

Invertebrates found in the Coleridge Catchment area



Final report to the Coleridge Habitat Trust

2021

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Executive Summary

Introduction

The Canterbury knobbed weevil (*Hadramphus tuberculatus*) is possibly the most threatened insect in New Zealand. Known from only a single site in Burkes Pass, the weevil is vulnerable and discovering another population would add genetic diversity and security against threats such as predators, fire, habitat loss and climate change.

Methods

Pitfall traps and visual searches were used to survey three properties that contained golden Spaniard /speargrass (*Aciphylla aurea*), the known host plant of the threatened weevil. Peak Hill and Mt Algidus Stations allowed access to survey, and a third, Mt Oakden did not give permission, however data from a previous survey undertaken there a decade earlier was used for this report. About 30 pitfall traps were left set for over four weeks from December 2020 to January 2021 before collection. Historic collection records from Lincoln University Research Museum and Canterbury Museum were also obtained as a comparison to my survey results.

Results

No *Hadramphus tuberculatus* were found however, two to three new species of ground beetles (including a *Mecodema* species, *Cerabilia* species and a *Trichopsida* species) and possibly two to four weevils are of significant interest and require further specialist taxonomic or molecular determination. An unidentified ground weta (*Hemiandrus* species) also requires DNA analysis. Two species *Maamiga marrisi* a small wasp and the long-nosed kauri weevil (*Mitrastethus baridioides*) were both unusual finds for the region.

Discussion

Although no Canterbury knobbed weevil were found during the survey, there were several sites with plant damage which is consistent with damage by this weevil. One issue was the poor flowering season which does reduce the chance of seeing the weevil feeding on the *Aciphylla* pollen. The diversity of invertebrates found near the *Aciphylla* during this study and other previous surveys highlights how important this plant community is for the conservation of invertebrates and other biodiversity utilising this habitat. There are many threats to *Aciphylla* and its community including pest herbivores, invasive plants e.g. wilding trees, land clearance, etc. We need conserve this endemic plant and the endemic species living on and around it.

Recommendations

1. Protection of roadside populations of *Aciphylla aurea* e.g. along Mt Algidus Rd. where trees are threatening to shade them out.
2. Removal of several specimens of exotic broom (*Cytisus scoparius*), *Pinus radiata* and another wilding trees (possibly Larch) from Peak Hill.
3. My survey only touched the surface in a vast area of potential Canterbury Knobbed Weevil habitat. Further surveys should be encouraged given the lack of collecting undertaken in the Lake Coleridge area.

Introduction

The Canterbury knobbed weevil is an endangered beetle species that once had a huge distribution in Canterbury (and possibly further afield) but currently only known in a single population at Burkes Pass Reserve and adjacent farmland across the road. This weevil lives on *Aciphylla aurea* (Golden Spaniard/speargrass) and possibly on other *Aciphylla* species such as *A. subflabellata*. A pinned museum specimen has been collected from the area including Mt Oakden Station. Finding another population of the weevil would be the greatest step to help save this species from extinction. The species only known population at Burkes Pass is vulnerable to fire, weeds, climate change, herbivores and predators; so rather than having 'all the eggs in one basket' a second population would be some insurance to retain this species. It makes sense to survey around areas where the species were collected from in relatively recent times as these sites may still have residual populations protected by isolation from detrimental factors. The Mt Oakden specimen was thought to be collected around the station homestead possibly in March 1873, but historic insect labels were not full of details in those days.



Canterbury knobbed weevil (*Hadramphus tuberculatus*). Image: Mike Bowie

Aims

1. To find another population of this weevil species that would aid in its conservation.
2. See what other insect species of interest are present

Methods

Five properties were identified by the Coleridge Habitat Trust for assessment: Algidus Station, Peak Hill Station, Mt Oakden Station, Lake Coleridge Station and Glenthorne Station. Of these only the first two stations were prepared for me to undertake my insect survey. After talking to the owner of Peak Hill Station it was decided that the DOC part of Peak Hill would be a better place to survey. Although no access was given to survey Mt Oakden survey on this occasion, a historic survey was undertaken (with permission) in 2009-2010 summer (Pitfall trapping from 25 November to 13 January). I used these results in this report to supplement the other two sites.

Records from Canterbury Museum and the Lincoln University Research Museum were also searched to see what other species have been collected there.



Pitfall trap setup as used for this study (left) & map of the three sites surveyed (right)

Results

A low incidence of *Aciphylla* flowering was noted this season (2020-2021) - this is important as the Canterbury Knobbled Weevil feeds on pollen, probably for its reproduction, and this is the best time to observe them and how the Canterbury Knobbled Weevil was rediscovered after 70 years. None of this species were observed or captured in the pitfall traps although many other species of insects were. Most notable were a new species of *Mecodema* (a large ground beetle) and a possible new species of ground weta (*Hemiandrus*) found at Peak Hill. The unidentified *Mecodema* species has been sent for molecular analysis to determine its relationship with other close species. Four other species of ground beetles from Mt Algidus were unable to be identified and some of these could well be new species to science. Two other ground beetles (*Cerabilia* nr. *striatula* & *Trichopsida* nr. *debilis*) may well be new species also. Several weevil species require further work to identify the species. A giant Collembola (springtail) was also found on Mt Algidus Station which may well be a new species also. A very interesting find on My Oakden was tiny wasp called *Maamiga marrisi* which was thought to be a coastal species, given this is where this species has been found previously. Similarly, the long-nosed kauri weevil (*Mitrastethus baridioides*) was found. So, this specimen is very important in terms of adding to its known distribution.



Large ground beetle (*Mecodema* new species) collected from Peak Hill (scale bar = 1mm)



Small wasp (*Maaminga marrisi*) collected from Mt Oakden (scale bar = 1mm)



Giant springtail species (*Holacanthella* species) like in this photograph were collected from a Mt Algidus pitfall trap

Discussion

Aciphylla plants are alive with invertebrate activity especially around flowering. The tall, creamy-yellow flowers are like beacons to pollen-feeding insects (including the Canterbury Knobbled Weevil).



Photo of *Aciphylla aurea* flower showing many insects feeding on pollen

Poor flowering this last season reduces the chances to see the weevil as they are usually observed on flowering plants. It should be said that absence of evidence is not evidence of absence (of the Canterbury Knobbled Weevil). These are hard to find in its only known location and pitfall traps

Predacious spiders including flower (*Diaea* species) and long-jawed spiders (*Tetragnatha* species) were very common on *Aciphylla* and around flowering have a feeding frenzy when flower visiting insects are present.

