unidentified spp.)

Eucharidae

Schizapidia sp. small, black (3 mm); branched ant; abd. Petiolate wings clear legs red brown (Savusavu)

————— ———— small black ant branched or not legs slender light brown Wings with pale fuscous stigma; tip of thorax with x abd. Petiolate curved (Ovalau)

Schizaspidia sp. (very similar to above looks like same sp.) (Cagala)

Blephyrus insularis cam. Minute black 1st segment abd. Green bred from cotton balls, Teidamo 1922

Formicidae (ants)

————— ———— small reddish with fuscous abd. (looks very much like *Pheidole megacephala*) Suva

Camponotus sexguttatus Fab. 8 mm. (with mealy bug on orange suva fuscous brown long ant

Camponotus sp. winged female 8 mm. shorter ant brown & fuscous (Savusavu)

————— ———— winged female, 3 mm. ovate abd. Fuscous (Suva) at light

————— ———— winged female 1 cm. cyl. dark fusc. Abd. Rest brown: wings elong venation light brown stigma indistinct (Suva)

————— ———— robust, water 1 cm. dark brown, abd. Ovate flattened (Savusavu)

————— ———— slender female 9 mm. shiny fuscous wing infuscated (Suva)

———— slender female, 8 mm. dull fuscous venation light brown ant & legs mod long & slender (Suva)

———— large female 12 mm dark fuscous long wings very light amt mod. Long-flagellum of small seg. (Suva)

———— slender female 8 mm. wings smoky stigma dist shiny fuscous ant & legs lighter long (Macuata)

———— robust female 11 mm. dark fusc. Wings elongate; legs red brown (Suva) at light

Pheidole megacephala F. (?)

Odontamachus nematoda l. var. (long fuscous litig amt;

Prenolepis vividula Nyl. (small fuscous)

Plagiolepis longipes Jerd. (red. Br. Dark fusc. Abd.)

Camponotus dentibus Mayr. (fusc. Thorax lighter)

Camponotus maculatus Ford (?)

Tetramonium guineense Fabr. (numerous undet spp.)

Scoliidae

Discolia ovaluensis Sauss. large (15 mm) robust; fuscous & red brown; wings Long infuscated; legs brown fauna black; antennae thick, long Dakota mesonatus with four lighter spots; metamat & sides haing (Ovalan) (Cuba)

Scolia Manilae Ashm. (introduced from Hawaii)

Sphegidae (folded wings)

Notogonia sp. 7-8 mm. black wings infuscated (Suva)

Stizus inermis Handl (male black, legs except femora brown, 8-9 mm, wings smoky yellow female with gray area in abd. Yellow or scent & base of wing = (*Stizus pacificus* Turner sp. n) (yagata, Savusavu)

Notogonia sp. shiny black 12-14 mm. fuscous wings black legs & antennae latter thick & large (Ovalau)

Notogonia retiararia Turner

————— large, robust, shiny black, red brown legs, fuscous wings (Ovalau).

————— slender, 8-9 mm dull black wings smokey (Suva)

Pison rechingeri slender 8-9 mm. dull black, white pub smoky wings legs black (Savu Savu)

Pison tahitenseis Sauss, slender 9-10 mm, black, white pub. Smoky wings legs black (not *P. hospes* sen) (Ovalau)

Crabro sp. slender 8-9 abd. Petiolate; shiny black & legs red brown wings smoky (Vunilagi)

Crabro veitchi Turn. N. sp. mod. Robust 8-10 shiny black abdomen petiolate basally red brown; legs red brown yellow markings anthrax (Suva Ovalau)

————— small 6 mm dull black white pub wings smoky (Suva) at long div

————— (very slender, 10-11 mm. dull black tip of thrax pub wings smoky (Vunilagi)

————— (slender, 8 mm, black legs red brown wings fusc (Vunilagi)

————— 8-9 mm. pubescent black wings smoky prot same as 541 (Suva)

Pison argentatum Schuck var *ignavum* Turner [black, gray brown]

[*Pison hospes* Smith (= *P. tahitiensis* Sauss)]

Pompilidae [Psammocharidae]

Cyphononyx vitiensis Turner large 18 mm shiny black, red tipped abdomen oval dull, red fuscous thorax red brown legs & amt long orange brown wings forewings with large round fuscous spot (Vunilagi) under scaliidae

Calicurgis caeruleus dt slender 10-11 mm. metallic green amt & legs black; wings fuscous (Levuka, Ovalau)

————— elongate black 18-20 mm. abdomen conical legs red brown wings smoky (Ovalau)

Psammochares elatus smith var. (black with blue gray markings on sides; wings smoky)

Eumenidae

Odynerus mediocinctus Turner 10-12 mm. Black with tip of base of abdomen, scut & shoulders red brown legs red brown ant black wings parkas (Ovalau, Suva, Taveuni)

————— ——— Large, 18 + mm shiny black, abd petiolate, wing purplish fuscous legs red brown shoulders red brown (Ovalau)

————— ——— 11-12 mm. black legs red brown wings purple fuscous abd. Petiolate (Ladoni).

————— ——— 7-8 mm slender black legs red brown, wings purple fuscous abd. Petiolate (Labasa)

Odynerus (?) ——— 9 mm. black abd. Znaoi yellow bands shoulder 2 yellow stripes & metathrax with 4 yellow dots wings fuscous (Nabaivotu)

Rhynchiuna rupipes Fab. (black red legs)

Eumerus ovalauensis Sauss (black red legs, ebony stripes)

Polistes hebraeus Fab. Large common yellow brown ruspid with fuscous narrow cross bands (Suva).

“Very abundant a few years ago, but now becoming scarce” (Distributed throughout the Eastern Tropics from Madagascar & Mauritius to Hawaii)

Apidae (Bees)

Megachile fimbriventris Friese 6-9 mm robust, fuscous, wings slightly average sides of abd. Sl reddish hair beneath (Nasise). (Cuvu)

Megachile scutellata sm 8-10-11 mm. black, white markings on thorax & segs of abd. Edged with white, red hair on sides beneath wings smokey (Vunilagi)

[*Megachile* sp. 8 mm. Hairy black abd. With red hair below and on edges of seg above wings smoky [Tahiti]]

Lithurgus atratiformis Sm. 12 mm + black, wings sl. Fuscous (Cuvu) (N.W. Australia)

Lithurgus albofimbriatus Sich. 9-10 mm shiny fuscous black, thorax hairy sides wings smokey (Cuvu)

Halictus perpersicus Kohl Metallic fuscous, shiny 6-8 mm (Aeneous) legs lighter,
(Kadavu, Nasese, Yasau, Taveuni)

Halictus sp. (wings not smoky)

Apis mellifica L. (Honey bee) (Cuvu)

COLEOPTERA

Cicindellidae

Cicindela vitiensis Blanch Fairm 1 cm. fuscous with 3 orange fascia on each side
(Waidoi) (Buca Bay) (Ovalau)

Cicindela vitiensis var. *imperfecta* Horn Fuscous metallic fuscous with fascia reduced to
small marginal dots on wanting (Bavatu, Macuata, Vunituju)

Carabidae

Selonophorus sp. 8 mm fuscous legs red brown in office

Chlaenius peregrinus Chd. var.

Chlaenius sp.

Cineus speculiferus Fairm

Colpodes nigratus Fairm

Harpalus sp.

Perigona sp.

Dytiscidae

Cybister 3-punctatus Ob. 20-25 mm. ovate, fuscous, margin dark red brown

Hydaticus fijiensis Reg. 12-14 mm. red br. & fuscous mottled + & margined

Copelatus marginatus Shp. (Savusavu) at light

Hydaticus consangiuneus Aube.

Hyphydrus lyratus Swartz

Gyrinidae

Dineutes australis Fab. 9 mm black truncate behind (Sigatoka) lagoon

Hydrophilidae

Hydrophilus indicus Bed. 18-20 mm shiny black oval (Suva, same “at light”)

Dineutes fairsini Reg. 10-11 mm. shiny black with slight metallic tinge

Cyclonatum subquadratum Fair (Wainuna?)

Dactylosternum abdominalis ab. Fairm.

Dactylosternum subquadratum Fair

Hydrous cashmirensis Redt.

Hydraena sp.

Phillydrus sp.

Dactylosternum sp.

Nitidulidae

Carpophilus humeralis Fab. (small shiny black on fuscus 3-4 mm) ex pineapple suckers from Hawaii October 1922

Carpophilus hemipterus Linn. (shiny brown 2 red brown spots on disc of elytra (one in ex pineapple suckers from Honolulu October 1922

Carpophilus dimidatus Fab. Very small (1 ½ mm) reddish brown

Carpophilus (?) very small (1 ½ mm) reddish brown

Carpophilus very small (1 ½ mm) reddish brown

————— 4-5 mm. red brown & fuscus

————— 3 mm. fuscous with lighter disc of elytra containing single fuscous dot.

Carpophilus gentilis Murr. (Victoria)

Carpophilus gentilis mutabilis Fair on decaying Pomelos (*Citrus decunava* Murr.)

Carpophilus gentilis sp.

Haptoncus luteolus Er.

Haptoncus luteolus tetragonus Murr. (decaying fruit of *Spondros dulus*)

Corylophidae

Sericoderus basalis Sharp (behind leaf sheaths of cane)

Histeridae

Carcinops 14-striata Steph.

Platysoma sp. near *conditum* Mars.

Scaphidiidae

Scaphidium spp.

Dytiscidae

Cybister 3-punctatus Bl.

Oedemeridae

Sessinia livida Fab. 10 mm. straw brown long amt (Nadi) at light

Capidita moorei Monta 14-15 mm. brown with base apex & margins of elytra black
(Suva) in house at night

Sessinia apicata Fairm.

Trogostidae

Tenebroides mauritanicus L (Damaged specimen) fuscous about 6-7 mm (Nadi)
(breeding in B)

Lophocaterers pusillus Klug (Cosmopolitan) (Infested maize material).

Cucujidae

———— very small fuscous in tap of cane suffering from ribbon grass disease
(continued p. 27)

Erotylidae

Thallis sp.? 5-6 mm. fuscous, each elyter with 2 aed orange spots legs in stump attached by Polyphorus sp. (Lami)

Thallus perplexa Blackburn

Coccinellidae

Anisorcus affinis Crotch small oval, shiny fuscous with red head. Very common in Viti Leu (Suva, Sigatoka)

Coccinella rapanda (common 8 spotted red lady beetle). (Sugarcane) (Ba)

Coccinella 8 maculata Fabr. (larger & with diff. arrangement of the 8 spots) (Egg plant & cotton) (Lautoka)

[*Coccinella transversalis* f. (4 black vs on a yellow red elytra)]
(Ferds on wooly aphid acacia) (Tahiti) also in Fiji acc

Vedalia (Novius) cardinalis (small, dark red, 5 spots) (On aspidiostinger coconut) (On fern palus Suva)

[*Cryptolemus* sp. (shiny black head & euds of elytra reddish) found with Lecanium scale on *Hibiscus* (Rarotonga)]

(Probably *coccinella repandi*) (red with 2 med fascia & 2 lat spots) on coconut leaf (Suva, Ovalau)

[*Neda abdominalis* gay. (Tahiti) Pale yellow brown with numerous small dots

Neda tricolor var. *vitiensis* Crotch (large, light brown head with 2 black stripes) on mango & poineenia leaves & from pandoc cocoti on coconut leaves (Suva)

Epilachura 26-28-punctata bois large many black spots on red orange very common on egg plant & breadfruit, coconut leaf (Asia, Australia)

Verania strigula Bois Mod. Small; one large black line on each elytra (called *Coelophora strolineata* fairm. in book. On cotton “very common”

Verania sp.

