

mate	identification			location								date			collection	host		
	slide count	label det	species	det_by	country	admin1 / Crosby area	admin3	locality	site	lat	long	elevation	year	month	day	collector	label_host	stand_host
3	Betulaphis quadrituberculatus	?	KP Lamb	New Zealand	MC		Ashburton		-43.88333	171.75000		1960	6	15		silver birch	Betula pendula	
3		Acyrtosiphon kondoi	VFE	New Zealand	AK		Pukekohe		-37.20000	174.88333		1975	10	17	Auld, M.	lucerne	Medicago sativa	
2		Acyrtosiphon kondoi	J. Johannesson	New Zealand	ND		Ruakaka		-35.90000	174.45000		1975	12	5		lucerne	Medicago sativa	
1		Acyrtosiphon kondoi	J. Johannesson	New Zealand	BP		Walhi Beach		-37.40000	175.93333		1975	12	11		lucerne, clover	Medicago/Trifolium	
1		Acyrtosiphon kondoi	JM Cox	New Zealand	HB		Napier		-39.49923	176.89295		1976	8	27	Bilkey	Medicago sativa	Medicago sativa	
1		Acyrtosiphon kondoi		New Zealand	HB		Hastings		-39.63608	176.82443		1976	9	14	Bilkey, J.G.	lucerne	Medicago sativa	
1		Acyrtosiphon kondoi	JM Cox	New Zealand	WO		Hamilton	J. Cox	-37.76667	175.26667		1976	10	14	Oliver, H.	wind trap		
1		Acyrtosiphon kondoi		New Zealand	HB		Hastings		-39.63608	176.82443		1976	12	24	Bilkey, J.G.	lucerne	Medicago sativa	
1		Acyrtosiphon kondoi		New Zealand	HB		Matanui	Barnard Rd, R.G. Powell	-39.91298	176.66982		1977	8	16	Archibald, R.D.	lucerne	Medicago sativa	
1		Acyrtosiphon kondoi		New Zealand	TO		Otaipuhi	N. Sinton	-38.66773	175.66855		1977	8	16	Archibald, R.D.	lucerne	Medicago sativa	
2		Acyrtosiphon kondoi		New Zealand	BP		Omokoroa	R. Crapp	-37.66402	176.03435		1977	8	17	Archibald, R.D.	lucerne	Medicago sativa	
1		Acyrtosiphon kondoi		New Zealand	HB		Ashcott	Ellis	-39.95253	176.35162		1977	9	1	Dale, P.S.	lucerne	Medicago sativa	
1		Acyrtosiphon kondoi		New Zealand	HB		Bridge Pa	MacIntyre	-39.64607	176.75287		1977	9	1	Dale, P.S.	lucerne	Medicago sativa	
1		Acyrtosiphon kondoi		New Zealand	HB		Clive	Welsh	-39.58973	176.91525		1977	9	1	Dale, P.S.	lucerne	Medicago sativa	
1		Acyrtosiphon kondoi		New Zealand	HB		Fernhill	Clarke	-39.58888	176.75525		1977	9	1	Dale, P.S.	lucerne	Medicago sativa	
1		Acyrtosiphon kondoi		New Zealand	HB		Longlands	Vimmons	-39.66348	176.80987		1977	9	1	Dale, P.S.	lucerne	Medicago sativa	
1		Acyrtosiphon kondoi		New Zealand	HB		Meeanee		-39.54082	176.88882		1977	9	1	Dale, P.S.	lucerne	Medicago sativa	
1		Acyrtosiphon kondoi		New Zealand	HB		Omapere	T. Connor	-39.59852	176.59045		1977	9	1	Dale, P.S.	lucerne	Medicago sativa	
1		Acyrtosiphon kondoi		New Zealand	HB		Pakipaki	Weever	-39.69315	176.79523		1977	9	1	Dale, P.S.	lucerne	Medicago sativa	
1		Acyrtosiphon kondoi		New Zealand	HB		Whakamaru	Hyslop	-39.56162	176.52075		1977	9	1	Dale, P.S.	lucerne	Medicago sativa	
1		Acyrtosiphon kondoi		New Zealand	TO	Whakamaru	Mangakino	A. Primrose	-38.36977	175.76412		1977	9	1		lucerne	Medicago sativa	
1		Acyrtosiphon kondoi		New Zealand	TO		Broadlands		-38.50992	176.33468		1977	9	16	Routen, C.	Medicago sativa	Medicago sativa	
1		Acyrtosiphon kondoi		New Zealand	TO		Wairakei		-38.62663	176.08318		1977	9	22		lucerne	Medicago sativa	
1		Acyrtosiphon kondoi	JM Cox	New Zealand	TO		Reporoa	A. Hawkins	-38.43470	176.34532		1977	9	27		lucerne	Medicago sativa	
1		Acyrtosiphon kondoi	RG Sunde	New Zealand	MB		Dillons Point	G. Neal's farm	-41.50000	173.98333		1981	1	15	Macfarlane, R./Wightman, J.	sweeping mixed pasture		
1		Acyrtosiphon kondoi	JM Cox	New Zealand	AK	Auckland City	Mt Albert	DSIR [Mt Albert Research Centre]	-36.89056	174.72756	36m				Green, D.	white clover	Trifolium	
1		Acyrtosiphon malvae		New Zealand	CA	Campbell Is.			-52.55000	169.16667		1963	3	1	Wise, K.A.J.	imported Pelargonium	Pelargonium	
3		Acyrtosiphon malvae	RG Sunde	New Zealand	MC		Lincoln		-43.64025	172.48428	8m	1978	9	7	Harris, B.	sweeping Lupinus agnustifolia	Lupinus angustifolia	
1		Acyrtosiphon malvae	RG Sunde	New Zealand	MC		Lincoln		-43.64025	172.48428	8m	1978	9	7	Harris, B.			
12		Acyrtosiphon pisum	JM Cox/VFE	New Zealand	AK		Wharepapa		-36.72065	174.42817		1977	5	31	Cameron, P.J.	Medicago sativa	Medicago sativa	
1		Acyrtosiphon pisum	JM Cox	New Zealand	AK	Auckland City	Auckland	Mount Albert Research Centre, lab culture	-36.89056	174.72756	36m	1977	5	31	Hill, Richard			
1		Acyrtosiphon pisum	JM Cox	New Zealand	WI		Flock House	Flock House Research Area	-40.26667	175.28333		1977	7	11	Gaynor, D.K.	lucerne	Medicago sativa	
1		Acyrtosiphon pisum		New Zealand	AK	East Coast Bays	Stillwater		-36.64102	174.71182		1977	7	13	Archibald, R.D.	lucerne	Medicago sativa	
