

Sandersons, stored on the back porch before use. Thus this tree-living species does occur naturally at least in the wide basin area centred on the Hokianga Hbr. on the western side of North Auckland.

References

Wise, K.A.J. 1969: Three new insect records for the Auckland area, New Zealand. *Rec. Auckland Inst. Mus.* 6 (4-6) : 423-426.



Sketch of Herekino male *Hemiandrus monstrosus*
by Roger Gale, 18 Oct. 1982

LIST OF INSECTS REARED AND THEIR HOSTS, FROM HAWKES BAY, N.Z.

T.H. Davies
84 Beach Road, Haumoana, N.Z.

LEPIDOPTERA

Psychidae

Liothula omnivora Fereday, 1878: From many different species of plants; larvae will transfer readily to macrocarpa.

Tineidae

Erechthias fulguritella (Walker, 1863): From gall of lacebark.

Erechthias stilbella (Doubleday, 1843): From gall of wattle.

Tinea pellionella (Linnaeus, 1758): From larvae taken on carpet in Hastings.

Trichophaga tapetzella (Linnaeus, 1758): From fur coat at Te Awanga.

Gracillariidae

Phyllonorycter mesaniella (Zeller, 1846): From oak leaves.

Acrocercops alysidota (Meyrick, 1880): From rust gall of wattle.

Sesiidae

Synanthedon tipuliformis (Clerck, 1759): Pupae from redcurrant.

Oecophoridae

Barea confusella (Walker, 1864): From rust galls of wattle.

Phaeosaces compsotya Meyrick, 1885: From thin-shelled almond, pupated 2 Sept. 88, emerged 14 Oct. 88.

Hofmannophila pseudospretella (Stainton, 1849): Larvae attacked and ate pupa of *Sarisa muriferata* (Walker, 1863) being reared in cage.

Izatha hudsoni Dugdale, 1988: From dead twigs of wineberry.

Izatha metadelta Meyrick, 1905: From dead twigs of wineberry

Gelechiidae

Anisoplaca achyrota (Meyrick, 1885): From seedpods of Norfolk Island hibiscus.

Carposinidae

Heterocrossa rubophaga Dugdale, 1988: From raspberry.

Pyalidae - Pyralinae

Gauna aegusalis (Walker, 1859): From rust gall of wattle.

Pyalidae - Pyraustinae

Sceliodes cordalis (Doubleday, 1843): From pepino fruit.

Uresiphita polygonalis maoralis (Felder & Rogenhofer, 1875): From lupin.

Pyalidae - Phycitinae

Ephestia kuehniella Zeller, 1879: From walnuts purchased at school gala; of 478 nuts, 293 were infested.

Plodia interpunctella (Hubner, 1810): One adult emerged from walnut.

Pterophoridae

Pterophorus monospilalis (Walker, 1864): From young new tips of five-finger tree.

Tortricidae

Ctenopseustis obliquana (Walker, 1863): From raspberry, 1988; and from apricot, 1988.

Dipterina imbriferana Meyrick, 1881: From a dead wineberry twig.

Planotortrix excessana (Walker, 1863): From raspberry in 1979 and 1980.

Pieridae

Pieris rapae (Linnaeus, 1758): Appears to be attacking plants other than cabbage.

Geometridae

Declana atronivea (Walker, 1865): From five-finger tree.

Epiphryne undosata (Felder & Rogenhofer, 1875): From thousand jacket, *Hoheria populnea*; also from cabbage tree.

Noctuidae - Agaristinae

Phalaenodes glycinae Lewin, 1805: From larvae on grapevine in Napier and Haumoana.

Noctuidae - Plusiinae

Chrysodeixis eriosoma (Doubleday, 1843): Will feed on any plant as larvae, attacks house plants if female comes inside through open windows.

Noctuidae - Hadeninae

Graphania ustistriga (Walker, 1857): Two adults from cyclamen plant.

COLEOPTERA

Cerambycidae

Prionoplus reticularis White, 1843: Adults from dead pine tree.

Oemona hirta (Fabricius, 1775): From lemon and lime trees.

Undetermined species: From specimen feeding in kiwi fruit vine, living in centre of the branch.

Xylotoles laetus (White, 1846): First appeared from five-finger tree in garden; the tree was eventually killed by the larvae. Next appeared in almond nuts growing close to the dead five-finger. Larvae lived between soft outer and inner hard shell and did not affect the kernel. In the soft-shell variety of almond the larvae fed on the kernel. Adults reared from both types of almonds.

Arhopalus ferus (Mulsant, 1863): From pine firewood.

Elateridae

Thoramus wakefieldi Sharp, 1877: Pupa found in decayed pine tree stump.

Anobiidae

Undetermined species: Fed on tree bracket fungus.

Scolytidae

Hylurgus ligniperda (Fabricius, 1787): Large number from bark of pine firewood.

Histeridae: Two species infest all kinds of fruit including almonds.

DIPTERA

Syrphidae

Merodon equestris (Fabricius, 1794): From daffodil bulbs.

Muscidae

Fannia canicularis (Linnaeus, 1758): From dead cat.

Cecidomyiidae

Undetermined species (2): From rust galls of wattle.

Mycetophilidae

Undetermined species: Emerged from well decayed pine tree.

Sciaridae

Sciara agraria Felt, 1897: From green ginger.

Tipulidae

Undetermined species: From decayed pine tree.

HYMENOPTERA

Alysia manducator Panzer: Emerged from pupae of *Fannia canicularis* (Linnaeus, 1758).

Undetermined species: Parasitic wasp in cage with species of Anobiidae; these were the only two insects in the cage, wasp possible parasite of the beetle.

REFERENCE

DUGDALE, J.S. 1988. Lepidoptera - annotated catalogue, and keys to family-group taxa. *Fauna of New Zealand* No. 14.

DEGREE RESEARCH PROJECTS ON ENTOMOLOGICAL TOPICS AT NZ UNIVERSITIES: 1989

List compiled by George Gibbs

UNIVERSITY OF AUCKLAND:

Zoology Department

<u>Ph.D.</u>	Craig Millar	An experimental investigation of Melanism.
	Michael Morris	Photoperiodic control of seasonal behaviour of the leafroller moth <i>Planotortrix excessana</i> (Walker).
	Chris White	A genetic analysis of two species of leafroller moths.