The prickly nature of the *Aciphylla* plant offers protection against herbivores and predators respectively. Numerous native plant species live around and amongst the *Aciphylla* plant patches and gain some protection from introduced herbivores such as hares, deer, possums, etc. Likewise, invertebrates (especially beetles) have a behavioural tendency to drop into the spiny interior of *Aciphylla* plants when disturbed. Lizards also are often seen on or within *Aciphylla* plants gaining protection from predators. Pigs however are particularly troublesome as they dig under the plants and can destroy large patches of *Aciphylla*. This type of pig damage was observed at Mt Oakden back in 2009-2010 and has been observed in the Hunter Hills, South Canterbury also.

Canterbury knobbed weevil aside, some extremely interesting species of ground beetles were found which need further work to identify them. A lack of experts on these groups is making these species difficult to determine.



Sun orchid (*Thelymitra* species) (left) and *Celmisia*, *Gaultheria* and fern (right) nestling amongst *Aciphylla* plants

Recommendations

Aciphylla communities, rather than specific individual species (e.g. Canterbury knobbed weevil) should be protected where possible. A large diversity of plant and invertebrate species are found within these communities. Roadside patches were observed during this survey on Algidus Rd between Peak Hill and the turnoff at Homestead Rd (-43.351173, 171.539783 and -43.376887, 171.585595). There are trees at one site that will shade the *Aciphylla* and will eventually kill more plants there. Sites such as these should be protected, after all, the Canterbury knobbed weevil in the Burkes Pass Scenic Reserve are found on the roadside metres from the Fairlie-Tekapo Rd.

Invertebrates (including species such as Canterbury knobbed weevil) are very much in need of extensive surveys. Less disturbed high-country stations will contain a wealth of invertebrate diversity which may include this rare and endangered weevil and other undiscovered species. Not enough is done to protect these habitats and I find it disappointing that some landowners don't allow entomologists and ecologists to survey the flora and fauna before these species are lost forever. At least 93% of the plant species and >95% of the birds, lizards and invertebrates in the high country are endemic to New Zealand.



Two views of *Aciphylla* patch along the Algidus Rd between Peak Hill and the turnoff at Homestead Rd.

Mammalian herbivorous pests such as wallabies (in South Canterbury and now Central Otago), pigs, deer, and hares are a threat to *Aciphylla* as are wilding trees as they can shade out the plants that prefer full sun (see photos of weeds below).

Therefore, I propose the following recommendations:

1. Protection of roadside populations of *Aciphylla aurea* e.g. along Mt Algidus Rd. where trees are threatening to shade them out.
2. Removal of several specimens of exotic broom (*Cytisus scoparius*), *Pinus radiata* and another wilding trees (possibly Larch) from Peak Hill.
3. My survey only touched the surface in a vast area of potential Canterbury knobbed weevil habitat. Further invertebrate surveys should be encouraged given the lack of collecting undertaken in the Lake Coleridge. Concentration on identified rare habitat or communities would be a priority.



A patch of exotic broom is taking hold on Peak Hill to the right of the track walking up.



Pinus radiata (top) & larch (bottom) on Peak Hill.

Acknowledgements

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- Toni, CHET coordinator for her assistance and understanding
- Jamie Smiley (Mt Algidus Station) for his assistance and generosity in supporting my survey work
- Stu Millar (Peak Hill) for permission to access his land and advice on best habitat

Appendix 1: Photos of Invertebrates found in survey (scale bar is 1mm)

COLEOPTERA (BEETLES)

Weevils (Curculionidae)



Chalepistes species from Peak Hill



Unknown Phrynixini species from Mt Algidus



Long-nosed Kauri Weevil *Mitrastethus ?baridioides* found at Mt Algidus



Eugnomus dispar from Peak Hill



Gromilus species from Peak Hill



Abantiadinus nodipennis from Peak Hill & Mt Algidus



Pactolotypus species from Peak Hill (left) & Unknown Cryptorhynchini species from Peak Hill & Mt Algidus



Unknown Cossoninae species from Mt Oakden



Unknown Cossoninae species from Mt Algidus

Ground beetles (Carabidae)



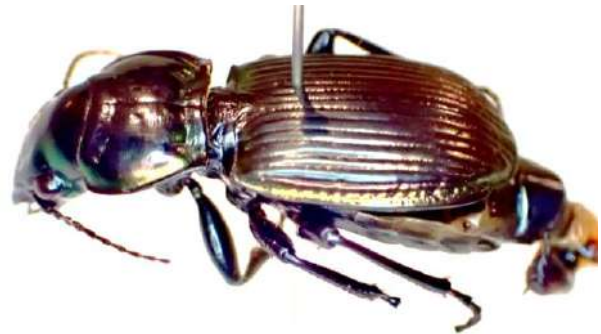
Megadromus species from Peak Hill



Ctenognathus species from Mt Algidus Station



Mecodema new species from Mt Algidus



Megadromus antarcticus from Mt Algidus



Unidentified Carabidae species 1 from Mt Algidus



Trichopsida nr. *debilis* from Mt Algidus



Mecodema huttense from Peak Hill



Cerabilia nr. *striatula* from Mt Algidus

Scarabidae (chafers)



Manuka beetle (*Pyronota* species) from Peak Hill (left) and from Mt Algidus (right)



Odontria species 1 from Mt Algidus & Peak Hill

Odontria species 2 from Mt Algidus

Click beetles (Elateridae)



Elaterid species from Peak Hill

Elaterid species from Mt Algidus

Other beetles



Rove beetle *Creophilus oculatus* (left) and *Hisparonia hystrix* (right) collected at Mt Algidus Station



Selenopalpus species collected from Mt Algidus



Flat-faced longhorn beetle (Lamiinae) from Mt Algidus



Orange-spotted ladybird *Coccinella leonina* (left) and *Rhyzobius* ladybird species (right) from Mt Algidus



Soft-winged flower beetle (Melyridae) species from Peak Hill



Melyridae species from Mt Algidus



Mimopeus opaculus collected from Mt Oakden



Zeadelium species from Mt Algidus



Lorelus species collected from Mt Oakden



Nitidulini species collected from Mt Oakden



Sap-feeding beetle (Nitidulidae) from Mt Algidus (left) and *Trogoderma* species from Peak Hill (right)





Introduced Grass Stem Anthribid *Euciodes suturalis* and bark beetle *Notocoxelus* species from Mt Algidus

ORTHOPTERA (WETA, GRASSHOPPERS)



Hemidrus species from Peak Hill & Mt Algidus



Short-horned grasshopper (Acrididae) Mt Algidus



Isoplectron armatum from Mt Oakden



Hemideina maori from Mt Oakden



Spur-throated grasshopper *Paprides nitidus* from Peak Hill

COCKROACHES



Parellipsidion pachycercum from Mt Oakden



Celatoblatta sp. from Mt Oakden & Mt Algidus

HYMENOPTERA (WASPS, BEES AND ANTS)