1		Acyrtosiphon pisum		New Zealand	AK	Kaipara	Kaukapakapa		-36.61457	174.47972		1977	7	13	Archibald, R.D.			
1		Acyrtosiphon pisum		New Zealand	AK		Otakini		-36.65345	174.31130		1977	7	13	Archibald, R.D.			
1		Acyrtosiphon pisum		New Zealand	AK	Warkworth	Omaha		-36.33738	174.78202		1977	7	14	Archibald, R.D.	lucerne	Medicago sativa	
1		Acyrtosiphon pisum	Archibald	New Zealand	WO		Bruntwood	Lee-Martin Rd	-37.81815	175.39190		1977	8	15	Archibald, R.D.	lucerne	Medicago sativa	
1		Acyrtosiphon pisum	Archibald	New Zealand	WO		Ohaupo	McGregor Rd, Linton	-37.91285	175.26018		1977	8	15	Archibald, R.D.	lucerne	Medicago sativa	
1		Acyrtosiphon pisum	Archibald	New Zealand	AK		Bucklands [Beach]	B. Hazelhurst	-36.86447	174.90193		1977	8	16	Archibald, R.D.	lucerne	Medicago sativa	
1		Acyrtosiphon pisum	Archibald	New Zealand	WO		Horahora	T. Hitchcock	-37.98338	175.61988		1977	8	16	Archibald, R.D.	lucerne	Medicago sativa	
1		Acyrtosiphon pisum	Archibald	New Zealand	TO		Kinleith	Matarawa Rd, G. Munro	-38.26805	175.92693		1977	8	16	Archibald, R.D.	lucerne	Medicago sativa	
1		Acyrtosiphon pisum	Archibald	New Zealand	BP		Pikowai	Mimiha Rd, Trafford	-37.85547	176.65418		1977	8	16	Archibald, R.D.	lucerne	Medicago sativa	
		Acyrtosiphon pisum	Archibald	New Zealand	BP		Katikati	Tuapiro Rd, J. Crosby	-37.50330	175.93305		1977	8	17	Archibald, R.D.	lucerne	Medicago sativa	

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1		Acyrtosiphon pisum	Archibald	New Zealand	BP		Maketu	Daggett?	-37.75598	176.45842		1977	8	17	Archibald, R.D.	lucerne	Medicago sativa	
1		Acyrtosiphon pisum	Archibald	New Zealand	BP		Otamarakau	Valley Rd., Reynolds	-37.85858	176.58770		1977	8	17	Archibald, R.D.	lucerne	Medicago sativa	
1		Acyrtosiphon pisum		New Zealand	TO	Whakamaru	Mangakino	A. Primrose	-38.36977	175.76412		1977	9	1		lucerne	Medicago sativa	
1		Acyrtosiphon pisum		New Zealand	TO	Whakamaru	Mangakino	A. Primrose	-38.36977	175.76412		1977	9	1		lucerne 10-15 cm	Medicago sativa	
1		Acyrtosiphon pisum		New Zealand	TO		Atiamuri	R. Fraser	-38.38990	176.02868		1977	9	21				
1		Akkaia		New Zealand	AK		Pukekohe		-37.20000	174.88333		1972	4	27	Sunde, R.G.	sticky trap 6		
4	Amphorophora carduellina	Amphorophora carduellina		New Zealand	WN		Ohau Bay	near Cape Terawhiti	-41.23958	174.64945		1947	11	24	Zotov, V.D.	Sonchus littoralis	Sonchus littoralis	
4	Amphorophora carduellina/Hyperomyzus carduellinus	Amphorophora carduellina/Hyperomyzus carduellinus		New Zealand	AK	Auckland City	Auckland		-36.85000	174.75000		1940	7	16	Matthews, R.	Sonchus oleraceus	Sonchus oleraceus	
4	Aphis rumicis	Aphis		New Zealand	BP		Katikati	Tetley Rd.	-37.57335	175.90982		1925	11	20	Cottier, W.	Vicia sp. (tares)	Vicia	
2	Aphis coprosmae	Aphis coprosmae		New Zealand	NN	Nelson	Aniseed Valley		-41.363373	173.24793	213m	1923	3	23		Coprosma	Coprosma	native aphid, type
1	Aphis coprosmae	Aphis coprosmae		New Zealand	NN	Nelson	Aniseed Valley		-41.363373	173.24793	213m	1923	12	3	Tillyard RJ	Coprosma rigida	Coprosma rigida	native aphid, type
2	Aphis cottieri	Aphis cottieri	Carver, M.	New Zealand	MC	Springburn			-43.66480	171.46264	347m	1967	2	20	Lowe, A. D.	Muehlenbeckia australis	Muehlenbeckia australis	native aphid, paratype
4	Aphis cottieri	Aphis cottieri	Carver, M.	New Zealand	FD			29 miles north of Te Anau	-45.077394	167.98654	779m	1972	2	10	Hales DF (White DF)	Muehlenbeckia complexa	Muehlenbeckia complexa	native aphid, holotype/paratype
6	Aphis cottieri	Aphis cottieri	Carver, M.	New Zealand	MC	nr Christchurch	Kaitorete Spit		-43.83365	172.50510		1998	11	4	Pawson SM	Muehlenbeckia complexa	Muehlenbeckia complexa	native aphid, paratype
1	Aphis cottieri	Aphis cottieri	Carver, M.	New Zealand	MC	nr Christchurch	Kaitorete Spit		-43.83365	172.50510		1998	11	11	Pawson SM	Muehlenbeckia complexa	Muehlenbeckia complexa	native aphid, paratype
9	Aphis cottieri	Aphis cottieri	Carver, M.	New Zealand	MC	nr Christchurch	Kaitorete Spit		-43.83365	172.50510		1998	11	19	Stufkens MAW, Teulon DAJ, Pawson SM	Muehlenbeckia complexa	Muehlenbeckia complexa	native aphid, paratype
1	Aphis cottieri	Aphis cottieri	Carver, M.	New Zealand	MC	Lake Ellesmere	Kaitorete Spit		-43.83365	172.50510		1999	6	3	Stufkens M	Muehlenbeckia complexa	Muehlenbeckia complexa	native aphid, paratypes
4	Aphis laburni	Aphis craccivora		New Zealand	WI		Palmerston North		-40.35000	175.60000		1929	12	16	Cottier, W.	broad bean	Vicia faba	
4	Aphis laburni	Aphis craccivora		New Zealand	SC		Temuka		-44.23788	171.29707		1929			Cottier, W.	potato	Solanum tuberosum	
6	Aphis laburni	Aphis craccivora		New Zealand	SC		Temuka		-44.23788	171.29707		1930	1		Cottier, W.	potato foliage	Solanum tuberosum	
2	Aphis laburni	Aphis craccivora		New Zealand								1930	2		Cottier, W.	potato foliage	Solanum tuberosum	
1	Aphis laburni	Aphis craccivora		New Zealand								1930	2		Cottier, W.	Solanum tuberosum	Solanum tuberosum	
2	Aphis laburni	Aphis craccivora		New Zealand	WI		Palmerston North		-40.35000	175.60000		1932	1	4	Cottier, W.	white clover	Trifolium	
1	Doralis medicaginis	Aphis craccivora	HRL 1933	New Zealand	WI		Palmerston North		-40.35000	175.60000		1932	1	4	Cottier, W.	white clover	Trifolium repens	
2		Aphis craccivora	KDL 1958	New Zealand	GB		Gisborne		-38.66667	178.01667		1933	12	17	Smith, H.C.			
3	Aphis laburni	Aphis craccivora		New Zealand	WI		Palmerston North		-40.35000	175.60000		1936	11	20	Cottier, W.	butter-bean	Fabaceae	
11	Aphis laburni	Aphis craccivora		New Zealand	MB		Blenheim		-41.50000	173.95000		1936	11	25	Chamberlain, F F	tares	Vicia	
26	Aphis laburni	Aphis craccivora		New Zealand	TK		Stratford		-39.33333	174.28333		1936	12	28	Cottier, W.	broad bean	Vicia faba	