Bostrichidae

Xylopertha castanoptera Fairm. small, dark brown to fuscous Suva

Xylopertha lifuana larger, 6-7 mm dark fuscous semi dark at light, also in Cocoa cassia
Suva

Xylopertha religiosus Boisd. Large 6 mm shiny dark fuscous (Sigatoka R.)

Dinoderus minutus F.

Rhizopertha dominica (Cosmopolitan)

Xylopsocus castanoptera Fairm.

Malacodermidae (Cyphonidae)

Luciola dermestiformis Fairm. somenkat resembles d cadanenius 6-8 mm long, elyter
rugose, dull black, abd. Brown protruding beyond etytra

Helodes sp. (Nasiuu)

Scirtes natovenssis Champ.

Scirtes natovenssis veitchi Champ.

Scirtes natovenssis sp.

Ptinidae

Lasioderma testacea Daft small 2 mm light fuscous or brown agars (Suva)

Lasioderma scrucorne Fab. Cigarette beetle (Perhaps same as above)

Anobium paniceum Linn. Small, shiny dark brown Booles (Suva)

————— small 1 ½ mm. shiny dark brown (Suva)

————— 2 mm. dull fuscous (Coconut tree, Taveuni).

————— 1 ½ mm ovate, shiny red brown, white pub. (On “Allenbug’s food”,
Suva)

Ptinus subviolaceus Pic.

Lampyridae

Bourgeoisia hypocrite e. ol. Small, 5-6 mm fuscous wings not reaching top of abdomen which is brown (Sigatoka)

————— dark blue or fuscous 8-9 mm abdomen shorter than elytra, brown (looks like sp. common on Saruva) (Suva)

Colydiidae

Neotrichus latiusculus Fairm.

Cividae

Minthea rugicollis Wk.

Cleridae

Omadius lividipes Fairm. 8-9 mm. gray fuscous, legs lighter, knees fuscous (on recently dead tree, Ovalau)

Cylidrus cyaneus F.

Necrobia ruficollis F.

Necrobia ruficollis rufipes dk brown (Copea beetle)

Buprestidae

Paracupta sulcata Saund. Large 20-30 mm bright metallic green gold 2 double ridges on dorsum, margins & legs green (Nasiuu)

Paracupta taciturna Saund. Large 18-25 mm. fuscous, margins broadly yellow (in log Suva)

Dicercomorpha (Haplotrunchius) sp? 12 mm. fuscous metallic (Nasiuu)

Hapletrinchus sp. near Australia head steely gray, elytra dark blue 11-12 mm (Buca) (Ovalau, on recently dead trees)

Paracupta Louisa White Metallic green, hind margin yellow 18 mm (Motoiki)

Paracupta laciturna Saund. No visible external differences from above (Buca Bay)

Sambus sp. gray fuscous 6-7 mm (Ovalau)

Agrilus fissifrous Fairm.

Tenebrionidae (see also p. 36)

Alphitobius diaperinus Panz.

Alphitobius laevigatus Fab.

Alphitobius piceus Ol. (Mauritius e & w Indies, India, Australia)

Amarygnus hydrophiloides Fairm.

Amarygnus morio Fab.

Amarygnus tuberculiger Fairm.

Bradymeus sublaevicollis Fairm.

Caedius pingius Fairm.

Chariotes infirma Fairm.

Chariotes sp.

Cherostus sp.

Corticeus cylindricus Reitt.

Diphyrrhynchus chalceus Fairm.

Eutochia pulla Er.

Gnathoceus cornutus Fab.

Mesomorphus villiger Blanch.

Sciophagus pandanicola Boisd.

Scotoderus costatus Fairm.

Tribolium confusum J. Div.

Thesilea sp.

Oedemeridae

Ananca kanak Fairm.

Copidita moorei Montr.

Sessinia apicata Fairm.

Sessinia livida Fabr.

Sessinia spp.

Oxaxis livida Fabr. (May be syn. For *Sessinia* above).

Elateridae

Photophorus jansonii Caudes large about 25-30 mm dark along brown legs & ant reddish
an oval red spot near each pat angle of head

Simodactylus cinnamoneus Bois. 12-14 mm slender pub slightly reddish brown, head
with median black line (Suva & Rewa at light) (part of cane-Polynesia generally).

————— Looks same as above but less moldy (Ovalau, on coconut leaf, night)

Monocrepidius pallipes Each. 10-11 mm shiny fuscous, pubescent, hind angles of head
reddish, legs & ant. red brown

Monocepidius sp.

————— 9 mm Satiny, dark brown unicolor (Suva at light)

Dioxypterus guttulatus Fairm.

Dioxypterus nigrotransversus Fairm.

Lacon stricticollis Fairm. (pest of cane, Fiji)

Lucanidae

———— very large, 5-6 cm. long dull black Mandibles 3 toothed (Vunilagi)
 ———— mod. Large 20-22 mm robust black minutely

Figulus foveicollis Boisd. Narrow, 16-18 mm. long shiny black, ridged (Suva) in garden
 (SavuSavu)

———— 10-11 mm shiny black

———— 5 mm. flat abd. Ext. beyond truncated elytra (Macuata)

Figulus fissicollis Fairm. 8 mm. flat shiny black (Shaped like other)

Aphodius Australasiae Boisd.

Aphodius lividus Oliv.

Ataenius peregrinatus Har.

Ataenius orbicularis Schmidt.

Ataenius orbicularis sp.

Rhyssemus germanus L.

Saprosites sp.

Scarabaeidae**Cetoniides**

Protetia fusca Herbst subovate 15 mm mottled fuscous (Australia)

Protetia fusca (?) subovate 12 mm Fuscous with amoeba shaped cinereous patches
 especially on sides (Suva, on ground)

Coprides

Aphodius sp. (Don't think it's *lividus*) 3-4 mm fuscous with lighter streaks & mouth
 (Tairuui, in Bush).

Aphodiidae

Aphodius lividus Oliv.

Ataenius orbicularis Schmidt.

Rhyssemus sp.

Rutelides

Anomala sp. glossy brown 10-11 mm long robust 2 dark lateral & median fuscous on thorax (in coconut leaf, Nakouwalu)

Adoretus tenuemaculatus Waterh. (image of our Japanese Rose beetle) [called *A. umbrosus* in book] Lami, on coconut leaf “native of Japan, common in Hawaii, night”)

Adoretus versutus Har. (widely distributed in tropics of old imed)

Parastasia doleus Fairm.

Dynastides

Anomocaulus fulvovestitus Fair. 25 mm pubescent fuscous sub shiny (Peculiar to Fiji)
 (“*Dynastes* subfair in Cook (Natewa Bay, boring in pineapples) (Ovalau, at light)

————— 25 mm & broader, hairier & duller fuscous (Rewa, boring in sugar cane)

————— 10-12 mm very glossy black sides of prothorax & 2 discal spots red brown (Tacriine)

Dasygnathes australis Boisd.

Melolonthidae

Rhopea subnitida Arrow. 16-18 mm robust, brownish fuscous (collected by Veitch)
 (larvae destroying cane)

Rhopea vestita Arrow 12-18 mm slender or robust, brownish fuscous

Halticidae

Haltica gravida Blackb. (Australia)

Aperthona sp.

Tenebrionidae (see also p. 31)

Bradymerus amicorum Blanch. 6 mm very rugose fuscous (Nodi)

Uloma multicornis Fairm. 8-9 mm dull fuscous (Nesiuu, old wood)

Thesilea sp. near *versicola* Hasq. 7-8 mm shiny dark fuscous (In Bush, Fairini)

Thesilea sp.

Anthicidae

Anthicus strictus Er.

Mordellidae

Mordella 10-guttata f (conical, black, 10-12 mm small white spots)

Mordella 10-guttata f. *nigrotemenata* Blair.

Mordella 10-guttata f. *vitichi* Blair

Mordella 10-guttata f. *vitiensis* Blair. (Savusavu)

Mordellistena sp. small, slender gray to fuscous 2 mm

Mordella plurinotata Blanch (Tamavua)

Mordellistena dodoneae Montr. Light fawn, pubescent 2 ½ mm slender (Tamavua)

Mordellistena consimilis Blair light fawn, pubescent 2 ½ (Tamavua)

Mordellistena gracilicauda Blair

Mordellistena greenwoodi Blair

Mordellistena xanthocephala Blair.

Mordellistena vitiensis Blair.

Staphylinidae

Lispinus veitchi Bernh. (n. sp.)

Lispinus impressicollis Mots.

Medon debilicornis Woll.

Gyrophaena lololiensis Bernh. (n. sp.)

Acanthoglossa quadriceps Bernh. (n. sp.)

Thamiaraea insigniventris Fauv.

Philonthus quisquiliarus Grav.

Philonthus longicornis Steph.

Philonthus discoideus Grav. (in rotten coropea seed)

Philonthus macellus Fauv.

Heterothops magniceps Bernh var. *minor* Bernh.

Coenonica puncticallis Kr.

Phloconomus singularis Kr. Var. *alatiore* Bernh.

Mimogonus fumator Fauv.

Coproporus atomus Kr.

Coproporus clavicornis Fauv. (?)

Coproporus formosae Bernh. var.?

Homalata pectinans Fauv. (ex rotten wevivevi)

Talamenus australiae Fauv. var.

Paederus samoensis Ful.

Elensis apicipennis Fairm.

Lispinus sp. near *castaneus* Fauv.

Eichomus atomus kr.

Cerambycidae

Araespor augustulum Fairm.

Ceresium guttaticolli Fairm.

Ceresium unicolor Fabr.

Obrium oblongoguttulum Fairm.

Olethrius scabripennis Thous (bring in Mangrove trees)

Pterolophia spp.

Ceresium grandipenne Fairm.?

Lamiidae

Diastorypha fuscicollis Auriv.

Oopsis mitator Fab.

Pterolophia sp.

Rhipiceriidae

Callirhipis vitiensis Fairm.

Xylophilidae

Xylophilus sp.

Xylophilus fijianus Champ. (n. sp.)

Xylophilus rufiventris Champ. (n. sp.)

Xylophilus labasae Champ.(n. sp.)

Stylopidae

Elenchoides perkinsi Pierce (bred from *Perkinsiella vitiensis*)

Chrysomelidae

Aulacophora coffeae Horns 7-8 mm Ocha brown [illegible] (pest of *Pemphis Taveuni*)

Febra venusta Clark. 4-5 mm antain half yellow-ochre poterior half purple ant. black
(Ovalau)

Galerucidae

Aulacophora quadramaculata F. yellow orchid 4 1/2 -5 mm with 4 large black spots
(Pest of Pumpkin foliage & flower) (Ovalau) (Oceania)

Aulacophora argyroaster Montr.

Aulacophora nigrivestis Boisd.

Apithona sp.

Alyttus sp.

Febra sp.

Damelia marshalli Cla

Malacatheria strigiscuta Fairm.

Eurydemus grandis Baly

Malacatheria sp.

Haltica corrusca Er.

(*Haltica gravida* Blackb.)

Vitibia formosa Baly

Malacatheria sp.

Manobra sp.

Loxoplumus sp.

Malacatheria sp.

Phyllostreta sp.