Maaminga marrisi collected from Mt Oakden



Dracula ant (*Fulakora saundersi*) from Peak Hill



Betyla Rangatira collected from Mt Oakden



Spilomicrus species from Mt Algidus



Spider wasp (*Priocnemis conformis*) from Mt Algidus



Ichneumonidae from Mt Algidus



Southern ant *Chelaner antarcticus* from Mt Algidus (left)



and native bee (*Leioproctus* species) Peak Hill (right)



Native bee (*Lasioglossum* species) at Peak Hill

DIPTERA (FLIES)



Stiletto fly (*Ectinorhynchus* species) from Mt Algidus



Dance fly (Superfamily Empidoidea) from Mt Algidus



Bristle fly *Peremptor kumaraensis* (left) and (right) unidentified marsh fly (Sciomyzidae) from Mt Algidus





Copulating cranefly *Leptotarsus* species (left) and bush fly *Scaptia* species (right) from Peak Hill



Cranefly *Leptotarsus vulpinus* from Peak Hill (left), hoverfly *Allograptus* sp. from Mt Algidus (middle) & Peak Hill (right)

LEPIDOPTERA (MOTHS & BUTTERFLIES)



Canterbury alpine boulder copper (*Lycaena tama*) from Mt Algidus (left) and tussock butterfly (*Argyrophenga antipodum*) from Peak Hill (right)

HEMIPTERA (TRUE BUGS)



Dirt-coloured Seed Bugs (Rhyparochromidae) – dorsal view (left), ventral view (right) from Mt Algidus



Dirt-coloured Seed Bugs (Rhyparochromidae) & *Rhypodes* species, from Mt Oakden & Mt Algidus



Brown Soldier Bug *Cermatulus nasalis* from Mt Algidus



Black Stonefly *Austroperla cyrene* (left) and large green stonefly *Stenoperla* species from Mt Algidus



Endemic cicada *Kikihi* species and parasitised native *Aciphylla* aphid (*Paradoxaphis* species) from Mt Algidus

Mites (Acari)



Velvet mite (Thrombidiodea) from Mt Algidus



Unknown mite from Mt Algidus



Velvet mite (Thrombidiodea) from Mt Algidus

Harvestman



Harvestmen (Triaenonychidae) from Mt Algidus & *Pristobunus* species from Mt Algidus

Spiders



Cambridgea species from Mt Algidus



Anoteropsis hilaris or *A. adumbrata* from Mt Algidus



Clubiona species from Mt Algidus



Sidymella species from Mt Algidus



Novaranea queribunda from Mt Algidus (left) and *Tetragnatha* species with fly from Peak Hill (right)



MOLLUSCS (Snails)



Unidentified Punctoidea species (left) and Charopidae species (right) from Mt Algidus



Unidentified and Charopidae species (left) and *Therasia* species (right) from Mt Algidus

PLANTS



Single specimen of *Aciphylla scott-thomsonii* found at Peak Hill

APPENDIX 2: COLLATED SPECIES LIST FROM LAKE COLERIDGE AREA FROM LINCOLN UNIVERSITY MUSEUM, CANTERBURY MUSEUM & THIS STUDY						
* Numbers with prefix are "LUNZ" are Lincoln University Research Museum specimens. Numbers without a prefix are Canterbury Museum specimens. Blank entries are mine.						
System ID*	Classification		Collector	Date Collected	Location Collected	Field Coll Site
	<i>Genus</i>	<i>species</i>				
	Moths & Butterflies /Lepidoptera					
572296	<i>Asaphodes</i>	<i>abrogata</i>		01 Mar 1873	Oakden's Station, Canterbury, Lake Coleridge, among native grasses	
574448	<i>Notoreas</i>	<i>mechanitis</i>		01 Mar 1873-07 Mar 1873	Lake Coleridge, Canterbury, on blossom of Ake Ake	
574578	<i>Paranotoreas</i>	<i>brephosata</i>		01 Mar 1873	Oakden's Station, Canterbury, Lake Coleridge, among native grass	
589325	<i>Scaptia</i>	<i>adrel</i>	Mr John W Early	18/01/1976	Lake Coleridge, MC, in Convolvulus flower	
591671	<i>Neolimnia</i>	<i>repo</i>	Vida Stout	16/12/1962	North Shore, Lake Coleridge, MC	
596474	<i>Aletia</i>	<i>moderata</i>		01 Mar 1873-07 Mar 1873	Mount Oakdens, near Lake Coleridge, Canterbury, at sugar	
596946	<i>Graphania</i>	<i>lignana</i>		01 Mar 1873-07 Mar 1873	Oakden's Sation, near Lake Coleridge, Canterbury	
597511	<i>Graphania</i>	<i>plena</i>		01 Mar 1873-07 Mar 1873	Oakley Station, MC, near Lake Coleridge, at sugar	

597950	<i>Meterana</i>	<i>meyricci</i>		01 Mar 1873-07 Mar 1873	Oakley Station, MC, near Lake Coleridge, at sugar	
598202	<i>Persectania</i>	<i>aversa</i>		01 Mar 1873-07 Mar 1873	Oakden's Station near Lake Coleridge, Canterbury, at sugar	
598320	<i>Tmetolophota</i>	<i>alopa</i>		01 Mar 1873-07 Mar 1873	Oakden's Station near Lake Coleridge, Canterbury, at sugar	
598344	<i>Tmetolophota</i>	<i>atristriga</i>		01 Mar 1873-07 Mar 1873	Oakden's Station near Lake Coleridge, Canterbury, at sugar	
598503	<i>Tmetolophota</i>	<i>propria</i>		07 Mar 1873	Oakden's Station near Lake Coleridge, Canterbury, at sugar	
598790	<i>Agrotis</i>	<i>ipsilon aneituma</i>		01 Mar 1873-07 Mar 1873	Oakden's Station near Lake Coleridge, Canterbury, at sugar	
603248	<i>Pterophorus</i>	<i>innotatalis</i>		01 Mar 1873-07 Mar 1873	Mount Oakdens, near Lake Coleridge, among tussock near ? ?	
609323	<i>Scoparia</i>	<i>tetracycla</i>		01 Mar 1873-07 Mar 1873	Oakley Station near Lake Coleridge, Canterbury, ? ? grass	
572086	<i>Zermizinga</i>	<i>indocilisaria</i>		16/07/1923	Mount Oakden, Canterbury, Homestead	
565354	<i>Orocrambus</i>	<i>xanthogrammu s</i>	Mr R W Fereday	Mar 1873	Lake Coleridge, MC	
1072076	<i>Notoreas</i>	<i>simplex</i>		01 Mar 1873-07 Mar 1873	Lake Coleridge on blossom of akeake.	Lake Coleridge; Canterbury Land District/New Zealand Land Districts
565589	<i>Heliothela</i>	<i>atra</i>		01 Mar 1873-07 Mar 1873	Lake Coleridge, MC, on leaves of Akia Akia, west ? of the lake in bush line	