1	Aphis laburni	Aphis craccivora		New Zealand	CO		Alexandra		-45.25167	169.38851	146m	1936	12	28	Nottage, I.L.			
11	Aphis laburni	Aphis craccivora		New Zealand	WI		Palmerston North		-40.35000	175.60000		1937	1	7	Cottier, W.	broad bean	Vicia faba	
10	Aphis laburni	Aphis craccivora		New Zealand	WI		Palmerston North		-40.35000	175.60000		1937	1	9	Cottier, W.	broad bean	Vicia faba	
1	Aphis laburni	Aphis craccivora		New Zealand	WI		Palmerston North		-40.35000	175.60000		1937	1	9	Cottier, W.	broad bean	Vicia faba	
5	Aphis laburni	Aphis craccivora		New Zealand	WI		Palmerston North		-40.35000	175.60000		1937	3	2	Chamberlain, F F	white clover in glasshouse	Trifolium	
7	Aphis laburni	Aphis craccivora		New Zealand	WI		Palmerston North		-40.35000	175.60000		1937	4	13	Cottier, W.	peas	Pisum	
10	Aphis laburni	Aphis craccivora		New Zealand	WI		Palmerston North		-40.35000	175.60000		1937	11	15	Cottier, W.	shepherds purse	Capsella bursa-pastoris	
11	Aphis laburni	Aphis craccivora		New Zealand	CO		Alexandra		-45.25167	169.38851	146m	1938	1	25	Nottage, I.L.			
5	Aphis laburni	Aphis craccivora		New Zealand	WA		Masterton		-40.93333	175.51667		1938	4	6	G.H. Perry & Co.	sub. cover	Trifolium	
12	Aphis laburni	Aphis craccivora		New Zealand	WI		Wanganui		-39.91667	175.03333		1938	11	15	Chamberlain, F F	broad bean	Vicia faba	
11	Aphis laburni	Aphis craccivora		New Zealand	MC		Lincoln		-43.64025	172.48428	8m	1939	1	13	Black, M.A.	Vicia pannonica	Vicia pannonica	
7	Aphis laburni	Aphis craccivora		New Zealand	MC		Lincoln		-43.64025	172.48428	8m	1939	1	13	Black, M.A.	Vicia sativa	Vicia sativa	
1	Aphis laburni	Aphis craccivora		New Zealand	MC		Lincoln		-43.64025	172.48428	8m	1939	1	18	Black, M.A.	runner bean	Phaseolus vulgaris	
3	Aphis laburni	Aphis craccivora		New Zealand	WI		Arapata Road?	Rangitikei River	-40.03517	175.48768		1943	12	25	Healy, A.J.	white clover	Trifolium	
1		Aphis craccivora	KP Lamb	New Zealand	AK	Auckland City	Auckland	P.P.D [Plant Diseases Division]	-36.89056	174.72756	36m	1956	11	5	Lamb, K.P.	trap 8		
1		Aphis craccivora	KP Lamb	New Zealand	AK	Auckland City	Auckland	P.P.D [Plant Diseases Division]	-36.89056	174.72756	36m	1956	11	20		tray 6		

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4		Aphis craccivora		New Zealand	MC		Ashburton		-43.88333	171.75000		1957	1	24	Lowe, A.D.	Cladospartium stevensoni	Cladospartium stevensoni	
1		Aphis craccivora	VFE 1967	New Zealand	AK	Auckland City	Auckland	P.P.D [Plant Diseases Division]	-36.89056	174.72756	36m	1957	2	18	Lamb, K.P.			
1		Aphis craccivora	KP Lamb	New Zealand	AK	Auckland City	Auckland	P.P.D [Plant Diseases Division]	-36.89056	174.72756	36m	1957	2			tray		
1		Aphis craccivora		New Zealand	AK	Auckland City	Auckland	P.P.D [Plant Diseases Division]	-36.89056	174.72756	36m	1957	8	5	Lamb, K.P.			
3		Aphis craccivora		New Zealand	AK	Auckland City	Auckland	P.P.D [Plant Diseases Division]	-36.89056	174.72756	36m	1959	1	13	Lamb, K.P.	clover culture	Trifolium	
1	Aphis craccivora	Aphis craccivora	Cottier	New Zealand														
2	Aphis craccivora	Aphis craccivora	W C[ottier]	New Zealand														
1		Aphis epilobii	VFE	New Zealand	MC		Christchurch		-43.53333	172.63333		1962	7	6	ADL	Epilobium adenocaulon	Epilobium adenocaulon	
7		Aphis gossypii		New Zealand	HB		Hastings		-39.63608	176.82443		1921	11	24	Myers, J.G.	mandarin	Citrus reticulata	
5		Aphis gossypii		New Zealand	HB		Hastings		-39.63608	176.82443		1921	11	26	Myers, J.G.	mandarin	Citrus reticulata	
1	Doralis gossypii	Aphis gossypii	HRL 1933	New Zealand	NN		Nelson	college garden	-41.26667	173.26667		1921	12		Gourlay, E.S.			
3		Aphis gossypii		New Zealand	AK	Auckland City	Auckland		-36.85000	174.75000		1922	5	29	Myers, J.G.	Meryta sinclairii	Meryta sinclairii	
6		Aphis gossypii		New Zealand	WI		Palmerston North		-40.35000	175.60000		1927			Cottier, W.	white clover in glasshouse	Trifolium	
3		Aphis gossypii		New Zealand	AK		Pukekohe		-37.20000	174.88333		1929	10	22	Cottier, W.	potato (Solanum tuberosum)	Solanum tuberosum	
2		Aphis gossypii		New Zealand	AK		Pukekohe		-37.20000	174.88333		1929	10	22	Cottier, W.	potato foliage	Solanum tuberosum	