Promecothea reichei Baly

Cerambycidae

Sormida maculicollis T.L. Large, 18 mm ± “long horned”, aenescens with 2 yellow spots on sides of thorax (Savu Savu)

Oopsis mutator Fab. 8-10 mm. Aenaeus on dark with white spots & streaks). (Taveuni, Savu Savu, Dreluti,) 16-18 mm Brown white pub. Sides of prothorax white (Suva)

Glaucytes sp. 12 mm, slender fusion, each elytra 3 white spots. “Very rapid movements on tree trunk & flight”

Micrapelecotomoides fulvasericeus Fairm. Glossy, brown, plumed ant. 6-7 mm (Ovalau)

Anthribidae

Araecerus fasciculatus DeG. H mottled brown & yellow & fuscous 3 mm Ripe cotton boles (Suva) (Asia, Ap Am.) Carnop.) (ex pods *Acacia farniciana*)

Paecitocaulus picturalis (Fairm) 12-13 mm, Brown with 3 white medial patches square snout. Anter. Black segments white joints (Tamavua)

Cerambyrrhynchus schonherri Mots.

Phaulimia sp.

Proscopus veitchi Jord.

Araecerus nitidus Ind.

Araecerus vicillardi Montr.

Araecerus greenwoodi Jord.

Scolytidae

Platypus gerstasckeri Chap. (Slender, cyl. Light to dark brown, 7 mm) (Taveuni)

Xylebores mutilatus Bldf. (Short, nearly ovate 2 ½ x 1 ½ mm shiny fusc.)

Cocctrypes dactyliperda F. Ovalau.

Cryphalus jatrophae samp. (fruits of *Jatropha chिकास*)

Hylesinus veitchi Samp.

Xyleborus perforans wall. (Cocmop)

Hypothenemus plumeriale Nord.

Xyleborus torquatus Eich.

Bruchidae

Bruchus prosopis Lec. Mottled gray & brown 3 mm robust. In beans from U.S.A.

Bruchus chinensis L.

Pachyonerus gonager F.

Cucurlionidae

Elytruous acuticauda Fairm. Female black with gray thorax & sides 14 mm (Abd. Subonate, pointed behind) (Taveuni)

————— (very similar in shape to above, mottled brown, 11 mm.)

Elytrogonus griseus Guer. 8-9 mm gray unicolor (similar shape to above) (Taveuni)

Elytroteinus subtruncatus Fairm. Brown gray, down pointing snout, wavy crossbow lighter (Buca Bay)

Diorycaulus punctatelles Frm. Black, subonate, snout in the ant toward end porrect decumbent 5-6 mm without snout (Nasiau)

Araecerus fasciculatus de G. 2 ½-3 mm sub-ovate mottled brown & gray (look more like Anthiibid) (Taveuni)

Mecopus trilineatus Guer. 8-10 mm dark fuscous with white pollen beak long, decumbent, legs long three white lines on thorax radiating back from behind head (Lami)

Polytus mellerborgi Boh. (India to Hawaii)

Palytus metterborgi Boh. Small (5 mm) slender, dull black (Bud in aerial stems of bananas)

Cyanobolus atomosoaraus frm. 9 mm. fuscous gray decindant snout

Acalles sp. *coptorrhynchus* sp. (on guava)

Cosmopolites sordidus Germ.

Acicnemis biconifer Fairm.

Acicnemis crassiusculus Fairm.

Clyas formicarius Fab. (sweet potatoes)

Elythrocheilus sp.

Aphanocorynus sp.

Elytrurus expansus Waterh.

Calandra orygae L. (maize weevil)

Elytrurus sp.

Celenthes spp.

Myrmacielus gibbipennis Fairm.

Rhabdocnemis obscura Boisd. ("Throughout tropical Asia & Pacific)

Sphaerorrhinus sp.

Stereoderus pacificus Wall.

Trochorrhopalis strangulates Gyl. ("Throughout tropical Asia & Pacific)

Brenthidae

Eubactrus semiaeneus Lac. Slender fuscous short snout & ant. 20 mm + to 40 mm with long snout & antennae shiny or dull (Nabiuu)

Anomobrenthus hamatirostris Fairm. 9-10 mm dull light brown on dorsum glossy darker brown on sides short snout, long antennae (Tamavua)

Bolbogaster ctenostomoides Lac.

Cerobatus vtiensis Fairm.

STREPSIPTERA**Stylopidae**

Elenchoides perkinsi Pierce.

DIPTERA**Tipulidae**

————— 12 mm, dark fuscous, wings dusky (Shop window Suva) speckled fuscous.

————— (very similar to above) (Ovalau)

————— 14 mm black scutellum outlined in white, wings long 16-18 mm in fusc. (office window, Suva)

Ctenacroscelis fijiensis Alex.

Erioptera oceanica Alex.

Conosia irrorata Wied.

Libnotes greenwoodi Alex. (ex fruit *Eugenia malacensis*)

Libnotes perkinsi Grimshaw

Dicranomyia illingworthi Alex.

Dicranomyia dactylolabis alex.

Dicranomyia subaltinus Alex.

Dicranomyia fijiensis Alex.

Ctenacroscelis walkeriana Alex. n. sp.

Ctenacroscelis Lepidus Alex.

Doaneomyia fijiensis Alex.

Thripticomyia saltous Dolesch.

Trentipohlia brevicellula Alex.

Trentipohlia near *Australasiae* Skuse

Gonomyia digitifera Alex.

Gonomyia tyransis Alex.

Limonia veitchi Alex.

Limnobia teucholabia Alex.

Psychodidae

Brunettia sexpunctata Town. 2 mm wings large fuscous with marginal small white dots.
(Suva, on windows)

Culicidae

Stegomyia fasciata [*Aedes aegypti* Lim.]

Stegomyia scutellaris Walker (Questionable)

Stegomyia pseudoscutellaris Theobald.

Culex nocturnus Theobald.

Culex fatigous Wied.

Culex japoni theobald

Taeniorhynchus fasciolatus Theo var.

Taeniorhynchus brevicellulus Theo. Dark var.

Mansonia sp.

Desvoidea sp.

Ochlerotatus nocturnus Theo.

Chironomidae

Chironomus sp.? Light brown, ant plumose abd. Banded white & fuscous 6 mm
(Lantoka, Cole & Suva)

Ceratopogon senslat.

Atrichopogon cauernauomi Edw.

Dasyhelea sp.

Palpomyia sp. ch. *Flagellata* Edw.

Atrichopogon sp.

Mycetophilidae

———— slender, 2 ½-3 mm dark fuscous, wings smoky (Suva, Tamavua)

———— More robust 5 + mm dark brown & fuscous wings smoky (Tamavua)

Bibionidae

Scatopse brevicornis Mcq. Very small slender blast (European sp.)

Stratiomyidae

Sargus sp. (metallic green & blue like over “*Saegus* sp.”) 9 mm (Suva, same bud from banana)

[*Sargus* sp. apparently same sp. from Tahiti]

Chromatopota annulipes Walker Entirely metallic dark blue Antennae black with 3rd segment longer, terminal anisto 10-11 mm (Ovalau)

———— thorax met. Green abdomen 2 basal met. Dk blue sp (Vunilagi, Ovalau, Savu Savu)

———— [(Apparently same sp. from Tahiti-male abdomen all blue)]

———— [allied sp. from Tahiti]

———— 6-7 mm brilliant green thorax (brown when old abdomen with spots & Margin green (Ovalau, Buca)

———— (like above, amt abdomen black without spots).

———— small, slender dark met blue 3 mm, brown legs

———— 6-8 mm similar to 610.763 etc but abdomen yellow with brown stripe (Motonki)

———— (similar to above, abdomen covered by wings (Suva)

———— ——— (Similar 8 mm black golden pubes (Motonki)

———— ——— (similar 7 or 8 mm black abdomen with basal & lateral areas (Taveuni on black)

Odontomyia sp. thorax dark pileriose abdomen brown greenish with medial darker spots legs brown 5-6 mm (Waialilai)

———— ——— 3 mm same as above but much smaller (Buca)

———— ——— 3 mm dark aeneous legs brown (Suva Suva)

———— ——— 4 mm shiny black unicolor legs black & brown (Buca Ovalau)

———— ——— 3-4 mm black sides of abdomen & legs brown (Sigatoka R.)

———— ——— 5 mm thorax aenous pilous abdomen light green (Suva)

Leptidae

———— ——— Brown, head wide (black abdomen conical, banded fuscous 6 mm (Ovalau)

Tabanidae

Tabanus fijianus Ric. Robust 10-12 mm Brown & fuscous wide flattish thorax with 2 dorsal cinereus stripes wings smoky abd. Margins lighter (Spec. caught at Colo-i-Suva) (Ovalau, Buca)

Silvius sp. near *indistinctus* Ric. Dark brown wings smoky legs fuscous (Ovalau, Levuka)
 --- ---- Fuscous with yellow pile wings clear 7-8 mm (Savu Savu Ovalau)

Lonchaeidae

Lonchaea splendida Liv.

Therevidae

———— ——— 9 mm very slender, abdomen long & very slender (Taveuni) Dark brown & fuscous

Asilidae

- 18-20 mm. Fuscous, white hairy, margin abdomen narrowly light Thorax with 2 faint lory lines wings yellow smoky (Buca B.) (Coli-i-Suva)
- 14-15 mm. Dark metallic green Black & white hairy wings slightly smoky, veins black (Ovalau)
- Maira* sp. 14 mm. thorax black with margin & 2 lumulus behind humeri white pollinose legs & abdomen shiny black, hairy. Wings fuscous toward tip (Vumilagi, Buca)
- Maira* sp. 12-13 mm. Aeneas, very dark metallic green white & black hairy, wings evenly light fuscous (levuka)
- 10-12 mm. Dark metallic green hairy wings nearly clear (Ovalau)
- 8-9 mm. Fuscous, abdomen slender, legs lighter wings nr. Clear slight hairy (Vunilagi, Taveuni)
- 9-11 mm. fuscous, abdomen more robust, legs dark, Lemora thick wings near clear hairy sp. (Kowata)
- 6-8 mm. abdomen not tapering, robust. Shiny black (Vunilagi) Wings smoky halteos reddish brown
- 5-6 mm. Slender, black, white hair, abdomen cylindrical (Taveuni, Waialailai)
- Ommatius* sp.

Dolichopodidae

- Psilopus* sp. n. spp. metallic green, copper sharding some have knobs on antennae (Suva, Lomalomo, Rarotonga, Taveuni, Ovalau)
- [*Psilopus pachygyma* Meig. Familiar u-shape & fuscous mask (Tahiti)
- 2 1/2-3 mm. very slender, metallic copper green, legs yellow (Taveuni)
- 2-3 mm. shiny metallic green legs yellow (Ovalau)
- 2-3 mm. shiny metallic green, legs dark (Tamavua)
- 3-4 mm. thorax metallic green abdomen copper banded very long arista ending in knob (Sigatoka)
- 3 mm. shiny dark brown (eyes oriole up lite)

Phoridae**Conopidae**

Syrphidae

Eristalis? ——— 8 mm + robust thorax dark cinerous with 2 black styles & 4 black spots (Hovering over water in fallen tree where “rat tailed larvae “were found”) (Vunilagi) Abdomen metallic greenish with black bands wings slight smoky

Eristalis sp. 9 mm. robust shiny metallic black, thorax 3 stripes & border lighter abdomen metallic black with black bands. (Tamavua) (Ovalau)

[*Volucella obesa* Fab. Tahiti]

————— 10-12 mm. Thorax shiny black, red hair on sides, abdomen long ovate flat, red brown with black narrow margins (Levuka) ant. & front brown

————— 6-8 mm. robust. Sea green 3 black crossbands on thorax & more on abdomen latter with yellow pile wings slight dusky (Ovalau Vunilagi)

Xanthogramma sp. 9-12 mm. slender thorax shiny black pleunae & scutellin brown (Fading on black aphid on orange) (Savu Savu Lekutu, Ovalau, Motoiki) (Suva) Abdomen yellow-brown, markings broadly black

————— [(same or very similar sp. from Rarotonga)].