	<i>Lycaena</i>	<i>tama</i>	Mike Bowie	21/02/2021	Mt Algidus	Photo - iNaturalist
	<i>Argyrophenga</i>	<i>antipodum</i>	Mike Bowie	24/01/2021	Peak Hill	Photo - iNaturalist
	Flies/Diptera					
563079	<i>Helophilus</i>	<i>hochstetteri</i>	Mr John W Early	12/11/1977	Ryton River, Lake Coleridge, MC - on Hymeranthera alpina	
	<i>Peremptor kumaraensis</i>		Mike Bowie	21/02/2021	Mt Algidus	Pitfall trap
	Sciomyzidae		Mike Bowie	21/02/2021	Mt Algidus	Pitfall trap
	<i>Allograpta</i>	species 1	Mike Bowie	21/02/2021	Mt Algidus	Photo - iNaturalist
	<i>Allograpta</i>	species 2	Mike Bowie	24/01/2021	Peak Hill	Photo - iNaturalist
	<i>Scaptia</i>		Mike Bowie	24/01/2021	Peak Hill	Photo - iNaturalist
	<i>Ectinorhynchus</i>		Mike Bowie	21/02/2021	Mt Algidus	Pitfall trap
	Empidoidea		Mike Bowie	21/02/2021	Mt Algidus	Pitfall trap
	Craneflies/Tipulids					
837839	<i>Leptotarsus/Macromastix</i>	<i>tapleyi</i>	Margaret Johns	19/03/1961	Kaka Hill, Lake Coleridge	
838190	<i>Leptotarsus/Macromastix</i>	<i>zeylandiae</i>	Margaret Johns	19/03/1961	Kaka Hill, Lake Coleridge	
	<i>Leptotarsus vulpinus</i>		Mike Bowie		Peak Hill	Photo - iNaturalist
	Ants, bees, Wasps/Hymenoptera					
611385	<i>Huberia</i>	<i>striata</i>	W E Moore	5/01/1938	Lake Coleridge, Canterbury	
611995	<i>Priocnemis (Trichocurgus)</i>	<i>carbonarius</i>		Mar 1873	Mount Oakdens, near Lake Coleridge, Canterbury	
	<i>Maaminga</i>	<i>marrisi</i>	Mike Bowie	13/01/2010	Mt Oakden, Lake Coleridge	Pitfall trap
	<i>Fulakora</i>	<i>saundersi</i>	Mike Bowie	25/11/2009	Mt Oakden, Lake Coleridge	Pitfall trap
	<i>Betyla</i>	<i>rangatira</i>	Mike Bowie	25/11/2009	Mt Oakden, Lake Coleridge	Pitfall trap

	<i>Chelaner</i>	<i>antarcticus</i>	Mike Bowie	21/02/2021	Mt Algidus	Pitfall trap
	<i>Leioproctus</i>		Mike Bowie	24/01/2021	Peak Hill, Lake Coleridge	Photo - iNaturalist
	<i>Lasioglossum</i>		Mike Bowie	24/01/2021	Peak Hill, Lake Coleridge	Photo - iNaturalist
	<i>Priocnemis</i>	<i>conformis</i>	Mike Bowie	21/02/2021	Mt Algidus	Pitfall trap
	<i>Spilomicrus</i>		Mike Bowie	21/02/2021	Mt Algidus	Pitfall trap
	Springtails/Collembola					
	<i>Holacanthella</i>		Mike Bowie	21/02/2021	Mt Algidus	
	Weta & grasshoppers/Orthoptera					
732930	<i>Isoplectron</i>	<i>armatum</i>	Peter Johns	11/03/1960	Logs. Lake Coleridge, Kaka Hill, bush near top	
872164	<i>Hemideina</i>	<i>maori</i>	Peter Johns	18/10/1963	Mount Gideon, Rolleston Range, Rakaia River valley	
	<i>Hemideina</i>	<i>maori</i>		25/11/2009	Mt Oakden	Inside old <i>Aciphylla</i> flower stem
	<i>Hemiandrus</i>		Mike Bowie	24/01/2021	Peak Hill, Lake Coleridge	Pitfall trap
	<i>Hemideina</i>	<i>maori</i>	Mike Bowie	24/01/2021	Peak Hill, Lake Coleridge	Pitfall trap
	<i>Isoplectron</i>	<i>armatum</i>	Mike Bowie	24/01/2021	Peak Hill, Lake Coleridge	Pitfall trap
	<i>Paprides</i>	<i>nitidus</i>	Mike Bowie	25/01/2021	Peak Hill, Lake Coleridge	Pitfall trap
	<i>Acrididae</i>		Mike Bowie	21/02/2021	Mt Algidus	Photo - iNaturalist
	Millipedes					
799224	<i>Eumastigonus</i>	<i>hallelujah</i>		15/10/1961	Coleridge Road, Red Hill, near Lake Lyndon	
821288	<i>Icosidesmus</i>	<i>variegatus</i>	Peter Johns	13/03/1960	Kaka Hill, Lake Coleridge	
821355	<i>Icosidesmus</i>	<i>variegatus</i>	Margaret Johns	17/01/1960	Between Scamander Stream and Simois Stream, Lake Coleridge	
830249	<i>Icosidesmus</i>		Peter Johns	18/10/1963	Mount Gideon, Rolleston Range	
821283	<i>Icosidesmus</i>	<i>variegatus</i>	Margaret Johns	18/04/1960	Kaka Hill, NE side	

1016936	<i>Schedotrigonidae</i>		Peter Johns	8/10/1963	Mount Gideon, Rolleston Range	
1016811	<i>Schedotrigonidae</i>		Miss I. M. MCDONALD	19/05/1960	Mount Algidus, Canterbury	
801892	<i>Pseudoprionopeltis</i>	<i>cinereus</i>	Margaret Johns	17/01/1960	Near Lake Coleridge	
802173	<i>Pseudoprionopeltis</i>	<i>cinereus</i>	Mr I. A. D. MACDONALD	19/05/1960	Mount Algidus, Rakaia River	
802190	<i>Pseudoprionopeltis</i>	<i>cinereus</i>	Peter Johns	13/03/1960	Kaka Hill, near Lake Coleridge	
801949	<i>Pseudoprionopeltis</i>	<i>cinereus</i>	Margaret Johns	18/04/1960	Kaka Hill bush	
802028	<i>Pseudoprionopeltis</i>	<i>cinereus</i>	Peter Johns	15/10/1961	Red Hill, near Lake Lyndon	
	Mayfly/Ephemeroptera					
770168	<i>Deleatidium</i>	<i>fumosum</i>	Terry Hitchings	24/01/1996	Fisher Stream, Glenthorne Station	
818753	<i>Deleatidium</i>	<i>myzobanchia</i>	Terry Hitchings	24/01/1996	Fisher Stream, Glenthorne Station	
818814	<i>Deleatidium</i>	<i>myzobanchia</i>	Phyllis E Penney	8/11/2001	Lake Coleridge, tributary	
	Stonefly/Plecoptera					
	<i>Austroperla</i>	<i>cyrene</i>	Mike Bowie	21/02/2021	Mt Algidus	Photo - iNaturalist
	<i>Stenoperla</i>		Mike Bowie	21/02/2021	Mt Algidus	Photo - iNaturalist
	Caddisflies/Tricoptera					
123449	<i>Hydrobosis</i>	<i>harpidiosa</i>	Alexander Grant Mcfarlane	30/03/1968	Scamander Stm.,L.Coleridge	
126959	<i>Hydrobosis</i>	<i>copis</i>	Alexander Grant Mcfarlane	17/12/1964	L. Coleridge, Homestead Stm	