4	Doralis gossypii	Aphis gossypii	HRL 1934	New Zealand	South Island							1929			Muggeridge, J.	pumpkin	Cucurbita	
4		Aphis gossypii		New Zealand	South Island							1929			Muggeridge, J.	pumpkin (Cucurbita pepo)	Cucurbita pepo	
1		Aphis gossypii		New Zealand	WI		Palmerston North		-40.35000	175.60000		1930	5	3	Cottier, W.	dock (Rumex sp.)	Rumex	
1	Doralis gossypii	Aphis gossypii	HRL 1933	New Zealand	WI		Palmerston North		-40.35000	175.60000		1931	4		Cottier, W.			
4		Aphis gossypii		New Zealand	WO		Hamilton	Pear. Orch. Inst	-37.78248	175.33102		1931	12					
1	Aphis gossypii	Aphis gossypii		New Zealand	WI		Palmerston North		-40.35000	175.60000		1932	1	4	Cottier, W.	white clover	Trifolium	
1		Aphis gossypii		New Zealand	NN		Nelson		-41.26667	173.26667		1932	11	5	Thorpe	apple	Malus pumila	
1		Aphis gossypii		New Zealand	NN		Nelson		-41.26667	173.26667		1932	11	20	Dallas, W.K.	delicious apple	Malus pumila	
1	Doralis gossypii	Aphis gossypii	HRL 1933	New Zealand	NN		Nelson		-41.26667	173.26667		1933	11	12	Dumbleton, L.J.	Albizia	Albizia	
2	Aphis gossypii?	Aphis gossypii		New Zealand	HB		Hastings		-39.63608	176.82443		1933	11	25	Adamson, N.J.	orange	Citrus	
2		Aphis gossypii		New Zealand	WI		Palmerston North		-40.35000	175.60000		1934	10	30	Cottier, W.	apple	Malus pumila	
8		Aphis gossypii		New Zealand	WI		Palmerston North		-40.35000	175.60000		1935	5		Dallas, W.K.	Cassia sp.	Cassia	
4		Aphis gossypii		New Zealand	WI		Palmerston North	glasshouse	-40.35000	175.60000		1936	6		Cottier, W.	melon	Cucurbita	
18		Aphis gossypii		New Zealand	WI		Palmerston North		-40.35000	175.60000		1936	7		Cottier, W.	melon	Cucurbita	
5		Aphis gossypii	Cottier	New Zealand	WI		Palmerston North		-40.35000	175.60000		1937	3	13	Cottier, W.	pumpkin	Cucurbita pepo	
5		Aphis gossypii		New Zealand	WI		Palmerston North		-40.35000	175.60000		1937	3	16	Cottier, W.	clover in glasshouse	Trifolium repens	
1		Aphis gossypii		New Zealand	NN		Motueka		-41.10132	173.00268		1937	5	24	Brittin, G.	Cassia sp.	Cassia	
6		Aphis gossypii		New Zealand	NN		Motueka		-41.10132	173.00268		1937	5	24	Brittin, G.	Cassia sp.	Cassia	
5	Aphis gossypii	Aphis gossypii		New Zealand	WI		Palmerston North		-40.35000	175.60000		1937	8	12	Proctor, C.	shepherd's purse	Capsella bursa-pastoris	
9		Aphis gossypii		New Zealand	MC		Christchurch		-43.53333	172.63333		1938	1	6	Chamberlain, F.F.	cucumber	Cucumis sativus	
1011		Aphis gossypii		New Zealand	GB		Gisborne		-38.81667	178.01667		1938	1	27	Chamberlain, F.F.	marrow	Cucurbita	
1		Aphis gossypii		New Zealand	CO		Alexandra		-45.25167	169.38851	146m	1938	1	27	Nottage, I.L.			
2		Aphis gossypii		New Zealand	AK	Auckland City	Auckland		-36.85000	174.75000		1938	5	19	Spiller, D.	puriri	Vitex lucens	
5		Aphis gossypii		New Zealand	AK	Auckland City	Auckland		-36.85000	174.75000		1943	7	15	Carter, M.W.	Pittosporum crassifolium		
2		Aphis gossypii		New Zealand	AK	Auckland City	Auckland		-36.85000	174.75000		1943	11	3	Carter, M.W.	Pittosporum crassifolium	Pittosporum crassifolium	
1		Aphis gossypii		New Zealand	AK	Auckland	Rangitoto I		-36.78333	174.88333		1944	9	16	Dingley, J.	Hebe salicifolia	Hebe salicifolia	
2	Aphis gossypii	Aphis gossypii		New Zealand	AK	Auckland City	Auckland		-36.85000	174.75000		1946	5	17	Proctor, C.	Lilium sp.	Lilium	
2		Aphis gossypii		New Zealand	AK	Auckland City	Auckland		-36.85000	174.75000		1947	7	17	Chamberlain, F.F.	Hibiscus	Hibiscus	
7		Aphis gossypii	KPL	New Zealand	AK	Auckland	Mangere		-36.96667	174.80000		1951	12	18	Lamb, K.P.	Gerbera flower	Gerbera	
1		Aphis gossypii		New Zealand	AK	Auckland City	Auckland	P.P.D [Plant Diseases Division]	-36.89056	174.72756	36m	1956	11	5	Lamb, K.P.	trap 7		
1	Aphis gossypii grp	Aphis gossypii		New Zealand	AK	Auckland City	Auckland	P.P.D [Plant Diseases Division]	-36.89056	174.72756	36m	1957	2	11	Lamb, K.P.	tray 3		
2		Aphis gossypii	KDL 1958	New Zealand	HB		Havelock North		-39.67223	176.87637		1957	11	3	Mckenzie, D.W.	Jonathan apple	Malus pumila	
14		Aphis gossypii		New Zealand	AK	Auckland	Mangere		-36.96667	174.80000		1957	12	19				
2		Aphis gossypii		New Zealand	AK	Auckland City	Auckland	P.P.D [Plant Diseases Division]	-36.89056	174.72756	36m	1958	11	24	Hunter, J.	apple lvs	Malus pumila	
1		Aphis gossypii		New Zealand	MC		Lincoln		-43.64025	172.48428	8m	1959	3	4	Close, R.	sticky trap		

mate	identification			location							date			collection	host				
	slide count	label det	species	det_by	country	admin1 / Crosby area	admin3	locality	site	lat	long	elevation	year	month	day	collector	label_host	stand_host	notes for database
1			Aphis gossypii		New Zealand	AU		Adams Island	N.E. Ridge Mt. Dick 1800'	-50.88333	166.03333		1966	2	1	Kuschel, G.	moss		
6			Aphis gossypii	Sunde	New Zealand	AK	Auckland City	Auckland	Mt Albert Research Centre	-36.89056	174.72756	36m	1979	11		Butcher, C.F.	Gardenia	Gardenia	
1			Aphis gossypii	Sunde	New Zealand	AK	Auckland City	Mt. Albert		-36.88333	174.71667		1986	5	2	Hebert, P.	Lantana	Lantana	
3			Aphis gossypii	CF Morales 1990	New Zealand	AK		Drury		-37.10000	174.93333		1990	11	7	Workman, P.	glasshouse cucumber	Cucumis sativus	
4			Aphis gossypii	CF Morales 1991	New Zealand	AK		Pukekohe	Pukekohe Res. Stn.	-37.204736°	174.86202	79m	1991	3	20	Martin, N.A.	greenhouse cucumber	Cucumis sativus	
2			Aphis gossypii	CF Morales 1991	New Zealand	AK		Mangere	Blackbridge Nursery	-36.96667	174.80000		1994	3	27	Martin, N.A.	cucumber	Cucumis sativus	
1			Aphis gossypii	Sunde 1994	New Zealand	AK	Waitakere		Panto Track	-36.98137	174.59892		1994	4	2	Martin, N.A.	Hebe stricta flower spikes	Hebe stricta	
1			Aphis gossypii	Henderson 1996	New Zealand	AK	Auckland City	Auckland	Mt Albert Research Centre	-36.89056	174.72756	36m	1994	4	26	Workman, P.	leaves of tamarillo	Solanum betaceum	
1			Aphis gossypii	Henderson	New Zealand	AK		Kumeu		-36.76667	174.55000		1995	3	6	Workman, P.	Chrysanthemum flower heads	Chrysanthemum	
2			Aphis gossypii	Sunde 1996	New Zealand	AK	Auckland City	Auckland	Mt Albert Research Centre	-36.89056	174.72756	36m	1996	9	10	Workman, P.	chysanthemum (insecticide resistant)	Chrysanthemum	
