

TRIP TO SHARP BUSH TRACK, WAITAKERE RANGES

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Compiled by O. W. Green, Auckland Branch

The field trip to Sharp Bush Track with the Entomological Society, Auckland branch was interesting and very successful for everyone.

The following list is of adult Neuroptera and aquatic insect species collected and determined by K. A. J. Wise:

Neuroptera (Lacewings)

Hemorobiidae

Drepanacra binocula (Newman, 1838)

Trichoptera (Caddis flies)

Hydropsychidae

Aoteapsyche colonica (McLachlin, 1871)

Philopotamidae

Dolophilodes (Hydrobiosella) mixta Cowley, 1976

Psychomyiidae

Zelandoptila moselyi Tillyard, 1924

Ephemoptera (Mayflies)

Leptophlebiidae

Zephlebia sp

Acari (mites) from Sharp bush Track, all beaten from foliage and determined by G. W. Ramsay:

Prostigmata

Bdellidae

Bdellodes (Hoploscirus) intricata Atyeo

Mesostigmata

Ologamasidae

Gamasiphoides sp

Cryptostigmata

Crotoniidae

Crotonia unguifera (Micheal)

Lioididae

Liodes nigricans Hammer

Plateremaeidae

Pedrocortessella sp Hammer 1966

P. nigroclava Hammer

Metrioppiidae

Pseudoceratoppia setosa Hammer

P. microsetasa Hammer

Ceratozetidae

Ramsayellus grandis Hammer

Achipteriidae

Parahypozetes grandis Hammer

Galumnidae

Galumna microfissum Hammer

The following coleoptera were collected by O. R. Green, all beaten from foliage and determined by J.C. Watt:

Scirtidae (Marsh beetles)

Atopida sp

Elateridae (Click beetles) col. M. S. Buchanan

Onchosternus zealandicus (White)

- Scaptiidae (Soft leaping beetles)  
     Nothotelus nigellus (Broun, 1880)  
 Cerambycidae (Longhorn beetles) det: G.Kuschel  
     Stenelipsis fragilis (Bates)  
     S. latipennis Bates  
     Stenelipsis sp. undescribed  
     Mieiolama pygmaea Bates, from Nestigis montana (Mairie) leaves.  
 Chrysomelidae (Leaf beetles)  
     Eucolapsis brunneus (F.) (Bronze beetle)  
     Pleuraltica cyanea (Broun) (Karamu leaf beetle) from Coprosma  
     berries.  
 Anthribidae (Fungus weevils) det: E.A.Holloway  
     Anthribus pupureus from low foliage; a flightless species  
     occurring in Auckland, Northland and Three Kings Islands.  
 Curculionidae (True weevils) det: G.Kuschel and B. M. May, notes  
     by B.M. May.  
 Subfamily Eugnominae:  
     Scolopterus aequus Broun can always be found on blossoms  
     where they feed on pollen during summer and autumn. The  
     larvae develop in dead stems of tree fern fronds.  
     Stephanorhynchus curvipes White was beaten from flowers of  
     Olearia furfuracea. The larvae live in dead bark of Pseudo-  
     panax (five-finger and lancewood).  
     Hoplocneme punctatissima Pascoe was beaten from flowers  
     of O.furfuracea. The larvae tunnel under bark of dead  
     branchlets.  
     Tysius bicornis F. This weevil is extremely common on all  
     kinds of flowers. The larvae has not yet been found, It  
     may feed in dead wood.  
 Curculioninae (The flower weevils)  
     Phorostichus linearis Broun. The adult can be beaten from  
     various types of foliage, but rarely off its host plants  
     Astelia spp. However, this did happen in Sharp Bush. It  
     was beaten from Kauri grass, Astelia trinervia which was  
     common in the understory. The larvae make linear mines  
     showing as long brown streaks in the leaves.  
     Praolepra infusca Broun. The four species of Praolepra  
     are found on Coprosma. The larvae develop in the fruits,  
     inside the bony seed cases.  
     Peristoreus cruciger Broun. lives exclusively on Nestigis  
     where both adults and larvae feed on the leaves. The larvae  
     are leafminers.  
     Catoptes binodosa (field ID) is common on all sorts of  
     forest foliage.

The following field identifications were made by various experts on the spot:

- Orthoptera: Stenopelmatidae, Hemideina thoracica (Auckland weta)  
     Rhopidophoridae, Paraneotus sp (a cave weta)  
     Tettigoniidae, Caedicia simplex (Katydid)  
     Acrididae, Phaulacridium marginale (N.Z.Grasshopper)  
 Phasmadodea: Phasmidae, Clitarchus hookeri (Smooth stick insect)  
 Hemiptera: Nabidae, Nabis capsiformis (pale damsel bug) Tropico-  
     nabis nigroliniatus.  
 Heteroptera: Tingidae, Tanybyrsa cumberi ( a lace bug) on Astelia  
     trinervia  
 Hymenoptera: Apidae, Apis mellifera (honey bee) nest in a  
     Kauri tree.  
     Vespidae, Vespula germanica (German wasp) on our  
     lunches

37 species of Lepidoptera from Sharp Bush track, were determined by J.S. Dugdale, mostly beaten from foliage and nearly all identified in the field:

- Micropterigidae (1)  
Sabatinca zonodoxa
- Psychidae (1)  
Liothula omnivora (bag moth)
- Tineidae (1)  
Erechthias n sp.
- Gracillariidae (1)  
Macarostola miniella both forms
- Tortricidae (7)  
Capua semifera forest form  
"Cnephasia" jactatana (Lyre moth)  
Ctenopseustis fraterna  
C. obliquana male reared  
(Brown headed leafroller)  
Ecclitica torogramma  
Planotortrix orthocopa  
Strepsicrates zopherana
- Glyphipteriidae (1)  
Glyphipterix calliactis
- Oecophoridae (9)  
Compsistis bifaciella Walker  
(Flat oecophorid ?)  
Gymnobathra flavidella  
Izatha peroneonella  
Leptocroca sp  
Tingena yellow sp (armigerella grp)  
Tingena ombrodella grp  
Tingena speckled grp  
Trachypepla anastrella (?)
- Stathmopodidae (1)  
Stathmopoda n sp. skelloni
- Pyralidae (3)  
Clepsicoma iridia  
Oracrambus flexuocellus  
(Grass moth)  
Pareromene sp (yellow)
- Pterophoridae (2)  
Aciptilia monospilalis  
Stenoptilia canalis
- Nymphalidae (1)  
Dodonidia helmsi  
(Forest ringlet)  
(2nd instar larvae)
- Lycaenidae (1)  
Zizina otis labradus  
(common blue)
- Geometridae (6)  
Chlorolystis filata  
Declana floccosa  
(Forest semi-looper)  
Poecilasthena pulchraria  
P. subochraria  
Pseudocoremia aristarcha  
P. suavis (common  
forest looper) on tree  
trunks,
- Noctuidae (2)  
Graphania plena in a  
hollow trunk  
Homohadena fortis

This list only included the species we could name, which really makes us realize how many insects and other arthropods are present in the forest. Not quite so spectacular was the list of birds which various people claimed to have recognised during the day:

Aves:

Native pigeon, tui, fantail and grey warbler nest with four eggs in cuttygrass in the swamp.

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