Xanthogramma sp. (very similar, but scutellum black, edged with brown)

————— 8-9 mm. very similar, scutellum entirely shiny black abdomen black markings

Syrphus (Xanthogramma) sp. near grandicous 8-9 mm. Thorax shiny black sides & scutellum brown hairy, abdomen yellow brown seg. Margins black

Melanostoma planifacis Meq l. 7-8 mm. Thorax & Scut. Shiny black abdomen yellow brown, darker toward tip with very narrow cross line wings dusky (about low herbage & at flowers) (Vunilagi, Suva) (Levuka) (The Levuka specimen has median abdominal & hind margins of segments dark ciner and wings nearly clear).

Syritta oceanica Macq. (Moorea, Rarotonga)

Baccha sp. like 10 mm. dark metallic blue abdomen acuminate clubbed shape wings dark fuscous (Ovalau, Levuka)

Xanthogramma grandicorne Macq.

Ortalidae

Pseudorichardia flavitarsis Macq. 4 mm. metallic blue (green) wings with fuscous cross near center of costa (Suva) (On coconut affected with mealy bug)

Rivellia basilanis Wied. 2 ½ mm dark or reddish brown wings with 2 cross lines & long streak fuscous (Savusavu, Suva)

Pseudorichardia near *flavitarsis* Macq. Larger 5 mm. similar color & wing (Ovalau, Moorea)

————— 3 mm shiny black legs reddish brown wings clear (Tamavua)

————— 2 mm. shiny metallic black, legs black wings clear with single small fuscous spot near tip (Nananuira)

[*Scholastes lonchifora* Rond. Rarotonga & Tahiti] (From ripe coconuts) (can see no distinguishable characters separating 2 spp.)

Scholastes bimaculatus Rond. (Common on ripe coconuts) (Vunilagi, Suva).

Scholastes cinctus Guer (larger & without dark spots on wing)

Rivellia connata Thoms. (shiny black; apricot dot)

Acrosticta pallipes Grimsh. [Send down specimen]

Euxesta annonae Fab. (South America West Indies, Hawaii)

Trypetidae

Dacus passiflorae (Frogg) dark fuscous, scutellum cinereous brown wings clear, dark veined 6-8 mm. (Bred from *Capsicum* sp. also at honey dew Suva) (in grandelles 4 mango)

[*Dacus melanotus* Coq. 8 mm. dark fuscous costal margin dusky Rarotonga]

————— small, 2-3 ½ mm shiny black wing infuscated on upper ¾ with patterns (Yasawa Suva)

————— small 1 1/2-2 mm black fuscous reticulate pattern with 3 spots centers extending to base (Ovalau, Taveuni)

Oxyna parca Bezzi small 1 ½ to 2 ½ black; fuscous reticulated pattern extending to base. Some white pilose (Ovalau, Taveuni, Wailalailai) (India)

- 4-5 mm. cinerous with central fuscous linear wings with extensive reticulate pattern with 6 spot centers
- 4 mm. cinerous with fuscous dots reticulate pattern more open no distinct centers (Suva, Naviki, Taveuni)
- 4 mm. Thorax fuscous abdomen canerous fuscous wing reticulate fuscous (Waiailalai)
- 6 mm. half wing fuscous, half clear fuscous (Ovalau)
- [*Dacus tryoni* 6 mm. thorax fusc. Lat yellow lunates abdomen fusc. 2 basal segments sinerous wings clear (Brisbane)

Agromyzidae

- Agromyza* sp. 1 ½ m shiny black [looks like *A. lantanae*] (Suva)
- 1 ½ shiny black (Cazolai, Leaf miner)
- Milichiella* 1 ½ shiny black wings whitish (Suva, stable manure)

Sapromyzidae

- Lonchaea splendida* Luv. (shiny met. Black)

Sciomyzidae

Piophilidae

- Piophila casei* L. (bred ex close)

Drosophilidae

- Drosophila* sp. 2 ½ mm. light brown
- Drosophila* sp. 2 ½ mm fuscous, abdomen banded fuscous & cinereous
- Drosophila* sp. 2 ½ dark brown

Drosophila melanogaster Wied.

Micropezidae

Nerius sp. Thorax fuscous with med. Cinerous stripe abdomen cinerous with lateral & med fuscous stripe legs fuscous front & ant brown (Suva & Taveuni)

Tachinidae

Sturmia sp. 8-9 mm. robust black thorax polinose app 3 stripes (bred from *Sphinx* suva) abdomen bristly hind marq of seg polinose white wings yellow at base

Diaphania sp. 10-12 mm. robust black T. polinose, 2 striped. Abdomen as above wings yellow on tower ½ (Vumilagi, Levuka)

————— 8 mm. similar to above, but thorax with 4 lines (Savu Savu)

————— 8 mm. thorax yellow pilose, 2 prs. Strong fuscous lines converging behind bases of wings quite yellow (Ovalau)

————— 9-10 mm. thorax like 831 abdomen with lateral reddish spots on 1st & 2nd segments (Vunilagi, Savu Savu)

————— 5-6 mm. Resembles *Frontina archippina* (Ovalau)

————— 3-5 mm. like above but smaller, wings yellowish at base (Ovalau)

————— 2 ½ mm. Shiny black slender cylinder (Buca B.)

Sturmia bimaculata Htg. 6-7 mm. 4 per dorsal lines gray & black parasite on ciplis lorenzi common Europe

Ceromasia sphenophori Vill.

Stomatorrhina discolor L. Fab.? Black thorax, greenish brown abdomen tips of wings head flattened eyes of male contiguous

Dexiidae

————— 14-16 mm large robust reddish coppery with dark patches front black orbits ?

————— 8-9 mm. thorax black with broad central cinerous stripes abdomen & legs red brown wings fuscous apically, yellow basally.

Sarcophagidae

Sarcophaga sp. thorax golden pile, 3 broad black stripes, abdomen shiny metallic black squamal & base of wings red-yellow 12 mm

Sarcophaga sp. thorax & wings same as above, abdomen with lat gray areas 8 mm (Ovalau, Levuka, Wailailai)

Sarcophaga sp. 10 mm. gray 3 stripes, yellow pile, abdomen changeable plaid (Taveuni)

Sarcophaga sp. 5-6 mm. same as above suva from imported onions from N.S.W.

Sarcophaga barbata Thoms. (Illingworth det.)

Sarcophaga dux Thoms (Illingworth det.)

Oestridae

Gastrophilus equi (?) thorax red brown haired, wings clear (Rewa)

Muscidae

Musca vicina Macq. (house fly-narrow fronted males)-*musca domestica* Lin (according to Veitch)

————— robust purple metallic 8 mm.

Chrysomya albiceps (white spirale) (Suva, Taveuni)

Chrysomya megacephala (Fab.) (Suva)

Lucilia sericata (Meig) (Suva)

————— small metallic green 3 mm (Taveuni)

Stomoxys calcitrans L. (Suva)

Stomoxys ? ——— gray thorax, brown abdomen with wide dark marginal (Taveuni)

Synthesiomyia brasiliensis (B & B) = *mediseta* (Van der Wulp)

Anthomyidae

Acritochaeta pulvinota 3 mm & gray striped thorax abdomen brown, fusc. (Suva)

———— ——— 5-6 mm gray thorax, brown abdomen with fuscous spots (Ovalau,
Lautoka, Vunilagi)

Ophyra near *nigra* wied. 6-8 mm. shiny black (Suva, Taveuni)

———— ——— 2 ½ mm. shiny black (Taveuni)

———— ——— 3-3 ½ gray thorax, yellow brown abdomen fuscous bands

———— ——— The common robust yellow brown fly 4-5 mm. wings slightly yellowish

Pupipara-Hippoboscidae

Ornithocia pusilla cokin body fuscous 2 mm wings fuscous

Ornithoctona australae body dark brown 8 mm wings fuscous

Nycteribiidae

LEPIDOPTERA

Rhopalocera (Butterflies) [from Poulton, Trans. Ent. Soc. Apr. 15,1924]

Euplaea helcita helcita Bois. (New Caledonia)

Euplaea helcita lilybora Frisch. (New Hebrides)

Euplaea helcita eschscholtzi Feld. (West Fiji)

Euplaea helcita walkeri H. H. Druce (Polynesia)

Euplaea helcita bourkei Poulton (Samoa)

Euplaea helcita mathewi Poulton (Tonga)

**Euplaea boisduvalii proserpina* Butl. (West Fiji)

Euplaea boisduvalii simmondai Poulton (East Fiji & Wallis)

Euplaea schmeltzii H-S. (Samoa)

Euplaea tulliolus protoforsteri Poulton (West & East Fiji)

Euplaea tulliolus forsteri Feld. (West & East Fiji)

Euplaea nemertes macleayi Feld. (Fiji)

Danaida Melissa melittula H.S. (Samoa)

Danaidae Melissa Augustata Moore (Tonga) (brown with white spots)

Danaidae Melissa Neptunia Feld. (Fiji)

Danaidae Melissa Protoneptuna Poulton (Fiji)

Tarumala claribella Butl. (Brown, white basally & spots)

Hypolimnas bolina L. sub. Sp. *Iphigenia* Cram.

Hypolimnas antilope Cram.

Cacliplaea adyte Boisd. (blue brown white spots in fine wing)

Precis villida fabr. (Like small *Vanessa* brown orange, blue halved spots)

Danais archippus Fabr. (monarch)

Eulepis caphontis Hew. (brown, with yellow (fine) & red brown (h. co)

Acraea Andromache Fabr. (brown, cinerous semi transparent)

Vanessa cardui ab. *Kershawi*

Papilio schmeltzi H.S.

Doleschalia sp. (larvae feed on *Erythrina* leaves) orange brown & black

Charaxis sp. Olive-black, white spots f.w. h.w. red spots white stripe

Xoïs sesara Hew. Small, white, brown border, orange halved black spot 2 white dots in upper outer corners

Melanthis leda brown, dark brown spot with 2 white points in upper ant. corner Nymph
Melanitis leda L.

Junonia w. vellida Small resembles small *Vanessa* with black white centered spots

Atella orange, black bordered, forward marginal black spots

Pieris? White costal margin fuscous, 3 small spots.

Terias hecabe yellow, f.w. with fuscous costa & tips.

Callidryas sp. near *Scylla* f.w. white fuscous marginal spots; h.w. yellow.

Deragena proscupina Butl. (brown, white spots) (Nymph)

Nipora eschscholtzii feld. (brown, white spots) (Nymph)

Pieridae

Terias sulphurata Butl. (yellow brown margin) small

Belenas clarissa Butl. (white, black margin) large.

Catapsila alcyare Cram. (all white, brown fm w. tip).

Huphina perithea Feld. (cream, brown f.w. tip & 3 br. dots)

Hesperiidae

Padraona angustula H.S. (small brown & orange)

Hasora chromis Cram. Var. (large velvet brown)

Lycaenidae

Dendorix mathewi Druce

Tecla aqua lavender & fuscous

Nacadoba vitiensis ? fuscous with purple pubescence

Nacadoba sp. small, fuscous, h.w. 2 small dark fusc spots.

Catochrysops cnejus Fabr. (Asia & Oceania) (purple gray, s, h.w. marg. Dots)

Lampedes baetica Linn. (purple gray 2 dots)

Zizera labradus Godt. (purple gray, no dots) (bred from *Vigna catrang*)

Janides woodfordi Butl. (shiny blue, dark margin)

HETEROCERA (MOTHS)**Pyralidae**

Margaronia indica (Sam) (Taveuni) wing brown white center

Margaronia stolalis Guess. (Dreketi) white, brown border & bands

———— ——— (Suva) yellowish white brown reticulate

———— ——— (Suva) f.w. mottled light brown; h.w. white edged brown

———— ——— (Suva) f.w. brown small white spot h.w. white & brown

———— ——— (Suva) brown cinerous, white marginal hairs

———— ——— (Suva) chocolate brown, fuscous patel.