4			Aphis gossypii		New Zealand	NN		Nelson		-41.26667	173.26667					Dumbleton, L.J.	Escallonia	Escallonia	
1			Aphis gossypii		New Zealand	HB		Hastings		-39.63608	176.82443					Dumbleton, L.J.	mandarin	Citrus reticulata	
1	Aphis gossypii	Aphis gossypii			New Zealand														
2	Aphis healyi	Aphis healyi	Cottier W		New Zealand	NC	Waipara	Mt Cass nr		-43.089914	172.81		1943	5	16	Healy AJ	Carmichaelia subulata	Carmichaelia subulata	native aphid, type
19	Aphis healyi	Aphis healyi			New Zealand	NC		Hitchen Hills	Hurunui River	-42.875795°	172.97572	215m	1944	11	24	Healy AJ	Carmichaelia	Carmichaelia	native aphid
2		Aphis hederæ	CF Morales		New Zealand	AK		Waiatarua		-36.93060	174.57377		1990	11	4	Hill, M.G.	ivy	Hedera	
3		Aphis hederæ			New Zealand	AK		Glen Eden					1990	11	22	Martin, N.	Hedera	Hedera	
7		Aphis idaei			New Zealand	MC		Christchurch		-43.53333	172.63333		1966	5	26	Dept Agric	raspberry canes R.25	Rubus idaeus	
1	Aphis nelsonensis	Aphis nelsonensis	Cottier W		New Zealand	NN		Blenheim (sic)	[Whangamoia Saddle]	-41.226771	173.42006	212m	1946	11	25	Healy AJ	Epilobium	Epilobium	native aphid, type
6	Aphis	Aphis nerii			New Zealand	AK	Auckland City	Auckland		-36.85000	174.75000		1921	4	25	Meyers, J.G.	Oleander	Nerium oleander	
8	Doralis asclepiadis Pass.	Aphis nerii	W. Cottier		New Zealand	AK	Auckland City	Auckland		-36.85000	174.75000		1921	4	25		Oleander	Nerium oleander	
3	Aphis asclepiadis	Aphis nerii			New Zealand	NN		Nelson		-41.26667	173.26667		1930	6	11	Dumbleton, L.J.	Aust. Cotton?	Asclepias physocarpa	
9	Aphis nerii	Aphis nerii			New Zealand	NN		Nelson		-41.26667	173.26667		1930	6	11	Dumbleton, L.J.	Australian wild cotton	Asclepias physocarpa	
1	Doralis asclepiadis Pass.	Aphis nerii	HRL 1933		New Zealand	NN		Nelson		-41.26667	173.26667		1930	6	11	Dumbleton, L.J.	Australian wild cotton	Asclepias physocarpa	
4		Aphis nerii			New Zealand	NN		Nelson		-41.26667	173.26667		1930	12	11	Dumbleton, L.J.	Australian wild cotton	Asclepias physocarpa	
9	Aphis	Aphis nerii			New Zealand	AK	Auckland City	Auckland		-36.85000	174.75000		1938	1	2	Cottier, W.	swan plant	Asclepias physocarpa	
8	Aphis	Aphis nerii			New Zealand	AK	Auckland City	Auckland		-36.85000	174.75000		1938	1	2	Cottier, W.	swan plant	Asclepias physocarpa	
6	Aphis	Aphis nerii			New Zealand	AK	Auckland City	Auckland		-36.85000	174.75000		1938	2	26	Mouet, H.M.	swan plant	Asclepias physocarpa	
8	Aphis	Aphis nerii			New Zealand	AK	Auckland City	Auckland		-36.85000	174.75000		1939	4	29	Chamberlain, E.E.	Asclepias tuberosa	Asclepias physocarpa	
4	Aphis	Aphis nerii			New Zealand	AK	Auckland City	Auckland		-36.85000	174.75000		1939	7	28	Cooper	swan plant	Asclepias physocarpa	
1		Aphis nerii			New Zealand	AK		Owairaka		-36.88333	174.71667		1947	1		Taylor, G.G.	Gomphocarpus	Asclepias	
3		Aphis nerii	Cottier		New Zealand	WN			Dept of Ag.	-40.61667	175.28333		1951	12	17		Tweedia	Tweedia	
8		Aphis nerii	HRL 1957		New Zealand	AK	Auckland City	Auckland	Mount Albert	-36.89056	174.72756	36m	1956	11	26	Chamberlain, E.E.	Gomphocarpus fruticosus (swan plant)	Asclepias fruticosus	
8	Aphis nerii	Aphis nerii			New Zealand	AK	Auckl.	Mount Albert		-36.88333	174.71667		1956	11	26	Chamberlain, E.E.	Gomphocarpus fruticosus (swan plant)	Asclepias fruticosus	
1		Aphis nerii	KP Lamb 1965		New Zealand	AK	Auckland City	Auckland	P.P.D [Plant Diseases Division]	-36.89056	174.72756	36m	1960	11	28	Lamb, K.P.	sticky trap 2		
4	Aphis nerii	Aphis nerii	CF Butcher 1982		New Zealand	AK	Auckland	Birkenhead		-36.80000	174.71667		1982	1	11	Langworth, J.	Montana in house	Montana	
3	Aphis nerii	Aphis nerii	CF Moreales 1991		New Zealand	AK		Glen Eden					1991	2	12	Martin, N.	Pods Tweedia caerulea	Tweedia caerulea	
1		Aphis nerii			New Zealand	AK	Auckland City	Auckland		-36.85000	174.75000					Dumbleton, L.J.	oleander	Nerium oleander	
2	Aphis sedi	Aphis sedi			New Zealand	AK		Glen Eden		-36.91387	174.65055		1992	12	7	Martin, N.A.	house plant Kalanchoe tomentosa	Kalanchoe tomentosa	
6	Aphis citricola	Aphis spiraeicola	Sunde 1984		New Zealand	NN		Riwaka	Riwaka Res. Stn	-41.06667	172.98333		1984	1	17	Wearing, Ch.H.	on leaves of Pyrus pyrifolia	Pyrus pyrifolia	
3		Aphis spiraeicola			New Zealand	ND		Tapotupotu Bay	west bank stream	-34.43400	172.71418		2002	2	25	Henderson, R.C.	Parsonia capsularis shoots, curled leaves	Parsonia capsularis	
6	Geoica eragrostidis	Aploneura lentisci			New Zealand	WI		Palmerston North		-40.35000	175.60000		1936	9	19	Cottier, W.	grass roots		
2	Geoica eragrostidis	Aploneura lentisci			New Zealand	WI		Palmerston North		-40.35000	175.60000		1937	4	20	Cottier, W.	prairie grass roots		
2		Aploneura lentisci			New Zealand	WI		Palmerston North		-40.35000	175.60000		1937	7	23	Cottier, W.	grass roots		
5	Aploneura lentisci	Aploneura lentisci			New Zealand	WI		Palmerston North		-40.35000	175.60000		1937	8	16	Cottier, W.	grass roots		
5	Aploneura lentisci	Aploneura lentisci			New Zealand	WI		Palmerston North		-40.35000	175.60000		1937	8	21	Cottier, W.	buttercup roots	Ranunculus	
1	Aploneura lentisci	Aploneura lentisci	WC		New Zealand	AK	Auckland City		P.D.D.	-36.89056	174.72756	36m	1952	12		Bollard, E.G.	potted apple roots	Malus	
1	Aploneura lentisci	Aploneura lentisci			New Zealand	MC		Lincoln		-43.64025	172.48428	8m	1958	12	14	Close, R.	sticky trap		
1	Aploneura ?lentisci	Aploneura lentisci			New Zealand	MC		Darfield		-43.48317	172.11077		1958	12	18	Close, R.	sticky trap		
1	Aploneura lentisci	Aploneura lentisci			New Zealand	WI		Palmerston North	Himatangi Beach	-40.37500	175.23095		1968			Wigley, P.	roots		

mate	identification			location						date			collection	host				
slide count	label det	species	det_by	country	admin1 / Crosby area	admin3	locality	site	lat	long	elevation	year	month	day	collector	label_host	stand_host	notes for database
1	Aploneura lentisci	Aploneura lentisci	LL Deitz	New Zealand	AK		Mangere		-36.96667	174.80000		1978	11	16	Duder, R.	Mangere ryegrass seedlings		
1	?Aploneura lentisci	Aploneura lentisci		New Zealand	AK	Auckland City		Mt Albert Research Centre	-36.89056	174.72756	36m	2008	7	15	Martin, N.A.	Cardamine hirsuta? Roots	Cardamine hirsuta?	