128695	<i>Hudsonema</i>	<i>amabile</i>	Alexander Grant Mcfarlane	10/12/1967	L.COLERIDGE	
129804	<i>Paroxyethira</i>	<i>hendersoni</i>	Alexander Grant Mcfarlane	15/10/1967	L.COLERIDGE,RYTON BAY	
129886	<i>Psilochorema</i>	<i>bidens</i>	Alexander Grant Mcfarlane	4/11/1969	SCAMANDER STM.,L.COLERIDGE	
130589	<i>Oecetis</i>	<i>unicolor</i>	Alexander Grant Mcfarlane	6/03/1969	L.COLERIDGE,HYDRO OUTLET	
132826	<i>Beraeoptera</i>	<i>roria</i>	Alexander Grant Mcfarlane	12/12/1965	L.COLERIDGE	
149750	<i>Notidanus</i>				Coleridge Creek ?	
	True bugs/Hemiptera					
	Rhyparochromidae	species 1	Mike Bowie	21/02/2021	Mt Algidus	Pitfall trap
	Rhyparochromidae	species 2	Mike Bowie	21/02/2021	Mt Algidus	Pitfall trap
	<i>Rhypodes</i>		Mike Bowie	21/02/2021 & 25/11/2009	Mt Algidus & Mt Oakden	Pitfall trap
	<i>Cermatulus</i>	<i>nasalis</i>	Mike Bowie	21/02/2021	Mt Algidus	Pitfall trap
	<i>Kikihi</i>		Mike Bowie	22/02/2021	Mt Algidus	Pitfall trap
	Cockroach					
819553	<i>Celatoblatta</i>	<i>pallidicauda</i>	Margaret Johns	10/07/1960	Kaka Hill, Lake Coleridge	
122248	<i>Celatoblatta</i>	<i>pallidicauda</i>	Margaret Johns	10/07/1960	Lake Coleridge, Kaka Hill (top)	
827076	<i>Celatoblatta</i>		Peter Johns	18/10/1963	Mount Gideon, Rolleston Range	
	<i>Parellipsidion</i>	<i>pachycercum</i>	Mike Bowie	24/01/2021	Peak Hill, Lake Coleridge	Pitfall trap

	Centipede					
838369	<i>Craterostigmus</i>	<i>crabilli</i>	Peter Johns	15/10/1961	Red Hill, near Lake Coleridge	
825075	<i>Lamyctes</i>	<i>emarginatus</i>	Peter Johns		Rakaia River, near Lake Coleridge outlet	
823287	<i>Steneurytion</i>	<i>antipodum</i>	Peter Johns		Kaka Hill, Lake Coleridge	
825133	<i>Zelanion</i>	<i>morbosus</i>	Peter Johns		Red Hill, bush on hill, near Lake Coleridge	
825159	<i>Zelanion</i>	<i>morbosus</i>	Mr I. A. D. MACDONALD		Mount Algidus, Rakaia River	
	Pseudoscorpion					
947494	Pseudoscorpiones		Peter Johns	13/03/1960	Kaka Hill near Lake Coleridge	
947526	Pseudoscorpiones		Margaret Johns	17/01/1960	near Lake Coleridge	
947735	Pseudoscorpiones		Ian Macdonald	19/05/1960	Mount Algidus	
948125	Synsphyronus		Peter Johns	13/03/1960	Kaka Hill near Lake Coleridge	
	Litter hopper/Amphipod					
1087551	<i>Parorchestia</i>	<i>sylvicola</i>	T Hall	1/12/1913	Mt Algidus, Rakaia Gorge	
	Beetles/Coleoptera					
707685	<i>Quedius</i>	<i>fulgidus</i>		Mar 1873	Mount Oakdens, near Lake Coleridge, Canterbury	
507301	Staphylinidae/Aleocharinae		Peter Johns	13/02/1960	Kaka Hill, Lake Coleridge - leaf litter	
529511	<i>Mitua</i>	<i>tuberculicostata</i>	F Murray	7/05/1983	Mount Algidus, MC - in woods on ground	
530792	<i>Mimopeus</i>	<i>opaculus</i>		15/10/1961	Red Hill, near Lake Coleridge, MC -	<i>Nothofagus cliffortioides</i> forest

531005	<i>Mimopeus</i>	<i>opaculus</i>	Peter Johns	13/03/1960	Kaka Hill, Lake Coleridge, MC	
	<i>Mimopeus</i>	<i>opaculus</i>	Mike Bowie	13/01/2010	Mt Oakden	pitfall trap
531438	<i>Mimopeus</i>	<i>thoracicus</i>	F Murray	8/05/1983	Mount Algidus, MC - in old shed on farm	
537615	Elateridae		E Moore	5/11/1938	Lake Coleridge	
549225	<i>Xylotoles</i>			Mar 1873	Mount Oakdens, Lake Coleridge, MC	
555965	<i>Rhantus</i>	<i>pulverosus</i>	Wakefield	Mar 1873	Oakdens Station, Lake Coleridge, MC	
556052	<i>Lancetes</i>	<i>lanceolatus</i>	J Crumpton	9/03/1969	Coleridge Kettle, Lake Coleridge, MC	
556167	Dytiscidae		J Crumpton	22/11/1969	Coleridge Kettle, Lake Coleridge, MC	
556194	<i>Antiporus</i>	<i>strigosulus</i>	J Crumpton	9/03/1969	Coleridge Kettle, Lake Coleridge, MC	
556291	<i>Berosus</i>		J Crumpton	22/11/1969	Coleridge Kettle, Lake Coleridge, MC	
558073	<i>Hydora</i>		J Crumpton	22/11/1969	Coleridge Kettle, Lake Coleridge, MC	
568695	Scydmaenidae/Scydmaeninae		Peter Johns	13/02/1960	Kaka Hill, Lake Coleridge, MC - leaf litter	
884301	<i>Pyronota</i>		Mr John W Early	23/11/1974	Lake Coleridge, South Island	
	<i>Pyronota</i>		Mike Bowie	24/01/2021 & 21/2/2021	Peak Hill, Lake Coleridge & Mt Algidus	
911235	<i>Zeadelium</i>		Peter Johns	13/02/1960	Kaka Hill, Lake Coleridge	
	<i>Zeadelium</i>		Mike Bowie	21/02/2021	Mt Algidus	Pitfall trap
	<i>Odontria</i>	species 1	Mike Bowie	24/01/2021 & 21/2/2021	Peak Hill, Lake Coleridge & Mt Algidus	Pitfall trap
	<i>Odontria</i>	species 2	Mike Bowie	21/02/2021	Mt Algidus	Pitfall trap
	Elateridae		Mike Bowie	24/01/2021	Peak Hill, Lake Coleridge	Pitfall trap
	Melyridae		Mike Bowie	24/01/2021	Peak Hill, Lake Coleridge	Pitfall trap
	Trogoderma		Mike Bowie	24/01/2021	Peak Hill, Lake Coleridge	Pitfall trap