———— ——— (Suva) light brown & white

———— ——— (Suva) speckled chocolate 2 cross lines

———— ——— (Suva) dark chocolate, reddish br. toward base

Eurilyporodes tricoloralis Z. (Rabuler) yellow, silvery gray blotches.

Marasimia venialialis Wlk. (Suva) yellow cinerous, with gold copper border & lines

Lamprosema diemenalis Guen (Suva) Orange yellow, brown border tip & blotches

———— ——— (Suva) small plane chrome orange yellow

———— ——— (Suva) straw brown with silver brown border & line

Cataclysta drusiusalias walker (Suva) orange yellow & silver h.w. 4 marginal black dot

Endotricha mesenterialis Walker wth. (Suva) yellow brown, f.w. purplish.

———— ——— (Suva) basally chocolate, apically fuscous

Piletocera melananges Meyr. (Suva) black above, legs & patches below red brown

———— ——— (Suva) Dark brown, white marginal spots.

———— ——— (Suva) Light brown with small white areas

Piletocera pseudatelpa Meyr. (Suva) Dark brown with orange spots, body orange below

Dracaenura asterista Meyr (Suva) (white with black spots on abdomen) (light brown, white border hairs & white areas

————— (Suva) (white, golden bronze costal margin & spots Taiji Ferguson I.)

Dracaenura pelochra Meyr. (Caloni) at Mango blossom yellow brown with wavy dark cross lines

————— (Suva) mottled brown, dark wavy cross lines

————— (Suva) straw brown, a few small fuscous dots.

————— (Suva) large dark brown 2 small white dots f.w. 1/3

————— (Suva) orange yellow silvery border & cross lines

————— (Suva) chocolate brown, purplish metallic tinge

————— (Suva) chocolate brown, purplish metallic tinge

————— (Suva) orange brown with straw brown patches & apical parallel dots

————— (Suva) orange brown with straw brown patches 4 orange wavy cross lines

Cryptablabes plagioleuca Turn.(Suva) f.w. metallic purple brown f.w. white

————— (Suva) mottled brown h.w. fuscous basally white

————— (Suva) light with dark blotches body with silver scars

Corcyra cephalonica Stt. in staed rice & chocolate glossy small brown

Hymenia fascialis Cram. (small common brown & white abmit welds) amaranthus str

Ephestia sp. (small chocolate brown destroyed ripe dried bananas)

Tirathaba trichogramma Meyr.

Psara rudis Warr. (leaves of *Gomphrena globosa* L.)

Arctiidae

Utetheisa pulchella L. (cosmopolitan) (looks like one in ten) (breeds on *croton striata*)

Oconistes entella Cram. (large ocler with black stripes)

Zygaenidae

Levuana iridescens B. Baker

Tirathaba trichogramma Meys.

Noctuidae

Hyblaea puera Cram. 12 mm wing spread 3 cir h.w. buck red & black f.w. brown & cinerous

————— 12 mm. spread 25 mm f.w. light red brown & yellow h.w. fusc. & white

————— spread 25 mm. fuscous & red brown fuscous h.w.

————— spread 28 mm. mottled brown & fuscous

Erias fabia Cram. Brown cotton boll worm (cotton pest) green & white striped 2 mm spread

————— large, all white, ant. only brown

————— 28 mm. spread light brown, fuscous lins & band near tip

Eustrotia ritsemae Snellen white with 2 brown cross bands

Anomis flava F.

Grodemia littoralis (common on ornamental plants)

Orthis fullonica Linn. Very large brown f.w. h.w. orange cr with black hind end (Africa, Asia, Australia on leaves of coral tree)

Cosmopterygidae
(Lavernidae)

Cosmopteryx chrysocrates Meyr. Brown micro orange & silver disial patch

Labdia calida meyr. Bred from ripe cotton balls

Labdia allstriopa Meyr. Bred from ripe cotton balls

Labdia Spirocosma Meyr. Bred from ripe cotton balls

Limnaecia inconcinna Meyr.

Heliodinidae

Stathomopoda sym. *Trichrysa* Meyr. from cotton balls Purple chocolate micro with 2 yellow patches across f.w.

Hieromantis munerata Meyr. Cinerous & yellow brown 7 mm wing with patch of 4 black spots on hind wings

Hypsidae

Deilemera fasciata Wlk. (common moderate brown with white spots) body white brown & orange bands)

Phyllorycteriidae

Cyphosticha caerulea Meyr. (ex *vigma luter*)

Eucosmidae

Argyroploce illepida Butl. Purplish chocolate with darker spot hind tip

Lavernidae

Proterocosma epizona Meyr. Brown micro 2 white spots on wing

Proterocosma triplaneris Meyr.

Pyroderces euryspora Meyr. (diseased cotton balls)

Cosmopteryx chrysocrates Meyr. n. sp.

Cosmopteryx minaelis Meyr.

Cosmopteryx gloriosa Meyr. n. sp.

Stagmotophora erebinthia Meyr. n. sp. (ex ripe cow pea pods)

Stagmotophora flexa Meyr n. sp. (ex ripe cow pea pods)

Labdia petoroxenta Meyr. n. sp. (ex ripe cow pea pods)

Persicaptila anthomima Meyr. n. sp. (ex ripe cow pea pods)

Glyphterygidae

Imma leucomeptis Meyr.

Simaethis chalcotoxa Meyr.

Ernolytis chlorospora Meyr. (gen. & sp. n.)

Glyphipteryx isochasta Meyr. (flowers of *Cypelascae*)

Syntomidae

Euchromia vitiensis Hisp (Black & Transparent, body-black green dots & 2 orange bands)

Gelechiidae

Platyedra gossypiella Sound. (bred from Hau).

Atasthalistis hieropla Meyr. sp. n.

Phthorimaea heliopa Lower.

Rhadenophylla siderosoma Turn. (leaves of *Pinganiaglatea*)

Gracilaridae

Aerocercops praesecta Meyr. n. sp.

Galleriidae

Corcyra cephalonica Staint.

Pterophoridae

Sphenarches caffer Z. (hibraus leaves & buds)

Lyonetiidae

Decadarchis heterogramma Meyr.

Decadarchis decaspila Low.

Decadarchis psammaula Meyr.

Decadarchis simulans Butl.

Opogona ambylxena Meyr.

Hyponomentidae

Atteva aleatrix Meyr.

Cyathaula maculata Meyr. (under bark dead timber)

Tineidae

Monopis pentadisca Meyr.

Tinea verna Meyr.

Hieroxestis aurisquamiosa Butl. (cotton balls)

Opogona aurisquamosa Butl.

Hectacma praefraita Meyr. n. sp. (resting on cane leaf)

Autosticha solita Meyr. n. sp.

Comodica polygrapta Meyr. sp. n.

Thyrididae

Brixia bristialis Walk. (cream small font brown network)

Striglina supena Butl. (mod. Orange brown, substriulate)

Cosmopterygidae

Labdia eipzona Meyr. from ripe cotton balls

Labdia allotriopa Meyr. n. sp.

Labdia senodoxa Meyr. n. sp.

Labdia microdictyas Meyr. n. sp.

Labdia Clytemnestra Meyr. n. sp. (erroneously ident is *L. semicocinsa* set.)

Labdia intuens Meyr. n. sp.

Crambidae [= pyralid]

Crambris cuneiferellus walk. (pale cream)

Crambris malacellus Dup. (f.w. brown; med white stripe)

Larentidae

Pyroderces euryspora Meyr. (ripe cotton balls)

Pyroderces megacentra Meyr.

Coleophoridae

Agonoxena argaula Meyr.

Geometridae

Colutoeras sp.

Thalassodes pilaria gn. (large dull blue-green)

Clena sp. ?*vitiensis* b. bat. (mottled gray & white) (on leaves mucuca aterina hall)

Colutoceras cheromota Meyr. (small blue green orange brown margins)

Scopula homodoxa Meyr. (small cream pale wavy lines)

Anisodes praeternissa bastall. (mod. Cream pale wavy lines)

Anisodes samoana War. (mod. Cream pale wavy lines)

Anisodes sp. (prob. Fiji race of *compacta* war)

Cossidae

Acritocera negligipus Butl. (spathe bare coconuts)

Collix lasiospila Meyr.

Chloroclystis bocna Druce

Sphingidae

————— (large brown purple brown sphinx, white lateral line and gell brown hind wings bordered with purple brown.)

Hense convolvuli Linn. (large gray, mottled sphinx, abdomen with pink patches) hind wings without pink (Brown and gray, smaller, front half of f.w. dark brown, hind half lighter. Hind wings & fuscous with dark line near margin)

Deilephia lineata (?) brown with white line pink & black h.w.

Hippotion celerio L. (old world)

Hippotion velox f. (similar without pink on hindwings)

Macroglossum hirundo boisd. (small brown orange on h.w.)

Macroglossum hirundo subsp. *Vitiensis* roth. (white bar f.w.)

Macroglossum hirundo subsp. *Hirundo* bois. (no white bar f.w.)

Chromis erotus Cram. (common large brown with white lateral lines) (Polynesia) hind wings light orange.

Psilogramma menephron Cram. (gray & white, large, brown marks)

MICROLEPIDOPTERA (not previously put in a family).

————— small brown casemoth “cement”-like case.

Cyphosticha caerulea Meyr. very small slender fuscous

VEITCH’S MICROLEPIDOPTERA

Lyonetidae

Decadarchis simulans Butl. (white black spots)

Decadarchis minuscula Wals.

Decadarchis heterogramma Meyr.

Decadarchis flavistriata Wals.

Decadarchis tetraglossa Meyr. sp. n.

Lyonetia luxurians Meyr. (resting on cane leaf) [*Hectacma praefra*] (m.s.)

Lyonetia spinitarsis Meyr. n. sp.

Catalectis phgretopa Meyr. n. sp. (ex white fungus on dead stirrups)

Catalectis ptilozona Meyr. n. sp.

Erechthias zebrine Butl. (ex path helmit)

Erechthias flavistriata Wals.

Phruriastis meliphaga Meyr.

Diachalostis tetraglossa Meyr. sp. n.

Pontodryas loxosema Meyr. n. sp.

Catalectis drosoptila Meyr. n. sp.

Lavernidae

Ulochra streptosema Meyr.

Stathmopoda trichrysa Meyr.

Stathmopoda habinthia Meyr.

Labdia hastifera Meyr.

Labdia semicoccinia Staint

Labdia spirocosma Meyr.

Labdia ratiaralis Meyr. n. sp.

Labdia calida Meyr.

Labdia allotriopa Meyr.

Hieromantis munevata Meyr.

Hieromantis primiata Meyr.

Calicotis praerista Meyr.

Olethreutidae

Crociosema plebeiana Zell. (ex fruit *Eugenia malacensis*)

Laspeyresia delineana Walk.

Spilonata holotephras Meyr. (on guava leaves)

Spilonata cryptogramma Meyr. n. sp.

Tortricidae

Argyroploce illepida Butl. (on fruits colubrine Asiatica) (mod. Size brain)

Argyroploce aprobola Meyr. (ex green fruits *Geochidim*)

Argyroploce pachyplenia Meyr.

Adoxophyes fasciculana Wlk.

Cancanodes orthomotalla Meyr. n. sp.

Polychrosis rhipidoma Meyr. (flowers of *Cleridendron anicorn*)

Cosmopterygidae

Cosmopteryx dulciona Meyr.