2	Aploneura lentisci	Aploneura lentisci		New Zealand												buttercup roots	Ranunculus	
1	Aploneura lentisci	Aploneura lentisci	RG Sunde 1984	New Zealand	NN		Riwaka		-41.06667	172.98333					Brittin, G.	underground		
3	Myzus solani	Aulacorthum solani		New Zealand	AK	Auckland City	Auckland		-36.85000	174.75000		1921	10	27		sorrel	Rumex acetosa	
1	Myzus solani	Aulacorthum solani		New Zealand	HB		Hastings		-39.63608	176.82443		1921	11	24	Myers, J.G.	apple	Malus	
1	Myzus solani	Aulacorthum solani		New Zealand	HB		Hastings		-39.63608	176.82443		1921	11	24	Myers, J.G.	apple	Malus	
3	Myzus solani	Aulacorthum solani		New Zealand	WN		Wellington	Day's Bay	-41.26667	174.90000		1921	11	29	Myers, J.G.	Coprosma grandifolia	Coprosma grandifolia	
8	Myzus pseudosolani	Aulacorthum solani		New Zealand	TO		Tokaamu		-38.95000	175.75000		1927	12		Cottier, W.	Hydrangea	Hydrangea	
1	Myzus pseudosolani?	Aulacorthum solani		New Zealand	South Island							1929	1		Cottier, W.	potato foliage	Solanum tuberosum	
1	Myzus pseudosolani	Aulacorthum solani		New Zealand			[illeg]					1929	2	13	Cottier, W.	[illeg]		
3	Myzus pseud.	Aulacorthum solani		New Zealand	South Island							1929	2		Cottier, W.	potato	Solanum tuberosum	
1	Myzus pseudosolani	Aulacorthum solani		New Zealand	AK		Pukekohe	Campbell	-37.20000	174.88333		1929	5	26	Cottier, W.	dock growing in potato	Rumex	
4	Myzus solani	Aulacorthum solani		New Zealand	AK		Pukekohe		-37.20000	174.88333		1929	7	22	Cottier, W.	dock (Rumex) on leaves	Rumex	
1	Myzus pseudo.	Aulacorthum solani		New Zealand	AK		Pukekohe	Campbell	-37.20000	174.88333		1929	7	22	Cottier, W.	dock in paddock sown in potato	Rumex	
1	Myzus solani?	Aulacorthum solani		New Zealand	WI		Palmerston North		-40.35000	175.60000		1929	7	25	Cottier, W.	dock	Rumex	
1	Myzus pseudosolani	Aulacorthum solani		New Zealand	NN		Nelson		-41.26667	173.26667		1929	8	2	Dumbleton, J.	Digitalis sp.	Digitalis	
1	Myzus pseudosolani	Aulacorthum solani		New Zealand	AK		Pukekohe	Campbell	-37.20000	174.88333		1929	8	26	Cottier, W.	dock in paddock sown in potato	Rumex	
2	Myzus pseudosolani	Aulacorthum solani		New Zealand				P.R.S.				1929	8		Cottier, W.	from docks in potato growing area	Rumex	
1	Myzus solani	Aulacorthum solani		New Zealand	WI		Palmerston North		-40.35000	175.60000		1929	9	10	Cottier, W.	dock leaf	Rumex	
1	Myzus pseudosolani	Aulacorthum solani		New Zealand			[illeg]					1929	9	13	Cottier, W.	docks growing in potato area	Rumex	
6	Myzus solani	Aulacorthum solani		New Zealand	AK	Auckland City	Auckland	Rangitoto Is.	-36.85000	174.75000		1929	9	20	Cottier, W.	tobacco plant	Nicotiana tabacum	
1	Myzus solani	Aulacorthum solani		New Zealand	CO/SL		Lumsden		-45.74000	168.45462		1930	1	20	Cottier, W.	barberry	Berberis vulgaris	
5	Myzus solani	Aulacorthum solani		New Zealand	WI		Palmerston North		-40.35000	175.60000		1930	9	26	Cottier, W.	Buphthalmum sp. (ox-eye)	Heliopsis sp.	
3	Myzus solani	Aulacorthum solani		New Zealand	WI		Palmerston North		-40.35000	175.60000		1930	12	12	Cottier, W.	poppy	Papaver	
2	Aulacorthum solani	Aulacorthum solani	HRL 1933	New Zealand	WI		Palmerston North		-40.35000	175.60000		1930	12	12	Cottier, W.	sweet william	Dianthus barbatus	
3	Myzus solani	Aulacorthum solani		New Zealand	WI		Palmerston North		-40.35000	175.60000		1930	12	12	Cottier, W.	xmas lily	Lilium	
1	Myzus pseudosolani	Aulacorthum solani		New Zealand	WI		Palmerston North		-40.35000	175.60000		1930	12	14	Cottier, W.	Chrysanthemum	Chrysanthemum	
2	Myzus solani	Aulacorthum solani		New Zealand	WI		Palmerston North		-40.35000	175.60000		1930			Cottier, W.	nightshade	Solanum nigrum	
1	Myzus pseudosolani	Aulacorthum solani		New Zealand	WN		Tararuas		-42.06555	175.26252		1931	2	2	Cottier, W.	Coprosma grandifolia	Coprosma grandifolia	
3	Myzus solani	Aulacorthum solani		New Zealand	WN		Otaki Forks		-40.86732	175.22682		1931	2	5	Cottier, W.	foxglove	Digitalis	
1	Aulacorthum solani	Aulacorthum solani	HRL 1933	New Zealand	WI		Palmerston North		-40.35000	175.60000		1931	10	15	Cottier, W.	tiger lily	Lilium	
1	Myzus pseudosolani	Aulacorthum solani		New Zealand	NN		Nelson		-41.26667	173.26667		1931	10	19	Gourlay, E.S.	Pelargonium	Pelargonium	
2	Aulacorthum solani	Aulacorthum solani	HRL 1933	New Zealand	WI		Palmerston North		-40.35000	175.60000		1931	10	25	Cottier, W.	Ceonathus sp.	Ceonathus sp.	