	<i>Mimopeus opaculus</i>		Mike Bowie	24/01/2021	Peak Hill, Lake Coleridge	Pitfall trap
	<i>Lorelus</i>		Mike Bowie	24/01/2021	Peak Hill, Lake Coleridge	Pitfall trap
	<i>Euciodes suturalis</i>		Mike Bowie	21/02/2021	Mt Algidus	Pitfall trap
	<i>Notocoxelus</i>		Mike Bowie	21/02/2021	Mt Algidus	Pitfall trap
	<i>Selenopalpus</i>		Mike Bowie	21/02/2021	Mt Algidus	Pitfall trap
532475	<i>Zolodinus</i>	<i>zelandicus</i>	Peter Johns	15/10/1961	Red Hill, near Porters Pass, MC	
	Weevils/Curculionidae					
	<i>Chalepistes</i>		Mike Bowie	24/01/2021	Peak Hill, Lake Coleridge	Pitfall trap
	<i>Eugnomus dispar</i>		Mike Bowie	24/01/2021	Peak Hill, Lake Coleridge	Pitfall trap
	<i>Eugnomus dispar</i>		Mike Bowie	28/02/2021	Mt Algidus	Pitfall trap
	<i>Gromilus</i>		Mike Bowie	24/01/2021	Peak Hill, Lake Coleridge	Pitfall trap
	Cossoninae		Mike Bowie	25/11/2009	Mt Oakden, Lake Coleridge	Pitfall trap
	Cossoninae		Mike Bowie	21/02/2021	Mt Algidus	Pitfall trap
	<i>Abantiadinus nodipennis</i>		Mike Bowie	21/02/2021	Mt Algidus	Pitfall trap
	<i>Abantiadinus nodipennis</i>		Mike Bowie	24/01/2021	Peak Hill, Lake Coleridge	Pitfall trap
	<i>Pactolotypus</i>		Mike Bowie	24/01/2021	Peak Hill, Lake Coleridge	Pitfall trap
	Cryptorhynchini		Mike Bowie	21/02/2021	Mt Algidus	Pitfall trap
	Cryptorhynchini		Mike Bowie	24/01/2021	Peak Hill, Lake Coleridge	Pitfall trap
	Entiminae		Mike Bowie	21/02/2021	Mt Algidus	Pitfall trap
	Phrynixini		Mike Bowie	21/02/2021	Mt Algidus	Pitfall trap
	<i>Mitratethus</i>	<i>baridioides</i>	Mike Bowie	28/02/2021	Mt Algidus	Kauri weevil is an unusual find here!
568919	Curculionidae		Peter Johns	13/02/1960	Kaka Hill, Lake Coleridge, MC - leaf litter	
568575	Curculionidae		Peter Johns	13/02/1960	Kaka Hill, Lake Coleridge, MC - leaf litter	
	Ground beetles/Carabidae					
LUNZ00008256	<i>Actenonyx</i>	<i>bembidioides</i>	Muir, C.A.	29/11/1977	Wilberforce River	Under stones
LUNZ00008257	<i>Actenonyx</i>	<i>bembidioides</i>	Muir, C.A.	29/11/1977	Wilberforce River	Under stones

LUNZ00008258	<i>Actenonyx</i>	<i>bembidioides</i>	Muir, C.A.	29/11/1977	Wilberforce River	Under stones
LUNZ00008259	<i>Actenonyx</i>	<i>bembidioides</i>	Muir, C.A.	29/11/1977	Wilberforce River	Under stones
499403	<i>Actenonyx</i>	<i>bembidioides</i>	E Moore	5/11/1938	Lake Coleridge	
LUNZ00007004	" <i>Anchomenus</i> "	<i>sp. indet.</i>	Sweney, W.J.	29/11/1977	Mount Algidus, near homestead	Under logs
LUNZ00007009	" <i>Anchomenus</i> "	<i>sp. indet.</i>	Emberson, R.M.	29/11/1977	Mount Algidus	Under logs, <i>Nothofagus cliffortioides</i> forest
LUNZ00007005	" <i>Anchomenus</i> "	<i>sp. indet.</i>	Muir, C.A.	29/11/1977	Mount Algidus	Under logs
LUNZ00007006	" <i>Anchomenus</i> "	<i>sp. indet.</i>	Muir, C.A.	29/11/1977	Mount Algidus	Under logs
LUNZ00007007	" <i>Anchomenus</i> "	<i>sp. indet.</i>	Emberson, R.M.	29/11/1973	Mount Algidus	Under bark and logs <i>Nothofagus cliffortioides</i> forest
LUNZ00007008	" <i>Anchomenus</i> "	<i>sp. indet.</i>	Emberson, R.M.	29/11/1973	Mount Algidus	Under bark and logs <i>Nothofagus cliffortioides</i> forest
LUNZ00007010	" <i>Anchomenus</i> "	<i>sp. indet.</i>	Emberson, R.M.	29/11/1973	Mount Algidus	Under bark and logs <i>Nothofagus cliffortioides</i> forest
LUNZ00008953	<i>Anisodactylus</i>	<i>binotatus</i>	Sweney, W.J.	29/11/1977	Mount Algidus	Under logs, <i>Nothofagus solandri</i>
LUNZ00003488	<i>Bembidion</i>	<i>charile</i>	Emberson, R.M.	29/11/1977	Wilberforce River	Under stones
LUNZ00003489	<i>Bembidion</i>	<i>charile</i>	Emberson, R.M.	29/11/1977	Wilberforce River	Under stones
LUNZ00003490	<i>Bembidion</i>	<i>charile</i>	Emberson, R.M.	29/11/1977	Wilberforce River	Under stones
LUNZ00003491	<i>Bembidion</i>	<i>charile</i>	Emberson, R.M.	29/11/1977	Wilberforce River	Under stones
LUNZ00003492	<i>Bembidion</i>	<i>charile</i>	Sweney, W.J.	29/11/1977	Wilberforce River, west bank, Mount Algidus	Under rock
897610	<i>Cerabilia</i>	<i>oblonga</i>	Peter Johns	15/10/1961	Red Hill near Lake Lyndon	
	<i>Cerabilia</i>	<i>nr. striatula</i>	Mike Bowie	21/02/2021	Mount Algidus	Pitfall trap
LUNZ00001446	<i>Cicindela</i>	<i>latecincta</i>	Early, J.W.	1/01/1989	Lake Coleridge	