Cosmopteryx chrysocratis Meyr.

Cosmopteryx gloriosa Meyr.

Lithocalletis aglaozona Meyr.

Limnaecia fuscipalpis Meyr. n. sp.

Limnaecia capsigera Meyr. n. sp.

Limnaecia phaloplura Meyr. n. sp.

Idiostyla catharopis

Tineidae

Lindera tarsellatella Blanch.

Idiophantis chiridota Meyr. (bred ex pint *Eugenia malacera*)

Idiophantis disparota Meyr. n. sp.

Exelastis pumilio Zell.

Tinea chlorospora Meyr.

Trachycentra chlorigramma Meyr.

Tricophaga abruptella Woll.

Hellula undalis Fab.

Themeliostis goniozond Meyr. n. sp.

Gracilaria scyella Dav. (mines leaves *Phaseolus calcaratus*)

Setomorpha rutella Zell.

Opogona regressa Meyr.

Opogona amblyxena Meyr.

Plutella maculipennis Crt.

Cyathaula maculata Meyr.

Hieroxestis citrinodes Meyr. (bred ex grub in rotten cow pea pods)

Hieroxestis hapalopa Meyr. n. sp.

Ethmia colonella Wals.

Decadarchis flavistriata Wals.

Decadarchis subsideus Meyr. n. sp.

Decadarchis heterogramma Meyr.

Schediastis epiphiacta Meyr. n. sp.

Heliodinidae

Hieromantis tribolopa Meyr. *praemiata* Meyr. sp. n. (galls in leaves Araliaceas short) (= *H. ephodophora* Meyr.)

Hieromantis munerata Meyr. n. sp.

Stathomopoda trichysa Meyr.

Calicotis praerisia Meyr. n. sp.

Gracilariidae

Gracilaria octopunctata Turn.

Gracilaria xanthopharella Meyr.

Acrocercops habroscia Meyr. (ex galls, leaves of *Calophyllin unophyll*)

Acrocercops sarcociossa Meyr. sp. n.

Acrocercops macrochina Meyr. (feed on leaves *Caesalpinia bondicella*)

Timodora callicinha Meyr. sp. n.

Phyllorycteridae

Cyphosticha centrometra Meyr. (sp. n.)

Cyphosticha caerulia

Lithocolletis aglaozona Meyr. (feeds in desmodium)

Acrocercops patellata Meyr. n. sp.

Coleophoridae

Agnoxena argaula Meyr. (gen. & sp. n.)

HEMIPTERA

Pentatomidae

Platynopes malacanthum Bois. Red brown, 10-12 mm with purplish tinge yellow hair eating levuana larvae (Suva)

[*Dechalia consocialis* Boisd. Small, red brown (Tahiti)]

Canthacona cyanacantha small, 8 mm red-brown hyalia spot near tip of ear (Wainchulca)

————— Mod small 9 mm light cinerous brown, outlined in reddish “shoulders” without points (Moorea)

Regala biguttata (Hagl.) light brown, 12 mm wings darker markings tip tip of abdomen & pointed 2 or east side (Rewa)

————— ovate 14 mm light green “shoulders” without points (Savu Savu)

Regala sp. brown, similar to *biguttata* but wings unmarked tip of abdomen 4 pointed 2 prs closer together than *biguttata* (Motoriki)

Androllus spinideus Fab. dark brown margins & legs lighter 11-12 mm tip of abdomen without spines (Tabia, Macuata)

Vitellus insularis St. 12-14 mm brown-fuscous “shoulders” with long spines & tip of abdomen with two (Colo-i-Suva)

Tectocoris lineola Fab. various variable patterns of orange, blue, green, and red fuscous 14-18 mm wings infuscated (Nasina, Yasawa, Savu Savu)

Catacanthus viridicatus Distant 20 + mm beautiful metallic fuscous with green & red ripe (Suva)

Coleostichus sordidus Walk?) Semiovate 10-12 mm mottled brown & fuscous some with dark blotches (Suva, on Lantana berries)

Lamprophara bifasciata White brown with two green cross bands and discal spot 9-10 mm (Fiji & Samoa) (Ovalau) (Taveuni)

Brachyplatys pacificus Dall. Flat hemispherical shiny black 4-5 mm [common in weeds] (Tonga, N. Heb., Marianas, Nabuabua, Suva)

Coleostichus nigrovarius Walker like *sordidus* but fuscous patches more pronounced (Suva, at light).

Piegodorus rubrofasciatus Fabr. Subovate, dark olive brown with red cross-line 8-9 mm

Alciphron glaucus Fabr. (greenish brown, no points) (on grenadill)

Geotonius pygmaeus Dall. (small brown to fusc.) (Oriental Region)

Coreidae

Riptortus annulicornis Bois. 14-15 mm brown, pleural spotted, yellow waste compound hind femora thickened with 2 spines (Motoriki)

Riptortus abdominalis Westwood 14-15 mm narrow dark brown plumae yellow spotted etc (Savu Savu)

Leptocorisa varicornis 14-17 mm narrow elongate brown hind femora slender (also called *Myodocha centa*) (Waiailaitie, Suva)

————— fuscous 10 mm head & pleurae reddish bases of femora light slender (Ovalau)

————— entirely fuscous 10 mm narrow [possibly same as 935] (Lautoka)

Melancanthus scutellaris Dall. Entirely fuscous 9 mm slender (Macuata)

Mictis profana Fab. var *crux* Dallas large 2 cm robust fuscous dorsum with larvae light brown hind femora thickened (Kadavu)

Theognis (= *Leptoglossus*) *australis* Mayr. 15 to 20 mm robust black prothorax with fine red band & similar colored marking on head behind eyes & tip of antennae (Ba) (Suva, on Guava)

————— 9-10 mm brown median darker slender enlarged

Leptoglossus australis Fabr. (black with orange red markings on antennae, prothorax & plimore (Australia South Sea Islands)

Leptocaisa acuta Stål. (slender, elongate red-brown) (Australia, Oriental region)

Melanocanthus margineguttatus Dist. (dark brown, slender)

Brachylybas variegatus LeGuill.

Notonectidae

Anisops fieberi Kirk. (oval, brown, water)

Berytidae

Pronatacantha decorus Uhler (very slender) (West Indies)

Lygaeidae

Phoenacantha pacifica How. 8-9 mm very slender, reddish to fuscous brown prothorax & front black ant threadlike (Levuka, Wailalidai)

Pamera sp. 6-7 mm black sides & legs lighter (Levuka) (*Orthaca limbata* Stål)?

Pamera andrewsi Dist. (small fusc.)

Pamera victa Say. (Central & North. American Antilles, Oriental Region)

————— 4-5 mm black wings by alive on sides legs light except apex of femora

Pamera nigriceps Dall. (Savu Savu)

Pamera limbata St.

Germalus pacificus Kirk. (4-5 mm wider (2mm) fuscous wings & legs cinereous (Motoriki) (common in Cane)

Paromius pallidus Montr.

Serinatha lurida Dall.

————— 5 mm red brown tips byaline (Agata, Wailalilai)

Orthoea nictneri Dohrn(?)

Graptostithus serous Fabr. Var.

Brachylulus variegatus Le Guill.) subovate, 8 mm mottled fuscous yellow brown (Ovalau, Taveuni)

Cyrtohinus mundulus Bud.

Orthaea (Pamera) nigriceps Dallas fuscous 5-6 mm (moldy)

Sinierus vitiensis Kirk.

Nesodaphne knowlesi mottled fuscous (1 moldy) breadfruit & tobacco (Lautoka)

Nysius vinitor Berg (?)

Pyrrhocoridae

Dysdercus impictinentis (Stål) elongate ovate, 15 mm black gray & reddish legs black, femorae red-brown (cotton stainer “Suva”)

Dysdercus insularis Stål. Elongate ovate, 12-13 mm reddish & black a black spot on each side of the apex of wing (Levuka)

Graptostethus servus Fabr. var. *elongata* wate 9-10 mm black & red ? in rotten coconut (Taveuni)

Arocatus sp. elongate ovate, 11-12 mm black thorax scutellum reddish-brown (Levuka) (Ovalau)

Caenocoris sp. elongate ovate, 12-14 mm dark reddish brown tips of wings infuscated Tahiti

Pyrrhobaphus leucurus Fab. (red & fuscus gray pub no spots)

Derbidae

Pyrrhoneura socchanaida Kirk.

Pyrrhoneura citharista Kirk.

Tingidae

Nesocypselas dicysta Kirk. 4-5 mm Membranes wings fuscous thorax with beautiful membraneous “hood” in each side (Bua)

Nesocypselas dicysta Kirk. 2 1/2 -3 mm (as above) underside breadfruit leaves (Lautoka)

Holapygdon melanesica Kirk.

Hydrometridae

Gerris lineata Carp slender 9 mm fuscous waterstider with median line & outline of thorax on dorsum, narrowly white (Suva)

————— 4-6 mm light strawberrie brown head black (Sigatoka)

Henicocephalidae

Henicocephalus sp. very small collar like prothorax 5-6 mm fuscous & red brown
“dancing in air like Diptera” (Ovalau)

Reduviidae

————— prothorax slender knuck like elongate 15-18 mm slender fuscous tip of
scutellum yellow (Ovalau)

Acanthobrachys costalis Stål 6 mm slender black, side yellow, legs brown (Ovalau)

Palididus armatissimus St. 11-12 mm light & red brown legs & sides of body with
numerous long & short spines (Taveuni)

Oncocephalus tennulipes Stål (Asia Africa Australia) (Brown, long, fusc. Cent stripe)

Luteva circe Kirk. (very slender, light brown)

Polytoxus (?) *triacantharis* Fabr. (slender, light fusc.)

Nabis capsiformis Germ. (slender, light brown)

Ploriariodes Euryale Kirk. (very slender dark brown)

Ploriariodes cardamine Kirk.

Cimicidae

988 *Cimex rotundatus* (sign.) bed bug (Lautoka) “commonly known as the Indian bed-
bud probably originally introduced from India in clothing of the Indian immigrant
very common” (Jepson)

Capsidae

Cyrtorhinus mundulus very small-2 mm + fuscous & light brown “Feeds on eggs of
Perkinsiella vitiensis on sugar cane probably on all delphacid ova” (Mr.
Pemberton)

Poeciloscytus sp. 3-4 mm mottled fuscous semi transparent (Suva)

————— 4-5 mm olive & red brown semi-transparent (Tamavua)

Megacoelum sp. 5 mm. olive & fuscous brown opaque

Megacoelum modestum Dist. (reddish brown) (Ovalau)

Callieratides sp. cinerous with black spots; wings smoky, transparent with prominent red-brown stigma (Mua, Taveuni)

————— small, 3 mm head & thorax black, wings & abdomen red orange (Suva, at electric light)

————— 4-5 mm fuscous prominent red-brown stigma (Suva, at electric light)

Miris sp

Gallobellicus crassicornis Dist. (very small)

Eucerochoris thitis Kirk. (brown, wasp like, fusc. Wings)

Orthotylus vitiensis Kirk. (small, red & brown)

HOMOPTERA

Cicadidae

Cicada ——— body 2 cm x 1 cm wings 3 ½ cm brown wings with greenish tinge
(Ovalau, Taveuni, Vuva)

Sawda(?) vitiensis Dist. Body 22 mm red brown wings 35 mm cross veins infusate

Cicada kuruduadua Dist. Large; robust brown 3 x 1 ¼ cm wings 4 cm greenish, white pubescence

Diceropyga distans Walker.