1	Myzus solani	Aulacorthum solani		New Zealand	WI		Palmerston North		-40.35000	175.60000		1931	11	17	Cottier, W.	spinach	Spinacea oleracea	
1	Myzus pseudosolani	Aulacorthum solani		New Zealand	TK		Mt. Egmont		-39.29615	174.06367		1934	4		Chamberlain, F.F.	Celmisia glandulosa	Celmisia glandulosa	
3	Myzus solani	Aulacorthum solani		New Zealand	MB		Blenheim		-41.50000	173.95000		1936	11	25	Chamberlain, F.F.	french beans	Phaseolus vulgaris	
5	Myzus solani	Aulacorthum solani		New Zealand	WI		Palmerston North		-40.35000	175.60000		1936	11	26	Cottier, W.	hops	Humulus lupulus	
4	Myzus solani	Aulacorthum solani		New Zealand	WN		Hutt Valley		-41.16667	174.96667		1936	11	27	Chamberlain, F.F.	tomato	Solanum lycopersicum	
1	Aulacorthum solani	Aulacorthum solani		New Zealand	TK		Stratford		-39.33333	174.28333		1936	12	28	Cottier, W.	Solanum sp.	Solanum	
5	Aulacorthum solani/Myzus solani	Aulacorthum solani		New Zealand	WI		Palmerston North		-40.35000	175.60000		1937	2	11	Cottier, W.	dock	Rumex	
2	Myzus solani	Aulacorthum solani		New Zealand	RI	Pohangina Valley	Totara Reserve		-40.15000	175.85000		1937	3	7	Cottier, W.	lawyer (Rubus sp.)	Rubus	
2	Myzus solani	Aulacorthum solani		New Zealand	WN	Palmerston North	Turitea		-40.40565	175.65405		1937	3	14	Cottier, W.	Rhipogonum scandens	Rhipogonum scandens	
1	Myzus solani	Aulacorthum solani		New Zealand	WN	Palmerston North	Turitea		-40.40565	175.65405		1937	3	21	Cottier, W.	lawyer (Rubus sp.)	Rubus	
1	Myzus solani	Aulacorthum solani		New Zealand	WN	Palmerston North	Turitea		-40.40565	175.65405		1937	3	21	Cottier, W.	Mentha pulegium	Mentha pulegium	
3	Myzus solani	Aulacorthum solani		New Zealand	WI		Palmerston North		-40.35000	175.60000		1937	3	23	Chamberlain, F.F.	potato	Solanum tuberosum	
2	Myzus solani	Aulacorthum solani		New Zealand	MC		Christchurch		-43.53333	172.63333		1938	5	17	Cottier, K.	Cyclamen	Cyclamen	
4	Myzus solani	Aulacorthum solani		New Zealand	MC		Christchurch		-43.53333	172.63333		1938	5	17	Cottier, K.	Ranunculus lyalli	Ranunculus lyalli	
1	Myzus solani	Aulacorthum solani		New Zealand	AK	Auckland City	Auckland		-36.85000	174.75000		1939	9	19	Cottier, W.	Convolvulus	Convolvulus	

mate	identification			location								date			collection	host			
	slide count	label det	species	det_by	country	admin1 / Crosby area	admin3	locality	site	lat	long	elevation	year	month	day	collector	label host	stand host	notes for database
4	Macrosiphum solani	Aulacorthum solani			New Zealand	AK		Piha		-36.93333	174.46667		1939	11	27	Cottier, W.	Convolvulus	Convolvulus	
1	Aulacorthum solani	Aulacorthum solani			New Zealand	HB		Hastings		-39.63608	176.82443		1956	6		Dept. Agric.	Anemone	Anemone	
1	Aulacorthum solani	Aulacorthum solani	KPL/checked by W. Cottier		New Zealand	AK	Auckland City		P.D.D	-36.89056	174.72756	36m	1956	7	14	Lamb, K.P.	sticky trap		
1	Aulacorthum solani	Aulacorthum solani			New Zealand	AK	Auckland City		P.D.D	-36.89056	174.72756	36m	1956	9	24		trap		
1	Aulacorthum solani	Aulacorthum solani			New Zealand	AK	Auckland City		P.D.D	-36.89056	174.72756	36m	1956	9	26		trap		
1	Aulacorthum solani	Aulacorthum solani	KPL		New Zealand	AK	Auckland City		P.D.D	-36.89056	174.72756	36m	1958	10	1	Lamb, K.P.	sticky trap		
2	Aulacorthum solani	Aulacorthum solani			New Zealand	MC		Lincoln		-43.64025	172.48428	8m	1958	11	25		trap		
1	Aulacorthum solani	Aulacorthum solani			New Zealand	MC		Lincoln		-43.64025	172.48428	8m	1959	11	15		trap		
3	Aulacorthum solani	Aulacorthum solani			New Zealand	MC		Christchurch		-43.53333	172.63333		1960	5	26	Dept. Agric.	raspberry canes	Rubus idaeus	
4	A. solani	Aulacorthum solani			New Zealand	WI		Palmerston North	Harrison's	-40.35000	175.60000		1960	10	6		Hoya carnosa	Hoya carnosa	
2	Aulacorthum solani	Aulacorthum solani			New Zealand	MC		Tai Tapu		-43.65000	172.53333		1962	10	30	Smith, H.C.	Massey peas	Pisum sativum	
1	Aulacorthum solani?	Aulacorthum solani			New Zealand	CA	Campbell Is.	Tucker Cove		-52.55000	169.13333		1963	2	1	Rennell, K.	lichens on Dracophyllum;		
1	Aulacorthum solani	Aulacorthum solani			New Zealand	CA	Campbell Is.	Venus Cove		-52.56667	169.13333		1963	2	2	Rennell, K.	tussock		
2	Aulacorthum solani	Aulacorthum solani			New Zealand	MC		Lincoln		-43.64025	172.48428	8m	1963	3	7	Harrison, R.A.	white clover	Trifolium repens	