LUNZ00001447	<i>Cicindela</i>	<i>latecincta</i>	Early, J.W.	1/01/1989	Lake Coleridge	
502170	<i>Ctenognathus</i>		F Murray	7/05/1983	Mount Algidus, under wood	
	<i>Ctenognathus</i>		Mike Bowie	21/02/2021	Mount Algidus	Pitfall trap
911670	<i>Demetrida</i>	<i>dieffenbachii</i>	Peter Johns	2/06/1962	Dry Stream, Castle Hill Peak basin	
LUNZ00007851	<i>Dicrochile</i>	<i>thoracica</i>	Butcher, M.R.	28/02/1977	Mount Algidus	Under logs
LUNZ00007852	<i>Dicrochile</i>	<i>thoracica</i>	Butcher, M.R.	28/02/1977	Mount Algidus	Under logs
LUNZ00008514	<i>Dicrochile</i>	<i>thoracica</i>	Butcher, M.R.	28/02/1977	Mount Algidus	Under logs
LUNZ00008515	<i>Dicrochile</i>	<i>thoracica</i>	Butcher, M.R.	28/02/1977	Mount Algidus	Under logs
LUNZ00007752	<i>Dicrochile</i>	<i>thoracica</i>	Muir, C.A.	29/11/1977	Mount Algidus	Under logs, <i>Nothofagus</i> forest
LUNZ00007853	<i>Dicrochile</i>	<i>thoracica</i>	Muir, C.A.	29/11/1977	Mount Algidus	Under logs, <i>Nothofagus</i> forest
LUNZ00007854	<i>Dicrochile</i>	<i>thoracica</i>	Jesson, K.E.	29/11/1977	Mount Algidus	Under logs, <i>Nothofagus</i> forest
LUNZ00003138	<i>Mecylothorax</i>	<i>rotundicollis</i>		29/11/1977	Mount Algidus	Under logs
430573	<i>Mecodema</i>	<i>fulgidum</i>	Peter Johns	15/10/1961	Red Hill,	
	<i>Mecodema</i>	<i>fulgidum</i>	Mike Bowie	13/01/2010	Mt Oakden	
LUNZ00002462	<i>Mecodema</i>	<i>huttense</i>	Butcher, M.R.	29/11/1977	Mount Algidus	Under logs, <i>Nothofagus</i> forest
LUNZ00002463	<i>Mecodema</i>	<i>huttense</i>	Emberson, R.M.	29/11/1973	Mount Algidus	Under bark and logs <i>Nothofagus cliffortioides</i> forest
LUNZ00002464	<i>Mecodema</i>	<i>huttense</i>	Butcher, M.R.	29/11/1977	Mount Algidus	Under logs, <i>Nothofagus</i> forest
	<i>Mecodema</i>	<i>huttense</i>	Mike Bowie	24/01/2021	Peak Hill	
	<i>Mecodema</i>	new species?	Mike Bowie	24/01/2021	Peak Hill	
494878	<i>Megadromus</i>	<i>antarcticus</i>	Peter Johns	13/03/1960	Kaka Hill, Lake Coleridge	

494905	<i>Megadromus</i>	<i>antarcticus</i>	Margaret Johns	3/09/1961	Kaka Hill	
LUNZ00004802	<i>Megadromus</i>	<i>antarcticus</i>	Butcher, M.R.	29/11/1977	Mount Algidus	Under logs, <i>Nothofagus</i> forest
LUNZ00004803	<i>Megadromus</i>	<i>antarcticus</i>	Butcher, M.R.	29/11/1977	Mount Algidus	Under logs, <i>Nothofagus</i> forest
LUNZ00004804	<i>Megadromus</i>	<i>antarcticus</i>	Butcher, M.R.	29/11/1977	Mount Algidus	Under logs, <i>Nothofagus</i> forest
LUNZ00004812	<i>Megadromus</i>	<i>antarcticus</i>	Sweney, W.J.	29/11/1977	Mount Algidus	Under logs, larch plantation, edge of trees
LUNZ00004814	<i>Megadromus</i>	<i>antarcticus</i>	Muir, C.A.	29/11/1977	Mount Algidus	
LUNZ00004815	<i>Megadromus</i>	<i>antarcticus</i>	Muir, C.A.	29/11/1977	Mount Algidus	
LUNZ00004816	<i>Megadromus</i>	<i>antarcticus</i>	Emberson, R.M.		Mount Algidus	Under logs, <i>Nothofagus cliffortioides</i> forest
	<i>Megadromus</i>	<i>antarcticus</i>	Mike Bowie	21/02/2021	Mount Algidus	
LUNZ00005060	<i>Megadromus</i>	<i>enysi</i>	Sweney, W.J.	29/11/1977	Mount Algidus, near homestead	Under logs
LUNZ00005061	<i>Megadromus</i>	<i>enysi</i>	Sweney, W.J.	29/11/1977	Mount Algidus, near homestead	Under logs
LUNZ00005062	<i>Megadromus</i>	<i>enysi</i>	Sweney, W.J.	29/11/1977	Mount Algidus, near homestead	Under logs
LUNZ00005063	<i>Megadromus</i>	<i>enysi</i>	Sweney, W.J.	29/11/1977	Mount Algidus, near homestead	Under logs
LUNZ00005056	<i>Megadromus</i>	<i>enysi</i>	Sweney, W.J.	29/11/1977	Mount Algidus (east aspect)	Under logs, larch plantation, edge of trees
LUNZ00005052	<i>Megadromus</i>	<i>enysi</i>	Jackson, T.	29/11/1977	Mount Algidus	Under logs
LUNZ00005053	<i>Megadromus</i>	<i>enysi</i>	Jackson, T.	29/11/1977	Mount Algidus	Under logs
LUNZ00005044	<i>Megadromus</i>	<i>enysi</i>	Butcher, M.R.	29/11/1977	Mount Algidus	Under logs
LUNZ00005045	<i>Megadromus</i>	<i>enysi</i>	Butcher, M.R.	29/11/1977	Mount Algidus	Under logs