Cicada ——— small, slender 18 mm x 5 mm wings 2 cm greenish brown (Ovalau)

Cicada knowlesi (distant) orange brown with black front crossband & marks

Diceropyga distans Walker 20± mm brown (Nama) 20 mm brown, wings smoky 30 mm+

Fulgoridae & Delphacidae

Perkinsiella vitiensis light brown 4 mm (moldy) (Rewa in sugar cane)

Perkinsiella sp.

Resostales hebe (Kirk.)

Pyrroneura sp.

Peregrinus maidis (Ashmead) fuscous 4 mm Associated with ants on corn stalks
(Lautoka)

Armacia sp.

Tetigonidae

Calamister greenwoodi Muir. (small fuscous with light spot)

Vivillea melanerica Kirk. (large, smoky)

Tropiduchidae [Eutropistidae]

Vanua sp. bright green 9-10 mm broad horizontal wings (like a lacewing) on *Erythrina* (Suva)

Vanua vitiensis Kirk. (bright to faded green, 10 + mm)

Derbiidae

Plagiocephalus sp. 4 mm thorax light brown wings white outlined in fusc. (Bua)

Plagiocephalus nesodreptias Kirk. 3 mm thorax whitish cinerous, wings white outlined in light pinkish brown to fuscous (Bua, Reisa R.)

Puralyricon knowlei Muir. 6 mm elongate wings wedge shaped, light red brown

Lyricen imthurmi Kirk. 10 mm wings large brown small fuscous dots body short, robust, very abundant on Bananas at Nasina on coconut leaf, agi dept garden, Suva

Lyricen sp. similar to above but darker & more spotted (Savu Savu)

Pyrrhoneura saccharicida Kirk. (purplish brown)

Pyrrhoneura citharista Kirk. (light purplish brown) (continued page 88)

Ricaniidae (large, transparent wings)

Euricania tristicula St. forewings fuscous with costal white spot hind smoky (Suva, & Levuka) body 3-4 mm fuscous *E. aperiens* Walker)

Plastia marginata Montr. Light brown, mottled fuscous, 5-6 mm wings with costal margin & newes fuscous, former with hyaline spots

Plastia sp. light brown with greenish or dark fuscous veins fuscous or light brown 3-4 mm (Ovalau)

Euricania spiriens Walk. body & wings entirely dark fuscous or reddish latter with white spot on costa, smaller than *E. tristicula*

Pyrrhoneura saccharicida (Kirk.) dark fuscous, 3-4 mm with distal light spot breadfruit & coconut leaves (Lautoka)

Cerocopidae

Nesaphreates simmondsi (Muir) wings fuscous, 2 white marginal areas front of head & scutellum yellow brown 6-7 mm.

Nesaphrestes dreptias (Kirk.) 8-9 mm entirely dark fuscous, front mottled, sub hyaline spot near tip of wing with t-shaped lines

————— 5-6 mm entirely reddish brown (Savu Savu, Buca)

————— 4-5 slender brown & fuscous [head of Buca spec. has bright red front] (Ovalau, Buca B. Taveuni)

————— 3-4 mm light green, unicolor (Ovalau, Taveuni)

————— 5-6 mm entirely fuscous legs lighter front yellow (Savu, Savu)

————— small 2-3 mm subhyaline, head cinerous veins fuscous, oval darker medial, distal area (half on each wing) (from Coleus leaf, Suva)

Cicadula euryphessa very small 1 ½ mm body & basal front wings red (Labasa)

Cicadula vitiensis 2 mm body & basal part of wings light green (Labasa)

Asiracidae

Perkinsiella vitiensis Kirk. (purplish spiral spots) (cane)

Peregrinus maidis Ashm.

Ugyopsis sp.

Psyllidae

Tyora hibisci Frogg. Wings & body (together) 3-4 mm entirely white antennae slender, alternate segment dark fuscous (Suva)

Psylla sp. body red brown wings ovate 2 mm slightly dusky (Buca)

Epipsylla bilineata Laing olive green, 2 ½-3 mm head & thorax with 2 parallel white (Nabavatu, Savu Savu) (Waialailai)

Trioza (Megatrioga) vitiensis Kirk. body 2 mm brown, wings elongate (Taveuni)

————— 2-3 mm yellow green (probably originally green) [looks like a fulgorid]
 (Para grass, Suva)

————— body fuscous, 2 mm wings large ovate (Bua)

Psylla corrupta crawf.

Nesiope ornata Kirk.

Leptynoptera didactyla Laing (on leaves *Calop. inophyllum*)

Arytaina 4-oculata Laing.

Paurocephala psylloptera Crawf.

Psocidae

Liposcelis (?) *diomatorius* Mull. (in brown)

Aphidae

————— fuscous, 2 mm costal margin of forewing fuscated (Suva)

Macrosiplum nigrocinctum Laing.

Aphis gossypii Glover (on *Phaseolus calcaratus* leaves guava, hibiscus, *Rosa sinensis*)

Aleurodidae

Neomaskellia comita Mask.

Bemisia inconspicua bergii Sign. Quant var. on Taro

Tetigoniidae

Nesosteles sanguinesciens Kirk. (Reddish)

Nesosteles glauca Kirk. (Greenish)

Nesosteles hebe Kirk

Nephotettix plebeins Kirk. (robust, light brown)

Cicadula vitiensis Kirk. (greenish, brown line)

Cicadula euryphaessa Kirk. (reddish)

Derbidae

Suva koebelei Kirk. (cinereous & fusc.)

Phaciocephalus pullatus Kirk. (dark brown)

Levii vitiensis Kirk. (pale cinereous brown)

Nesocore fidicina Kirk. (pale cinereous)

Nesocore coccinia muir (Purplish)

Asiracidae

Delphax ochrias Kirk. (light brown, small)

Delphax euponipe Kirk. (dark brown, small)

Delphax dryope Kirk.

Delphax kolophon Kirk.

Dicranotropis koebelii Kirk. (dark fusc, pattern)

Kelisia paludium Kirk.

Coccidae

Aspidiotus dictyaspermi Morg. Small reddish brown scale on coconut leaf (Koro)

Aspidiotus simmori (author?) small gray brown scale on coconut stems (first called *A. cocotis* Neust) (Macuata)

Aspidiotus palmae Ckll. Small black & brown scale in leaves of coconut (Suva)

Pinnaspis brexi bondi very small reddish brown scale on coconut leaves

————— small, light gray scale on coconut leaves (Suva, Fiji)

Hemichionaspis minor Mask small white scale on coconut leaf also on cotton stems
(Suva)

Diaspis pentagona T.T. fine white scale on mulberry twigs (Suva) & (Taveuni)

———— reddish brown mod size hemispherical, hardshell scale (Suva-“on yellow
leafed plant”)

———— cottony cushion scale on “fiddlewood” (Taveuni)

Pseudococcus ——— ovate, yellowish scale in banana leaf

Ceroplastes rubeus Mask. ovate 2 x 3 mm reddish brown with 4 white “scales” on lobes
(on *Barringtonia*) (Labasa)

Icerya purchasi Mask. (*Casuarina equisetifolia*) (Cosmopolitan on guava) (Ivi) & (*Cassia
fistula* twigs)

Icerya seychellarum Westw. Large fluted white scale tinged with yellow mealybug on
orange (Suva)

Saissetia hemispherica T.T. nearly hemispherical 2 ½ mm red brown on gardenia
vitiensis (Suva)

Coccus hesperidum L. Ovate flattish olive scale, on lemon (Suva)

Diaspis pentagona T.T. white, small, irregular oval scale on hibiscus stems (Suva)

Pseudococcus bromeliae border sig. on pineapple

Pseudococcus virgatus Ckll.

Lepidosaphes bickii Newm. Very fine white flat scale on orange (Suva)

Saissetia nigra (Nietu) scale on cotton (on Guava) *Hibiscus* (*Pandanus odoratissima*)
(*Panicum distachyum*)

Dinaspis veitchi Laing n. sp. (“very near *D. permutans* green from Ceylon but with more
prominent median lobes & larger dorsal pores”)

Pseudococcus sacchari (Ckll.) var.

Pseudococcus vitiensis Green & Laing. (on coconut leaf) (not *P. cocotis* Mask. As
sometimes det.)

Lecanium elongatum Sign (= *Lingulum* Dougl.) (underside leaves *Alerutes tuloba*)

Lecanium hemisphaerium T.T. (Garden shrub)

Lecanium viride Green (guava) (*Dodonaea viscosa*)

Pseudococcus utri (Risso) (*Clerodendron fallax*) (?Ivi) (Acacia)

Palaeococcus rosae Rel & How. (Rose)

Hemichinaspis minor (Mask.) (On Ivy) (*Dodonaea viscosa*)

(?) *Vinsonia stillifera* Westw. (Mango)

Aspidiotus transparens Green (Papaya leaves) (*destruct* Sig. var) (*Anona reticulata*)

Aspidiotus destructor Sig. (Papaya leaves)

Pseudococcus longispinosus T.T.

Chrysomphalus dictyospermi (Mag) (*Alpinia mutans* leaves)

ORTHOPTERA**Blattidae** (Roaches)

Periplaneta Americana Fabr. (Suva)

Periplaneta australasiae Fabr. (Suva)

————— wingless black sticker

Leucophaea surinamensis L.

Phyllodromia notulata Stål (= *Ph. Hieroglyphica* Bain)

Phasmidae (walking sticks) (about 7 spp)

Catyllosoma dipneusticum Wood-Mason

Lophophus cocophaga?

Graeffea coccophaga Neup.

Phyllum sp. leaf insects, much resembling guava leaf

Mantidae**Acrididae** (short antennae)

————— robust, 5 1/2-4 cm green & brown (Suva)

Cyrtacanthaeris guttulosa Walker. (large, robust, brown, with central light stripe)

Alolopus tamulus Fabr. (smaller, brown)

Locusta danica L. (moderate size)

Paratettix pullus Bol.

(Tettigoniidae)

Diaphlebus bivittatus Redt.

Locustidae (long antennae)

Conocephalus ? ——— green, cone-nose 4 Am. I. slender (Suva)

————— red-brown katydid 3-3 ½ cm.

————— cinerous-green doratum fuscous fore legs & all tarsi spring 2 ¾-3 cm.
(Taveuni)

Cyrtoxipha sp. short slender, long legged, fuscous with lighter markings hind tarsi with
double row of spines (Ovalau)

Anisoptera affinis Redt. (like *Conocephalus salta*)

Xiphidion affine Redt.

Hexacentrus australis Redt. (heavy set spring legged)

Anisoptera sp.

Conocephaloides extensor Walk. (large katydid) (= *C. Australis* bol.)

Gryllaeris fenugnea Brunner (cricket-like, brown)

DERMAPTERA**Forficulidae** (earwigs)

Chelisochis moria Fabr. (common black with yellow antennae segment)

NEUROPTERA**Planipennia**

Micronus sp.

Myrmeleonidae

Distoleon bistregatus ramb. (dark brown, wings smoky with fuscous streak in h.w. near tip (= *Formicaleo striata* Walk.)

Formicalem safer Walk (ant hist without fuscous markings on wings)

Formicaleo striata Walker)

Chrysopidae

Chrysopa sanavitoresi nav. (green lacewing)

Phryganeidae

Notanatotica magna walk. (large, gray brown)

ODONATA**Agrionidae**

Pseudagrion australasiae Selys.

Ischnura aurora Brauer

Anax guttatus (robust brown) (robust brown) yellowish wing

Gynacantha rosenberghi Selys

Agriocnemis exsudans Selys (New Caledonia & New Hebrides)

Nesobasis flavilabris Selys.