LUNZ00005046	<i>Megadromus</i>	<i>enysi</i>	Butcher, M.R.	29/11/1977	Mount Algidus	Under logs
LUNZ00005047	<i>Megadromus</i>	<i>enysi</i>	Butcher, M.R.	29/11/1977	Mount Algidus	Under logs
LUNZ00005069	<i>Megadromus</i>	<i>enysi</i>	Sweney, W.J.	29/11/1977	Mount Algidus	Under logs
LUNZ00005049	<i>Megadromus</i>	<i>enysi</i>	Emberson, R.M.	29/11/1977	Mount Algidus	Under logs, <i>Nothofagus cliffortioides</i> forest
LUNZ00005050	<i>Megadromus</i>	<i>enysi</i>	Emberson, R.M.	29/11/1977	Mount Algidus	Under logs, <i>Nothofagus cliffortioides</i> forest
LUNZ00005054	<i>Megadromus</i>	<i>enysi</i>	Jesson, K.E.	29/11/1977	Mount Algidus	Under logs, <i>Nothofagus</i> forest
LUNZ00005055	<i>Megadromus</i>	<i>enysi</i>	Jesson, K.E.	29/11/1977	Mount Algidus	Under logs, <i>Nothofagus</i> forest
LUNZ00005057	<i>Megadromus</i>	<i>enysi</i>	Muir, C.A.	29/11/1977	Mount Algidus	Under logs, <i>Nothofagus</i> forest
LUNZ00005058	<i>Megadromus</i>	<i>enysi</i>	Muir, C.A.	29/11/1977	Mount Algidus	Under logs, <i>Nothofagus</i> forest
495482	<i>Megadromus</i>	<i>walkeri</i>	Margaret Johns	30/10/1960	Kaka Hill	
495478	<i>Megadromus</i>	<i>walkeri</i>	Peter Johns	15/10/1961	Red Hill	
LUNZ00003035	<i>Metaglymma</i>	<i>moniliferum</i>	Butcher, M.R.	28/04/1977	Mount Algidus	
LUNZ00003039	<i>Metaglymma</i>	<i>moniliferum</i>	Sweney, W.J.	29/11/1977	Mount Algidus	Under logs
LUNZ00003033	<i>Metaglymma</i>	<i>moniliferum</i>	Emberson, R.M.	29/11/1973	Mount Algidus	Under bark and logs <i>Nothofagus cliffortioides</i> forest
LUNZ00003034	<i>Metaglymma</i>	<i>moniliferum</i>	Emberson, R.M.	29/11/1973	Mount Algidus	Under bark and logs <i>Nothofagus cliffortioides</i> forest
LUNZ00003036	<i>Metaglymma</i>	<i>moniliferum</i>	Muir, C.A.	29/11/1977	Mount Algidus	Under logs <i>Nothofagus</i> forest
LUNZ00003037	<i>Metaglymma</i>	<i>moniliferum</i>	Butcher, M.R.	29/11/1977	Mount Algidus	Under logs <i>Nothofagus</i> forest

LUNZ00003038	<i>Metaglymma</i>	<i>moniliferum</i>	Sweney, W.J.	29/11/1977	Mount Algidus, near homestead	Under logs
	<i>Metaglymma</i>	<i>moniliferum</i>	Mike Bowie	13/01/2010	Mount Oakden, near Lake Coleridge	Pitfall trap
499468	<i>Notagonum</i>	<i>submetallicum</i>		Mar 1873	Mount Oakden, near Lake Coleridge	
	<i>Oregus</i>	<i>aereus</i>	Mike Bowie	13/01/2010	Mount Oakden, near Lake Coleridge	Pitfall trap
LUNZ00008201	<i>Scopodes</i>	<i>laevigatus</i>	Sweney, W.J.	29/11/1977	Mount Algidus	Under stones, fellfield
LUNZ00008202	<i>Scopodes</i>	<i>laevigatus</i>	Sweney, W.J.	29/11/1977	Mount Algidus	Under stones, fellfield
LUNZ00008203	<i>Scopodes</i>	<i>laevigatus</i>	Emberson, R.M.	29/11/1977	Mount Algidus	Under stones, fellfield
LUNZ00008204	<i>Scopodes</i>	<i>laevigatus</i>	Emberson, R.M.	29/11/1977	Mount Algidus	Under stones, fellfield
LUNZ00008226	<i>Scopodes</i>	<i>edwardsii</i>	Sweney, W.J.	29/11/1977	Mount Algidus	Under stones, fellfield
LUNZ00008227	<i>Scopodes</i>	<i>edwardsii</i>	Emberson, R.M.	29/11/1977	Mount Algidus	Under stones, fellfield
LUNZ00008228	<i>Scopodes</i>	<i>edwardsii</i>	Emberson, R.M.	29/11/1977	Mount Algidus	Under stones, fellfield
LUNZ00008229	<i>Scopodes</i>	<i>edwardsii</i>	Emberson, R.M.	29/11/1977	Mount Algidus	Under stones, fellfield
LUNZ00008230	<i>Scopodes</i>	<i>edwardsii</i>	Emberson, R.M.	29/11/1977	Mount Algidus	Under stones, fellfield
LUNZ00008225	<i>Scopodes</i>	<i>edwardsii</i>	Butcher, M.R.	29/11/1977	Mount Algidus	Under rocks on summit
499802	<i>Scopodes</i>	<i>edwardsii</i>	E Moore	5/11/1938	Lake Coleridge	
499917	<i>Scopodes</i>	<i>fossulatus</i>	Peter Johns	18/10/1963	Mount Gideon, Rolleston Range	
LUNZ00003117	<i>Selenochilus</i>	<i>syntheticus</i>	Sweney, W.J.	29/11/1977	Mount Algidus	Under logs, <i>Nothofagus solandri</i>
LUNZ00003116	<i>Selenochilus</i>	<i>syntheticus</i>	Butcher, M.R.	29/11/1977	Mount Algidus	Under logs

LUNZ00003114	<i>Selenochilus</i>	<i>syntheticus</i>	Emberson, R.M.	29/11/1977	Mount Algidus	Under logs, <i>Nothofagus cliffortioides</i> forest
LUNZ00003115	<i>Selenochilus</i>	<i>syntheticus</i>	Emberson, R.M.	29/11/1977	Mount Algidus	Under logs, <i>Nothofagus cliffortioides</i> forest
LUNZ00003118	<i>Selenochilus</i>	<i>syntheticus</i>	Jesson, K.E.	29/11/1977	Mount Algidus	Under logs, <i>Nothofagus</i> forest
LUNZ00003119	<i>Selenochilus</i>	<i>syntheticus</i>	Jesson, K.E.	29/11/1977	Mount Algidus	Under logs, <i>Nothofagus</i> forest
LUNZ00003120	<i>Selenochilus</i>	<i>syntheticus</i>	Muir, C.A.	29/11/1977	Mount Algidus	Under logs, <i>Nothofagus</i> forest
911048	<i>Trichopsida</i>	<i>diversa</i>	Peter Johns	18/10/1963	Mount Gideon, Rolleston Range	
	<i>Trichopsida</i>	<i>nr. debilis</i>	Mike Bowie	21/02/2021	Mount Algidus	Pitfall trap