Aeschnidae

Anaciaeschna jaspidea Burm. (Java, Sumatra, Lambok, Borneo, Formosa, Tahiti)

Libellulidae

Rhyothemis regia chalcoptilon Brauer

Rhyothemis phyllis dispar Brauer

Pantala flavescens f. (brown h.w. yellow base & tip) (cosmopol but not in Europe)

Trimea limbata Desj. ssp *transmarina* Br. (brown at base of h.w.)

Tramea lowii Brauer (brown h.w. brown at base stigma pale)

Rhyothemis phyllis dispar Brauer (wings fusc spotted)

Diplacodes bipunctata Brauer (small red)

Diplacodes trivialis Ramb. (Blue & yellow brown)

Ischneura aurora br. (very small orange & fusc. Abdomen)

Nesobasis sp. (small darning needle)

Nesobasis flavilabris selys. (moderate size needle)

Agicocnemis ersudaris Selys. (small slender)

LOWER ORDERS
ISOPTERA

THYSANOPTERA

TRICHOPTERA

Leptoceridae

Notanatalica magna Walker

ARACHNIDA

Salticidae

Ascyltus pterygodes L. Koch. (preying on *Levuana*)

Argiopidae

Ordgarius monstrosus Keyserl.

Ixodidae

Rhipicephalus sanguineus Latr.

ACARINA

Cheyletidae

Cheylatus sp. (in bean)

Tetranychidae

Tetranychus sp. (On *Aralia*, Samoan sunflower, leaves of *Phiseobus calcara*)

Tyroglyphidae

Tyroglyphus sp. (from fruits, weeping fig; on Dryinid larva ex *Perkinsiella vitiensis* on cane leaf)

Tyroglyphus sp. (with leaf miners on cane leaf)

Araneidae

Cyrtophora molucensis Dol. (throughout Oriental region)

SCORPIONES

Hormurus australasiae Fabr.

Isometrus maculatus De G.

NEMATODA

Mermitidae

Merinis sp. (from sugar-cane hopper)

INJURIOUS & BENEFICIAL INSECTS ASSOCIATED WITH COCONUTS**LEPIDOPTERA**

Levuana iridescens (Beth Baker) Larvae destroy leaves.

Brachartona catoxantha subject to Tachinid parasite

Agonoxena argaula Meyr. (Lavernidae)

Triathoba trichogramma Larvae destroy young flowers

Simplicia caenusalis Walk. Bred from rubbish at base leaves

Acritocera negligens larvae damage flowers

COLEOPTERA

Promecatheca reichei larvae destroy leaves

Calandra taitensis (Guer) Weevil

DIPTERA

Tachinid parasite on moths

Scholastes bimaculatus Hendl. Fly maggots in ripe nuts

NEUROPTERA

Lace wing larvae which eat scale

INSECTS ASSOCIATED WITH COTTON IN FIJI

LEPIDOPTERA

Earias fabia Larvae bore into buds & balls compt destroy

Gelechia gossypiella Larvae bore into buds & balls destroy

Anomis flava larvae probably leaf feeder or rubbish feed

Decadarchis heterogramma Meyr. (Lyonetiidae)

Pyroderces euryspora Meyr. ripe cotton balls (lavernid)

Labdia allotriopa Meyr. (Cosmopterygidae) probably rubbish

Labdia epizona Meyr. (Cosmopterygidae) probably rubbish

Labdia calida Meyr. (Cosmopterygidae) probably rubbish

Stathmopoda synchronisa Meyr. (Heliodinidae) probably rubbish

Hieroxestis aurisquamosa (Tineidae) probably rubbish

COLEOPTERA

Anthribidae

Araecerus fasciculatus probably rubbish

Scolytidae

Hypothenemus gossypii saup probably rubbish

HEMIPTERA

Tectocoris lineola bush bug sucks juices & introduces disease

Dysdercus insularis cotton stainer damages lint & introduces disease

Hemichionaspis minor Mask. Scale on cotton stems

Saissetia nigra

HYMENOPTERA

Unnamed parasites

ADDENDA (OVERFLOW)**LEPIDOPTERA****Noctuidae**

Remigra frugalis Fabr. (large-brown & cinereous)

Mocis trifincata Steph. (large brown f.w. dark on pattern)

Anticarsia irrorata Fabr. (moderate brown light dark)

Anticarsia bolinoides Guen. (moderate brown light dark)

Phytometra chalcites Esp. (moderate brown f.w. 2 silver spots)

Calogramma festiva Dall. (cream, red-brown f.w. reticulate)

Parallelia aretataenia Guen. (brown, white cross band)

Simplicia robustalis Gn. (small, light cinereous brown)

Chalciope cephise Cram. (large brown f.w. with dark contain light brown)

Euclidisema alcyona Druce (small brown dark brown)

Achaea janata L. (moderate brown h.w. brown white spots)

Achaea serva (cane leaf minor Africa Asia Australia)

Achaea abrua Fab. (large cane leaf minor Africa Asia Australia)

Catephia sericea Butl. (moderate brown h.w. white spots)

Cirphis lorezi Dup. (f.w. brown h.w. cinereous brown veins) (Army worm of old world tropics)

Cirphis unipuncta Haw. (moderate cinereous) (army worm of U.S.A.)

Spodaptera mauritia Boisd. (mot. Br. f.w. cinereous h.w.)

Prodenia litura Fab. (pest on cotton tobacco in old world tropics)

Felinia filipalpis Walk. (fusc. Brown)

Lacera alope Stoll. (large fusc brown)
Eriopus maillardi Guen (moderate brown white lines)
Laphygma exigna Hubn. (moderate brown white lines)
Hydrillodes metisalis Walk. (moderate brown lighter cross band)
Perigea capensis Guen. (light brown single white spot)
Perigea praesepta War. (dark brown single white spot)
Polydesma umbricola Boisd. (moderate large mottled)
Dichromia quinqualis Walk. (crom h.w. pt yellow)
Anonus flava Fab. (orange brown)
Anonus vitiensis Butl. (brown) (in leaves triumphetta rhombodea)
Anonus involuta Walk. (fusc brown)
Hyblaea sanguinea Gaede (fusc with white f.w. spot & red spots)
Hyblaea puera Cram. (fusc with white f.w. spots & red spots)
Eustrotia vitremae Snel. (small white 2 gold cross bands)
Earias fabia Stall. (green stripes f.w.)
Earias huegeli Rogenb. (small stripe f.w.)
Sarothripus exophila Meyr. (purple gray & brown)
Eublemma anachoresis Wllg. (cream, brown special f.w.)
Araeoptera grisenta Hamps. (small purple gray)
Oruza cariosa Lucas (white & pale cinerous pale brown)
Amyna natalis Wlk. (purplish brown)
Heliothis assulta Guen (cinereous black ratii)
Chasmina tibialis Fabr. (pure white, moderately large)

Othreis fullarica Linn. (large, mot f.w. black & orange)

Coccytodes caerulea Guen. (large fusc brown f.w. brown light black)

Anua coronata Fabr. (large brown)

Ericera leichardti Koch (moderately brown)

Ericera rhanteria Back (moderately brown)

Ericera inangulata Guen. (moderately brown)

Phlegetonia delatrix (small brown)

Eublemma anachoresis Walleng.

Pyralidae

Hyphantidium albicostali Walk. (small brown)

Sylepta sabinusalis Wlk. (moderately small brown)

Sylepta derogate Fabr. (moderately yellow brown lines)

Syngamia floridalis Zell. (small orange & brown)

Oligostigma villidalis Wlk.

Ephestia elutella Hb. (?)

Bradina rectiferali Walk. Fiji New Hebrides (white, brown f. wing & 2 cross lines)

Bradina parallela Meyr. (yellow brown wavy brown lines)

Bradina sp. (all brown, tip abdomen white)

Meruca testulalis Hb.

Margaronia oceanitis Meyr. (pale yellow, brown & white f. marg.)

Tapentis nivella Fabr. (pure white)

Piletocera dactyloptila Meyr. (orange brown, fusc. Border & marks)

Piletocera signiferalis walkr. (purplish brown)

Terastia meticulosalis gn. (moderately large brown & cream)

Nacoleia diemenatis guen. (small, orange yellow & brown)

Pycnarmon cribratus Fabr. (white with a few brown spots)

Hyparzyia metalliferella Rag. (small, purplish brown)

Cataclysta blandialis Walker

Diptychophora sp.

Botyodes asialis gn.

Agathodes sp.

Meroctena staintoni led.

Etiella sp. (ex *crotolaria striata* pods)

Sylepta derogata Fabr. (cotton pest)

Hellula undulus Fabr. (on leaves of *Gynandropsis pentophylla* DC)

Pterophoridae

Marasmarcha liophanes Meyr. (micro)

Marasmarcha pumilis Zell. (Micro)

Orneodes pygmaea Meyr. (Micro) (ex *Vitex trifolia*)

Sphenarches caffor Zell. (feeding on *Canevolia* flowers)

Alucita endogramma Meyr. n. sp.

MICROLEPIDOPTERA

Gelechiidae

Atastholistis hieropla Meyr. (f.w. fusc. With yellow marg. H.w. orange)

Stoerberhinus testacea Butl. (= ? *S. domias* Meyr.)

Sitotroga cereolilla Ol. (ex infested maize material)

Dichomeris transecta Meyr. (found on leaves *Pongamia glabra*)

Rhadinophylla siderosema Turner

Autosticha demias Meyr.

Brachycma epiochra Meyr. (ex ripe cow pea pods) (*Chololania striatus*)

Nesolachia horogramma Meyr. n. sp. & N. sp.

Chelaria brachyrrhiza Meyr. sp. n.

Cryptosticha caerulea Meyr.

Sparganothidae

Acroclita physaloxes Meyr. (bred from flower bud of *Barringtonia*)

Hyponomeutidae

Cyathaula maculata Meyr.

Prays citri Mill

Phyllorycteridae

Cyphosticha caerulea Meyr.

Acrocercops macrochina Meyr.

Acrocercops habroscia Meyr. n. sp.

Acrocercops sarcogossa Meyr.

Acrocercops patellata Meyr. n. sp.

Liocrobyla paraschista Meyr. (feeding on leaves *Cassalopina bonducella* Fl.)

Phrixosceles fibulatrix Meyr. n. sp.

Galleriidae

Corcyra cephalonica Stn. (from infested maize material)

Eucosmidae (also page 68)

Eucosma defensa Meyr. n. sp. (feed on leaves *Pongamia glabra* v.)

Eucosma eumarodes Meyr. n. sp. (feed on leaves *Dalbergia monospema*)

Argyroploce aprobola Meyr. (young leaves *margifera indica*)

Argyroploce lasiandra Meyr. (seedling hypocotyl of *Bruguiera rheedii*)

Bactra phaeopis Meyr.

Coleophoridae

Coleophora immortalis Meyr.

Glyphipterygidae

Simaethis chalcotoxa Meyr.

Glyphipteryx stilata Meyr.

Glyphipteryx argycomis Meyr.

Brenthia melodica Meyr. sp. n.

Lavernidae

Labdia saponacea Meyr. sp. n.

Trissodoris honoriella Wals.

Persicoptila phoenoxantha Meyr. n. sp.

Persicoptila centrophanes Meyr.

Agonxena argaula Meyr.

Hyblaeidae

Hyblaea sanguinea Gaede

Oecophoridae

Pachnistis (Autosticha) solita Meyr.

Peritoneuta gemmaea Meyr. (n. sp.) (larvae short broad red & yellow)

Lithosiidae

Oeonistis entella Cram.

Thyrididae

Striglina (?) superior Butl. (ex *Inocarpus echulus* leaves)

Elachistidae

Echinoscelis hemithia Meyr.

Ascalenia thoracista Meyr.

Epermeniidae

Epermania symmonias Meyr.

Elachidtidae

Ascalenia armigena Meyr. n. sp.