1	Aulacorthum solani?	Aulacorthum solani			New Zealand	CA		Shoal Pt.	0-10m	-52.55000	169.18333		1963	10	7	Rennell, K.			
1	Aulacorthum solani	Aulacorthum solani			New Zealand	NN		Appleby	Appleby Research Orchard	-41.28333	173.08333		1963	11	28		Delicious B.	Malus	
1	Aulacorthum solani	Aulacorthum solani			New Zealand	AU		Adams I.	Fairchild's garden	-50.83333	165.91667		1966	2	2		birds nest		
2	Aulacorthum solani	Aulacorthum solani			New Zealand	CA	Campbell Is.	Tucker Cove		-52.55000	169.13333		1969	1	20		sweeping Ranunculus repens	Ranunculus repens	
2	Aulacorthum solani	Aulacorthum solani			New Zealand	AN		Reef Pt.	8 Beach	-49.69537	178.77874		1969	2	6		plants		
2	Aulacorthum solani	Aulacorthum solani			New Zealand	AN		Reef Pt.	Stella Bay	-49.69537	178.77874		1969	2	26		plants		
1	Aulacorthum solani	Aulacorthum solani			New Zealand	AN		Reef Pt.		-49.69537	178.77874		1969	2	28		plants		
1	Acyrtosiphon solani	Aulacorthum solani	J Johannesson		New Zealand	AK		Oratia	Endt	-36.91667	174.61667		1975	10	14		kiwifruit	Actinidia	
2	Aulacorthum solani	Aulacorthum solani	RG Sunde		New Zealand	AK	Auckland City	Henderson	Bruce McLaren Rd., Fruit Research Orchard	-36.89743	174.61708		1978	10	13	Tocker, M.F.	leaf, Pyrus communis	Pyrus communis	
3	Aulacorthum solani	Aulacorthum solani			New Zealand	AK		Pt. Chevalier		-36.86593	174.70358		1979	9	23	Maddison, P.A.	leaves of Lycopersicon	Lycopersicon	
2	Aulacorthum solani	Aulacorthum solani	RG Sunde 1986		New Zealand	AK		Waikowhai	Captains Bush	-36.93333	174.73333		1986	9	22	Berry, J.	Metrosideros excelsa buds	Metrosideros excelsa	
1	Aulacorthum solani	Aulacorthum solani	CF Morales 1987		New Zealand	AK		Kumeu	Kumeu Research Orchard	-36.76667	174.55000		1987	10	7	Holt, V.	Citrus	Citrus	
1	Aulacorthum solani	Aulacorthum solani	CF Morales 1991		New Zealand	CH	Chatham Is.			-44.00000	176.50000		1991	3	10	Morales, C.F.	tomato	Solanum lycopersicum	
3	Aulacorthum solani	Aulacorthum solani	RC Henderson 1996		New Zealand	AK	Auckland City	Auckland		-36.85000	174.75000		1996	10	24	Workman, P.	lettuce leaves	Lactuca sativa	
1	Myzus pseudosolani	Aulacorthum solani			New Zealand	WN		Akatarawas		-40.96667	175.10000					Chamberlain, F.F.	Cardamine heterophylla	Cardamine heterophylla	
4	Aulacorthum solani	Aulacorthum solani			New Zealand				imported from NZ to Fiji							O'Connor, B.A.	lettuce	Lactuca	
1	Aulacorthum solani	Aulacorthum solani			New Zealand												litter		
1	Aulacorthum solani	Aulacorthum solani			New Zealand												litter		
1	Aulacorthum solani	Aulacorthum solani			New Zealand												lucerne	Medicago sativa	
1	Aulacorthum solani	Aulacorthum solani			New Zealand												nest debris		
2	Aulacorthum solani	Aulacorthum solani			New Zealand												plants		
1	Myzus solani	Aulacorthum solani			New Zealand	WI		Palmerston North		-40.35000	175.60000					Cottier, W.	sowthistle	Sonchus oleraceus	
2	Aulacorthum solani	Aulacorthum solani	WC		New Zealand				HE 6. 10 paddock										
1	Myzus pelargonii	Aulacorthum solani			New Zealand											Gourlay, E.S.			
1	Myzus solani	Aulacorthum solani			New Zealand	NN		Nelson		-41.26667	173.26667					Gourlay, E.S.			
6	Myzocallis minimus	Betulaphis quadrituberculatus			New Zealand	NN		Nelson		-41.26667	173.26667		1929	11		Clark, A.F.	Betula alba	Betula pendula	
2	Calaphis betulaecolens	Betulaphis quadrituberculatus			New Zealand	NN		Nelson		-41.26667	173.26667		1929	11		Clark, A.F.	Betula alba	Betula pendula	
23	Myzocallis minimus	Betulaphis quadrituberculatus	AW McK. H. 1932		New Zealand	WN		Wellington		-41.28333	174.76667		1930	5	1	Entrican, A.R.	Betula alba	Betula pendula	
8	Callipterus betulaecolens	Betulaphis quadrituberculatus			New Zealand	WN		Wellington		-41.28333	174.76667		1930	5	1	Entrican, N.R.	Betula alba	Betula pendula	
2	Myzocallis betulae	Betulaphis quadrituberculatus			New Zealand	SD		Pelorus Sound		-41.26138	173.79105		1948	3	9	Parrot, A.W.	Betula alba	Betula pendula	
1	Calaphis betulaecolens	Betulaphis quadrituberculatus			New Zealand	NN		Nelson		-41.26667	173.26667					Dumbleton, L.J.	Betula alba	Betula pendula	
1	Brachycaudus ?prunicola	Brachycaudus			New Zealand	AK	Auckland City		P.D.D	-36.89056	174.72756	36m	1957	1	30	Lamb, K.P.	tray		
1	Anuraphis helichrysi	Brachycaudus helichrysi			New Zealand	MB		Blenheim		-41.50000	173.95000		1921	3	14		red clover	Trifolium pratense	

mate	identification			location						date			collection	host				
slide count	label det	species	det_by	country	admin1 / Crosby area	admin3	locality	site	lat	long	elevation	year	month	day	collector	label_host	stand_host	notes for database
4	Anuraphis helichrysi	Brachycaudus helichrysi		New Zealand	WN		Wellington		-41.28333	174.76667		1921	6	1		maize	Zea mays	
2	Aphis helichrysi	Brachycaudus helichrysi		New Zealand	WN		Wellington		-41.28333	174.76667		1922	9	22	Moore, C.	Senecio haartii	Senecio haartii	
1	Anuraphis helichrysi	Brachycaudus helichrysi		New Zealand	WI		Palmerston North		-40.35000	175.60000		1929	9	10	Cottier, W.	Chrysanthemum	Chrysanthemum	
1	Anuraphis helichrysi?	Brachycaudus helichrysi		New Zealand	AK		Rangitoto Is., Auckland		-36.78333	174.85000		1929	9	20	Cottier, W.	tobacco plant	Nicotiana tabacum	
3	Anuraphis helichrysi	Brachycaudus helichrysi	W. McK. 1932	New Zealand	WI		Palmerston North		-40.35000	175.60000		1929	9	30	Cottier, W.	Chrysanthemum	Chrysanthemum	
5	Anuraphis helichrysi	Brachycaudus helichrysi	W. McK. 1932	New Zealand	WI		Palmerston North		-40.35000	175.60000		1929	10	7	Cottier, W.	ox-eye daisy	Leucanthemum vulgare	
1	Brachycaudus helichrysi	Brachycaudus helichrysi		New Zealand	AK		Pukekohe		-37.20000	174.88333		1929	10	22	Cottier, W.	potato foliage	Solanum tuberosum	
7	Anuraphis helichrysi	Brachycaudus helichrysi	W. McK. 1932	New Zealand	WO		Hamilton		-37.76667	175.26667		1929	11	1	Muggeridge, J.	ragwort, clustered on flower steom	Senecio jacobaea	
1	Anuraphis helichrysi?	Brachycaudus helichrysi		New Zealand	SL		Balclutha		-46.24129	169.73047		1930	1	24	Cottier, W.	California thistle	Cirsium arvense	
2	Anuraphis helichrysi	Brachycaudus helichrysi		New Zealand	TO		Taihape		-39.67410	175.80545		1930	3		Cottier, W.	California thistle	Cirsium arvense	
4	Brachycaudus helichrysi	Brachycaudus helichrysi	HRL 1933	New Zealand	WI		Palmerston North		-40.35000	175.60000		1930	3		Cottier, W.	ragwort	Senecio jacobaea	
14	Anuraphis helichrysi	Brachycaudus helichrysi		New Zealand	WI		Palmerston North		-40.35000	175.60000		1930	4	13	Cottier, W.	Chrysanthemum	Chrysanthemum	
2	Anuraphis helichrysi	Brachycaudus helichrysi		New Zealand	WI		Palmerston North		-40.35000	175.60000		1930	4	18	Cottier, W.	Chrysanthemum	Chrysanthemum	
2	Anuraphis helichrysi	Brachycaudus helichrysi	W. McK. 1932	New Zealand	WI		Palmerston North		-40.35000	175.60000		1930	12	12	Cottier, W.	Salpiglossis	Salpiglossis	
1	Anuraphis helichrysi	Brachycaudus helichrysi	W. McK. 1932	New Zealand	WI		Palmerston North		-40.35000	175.60000		1930	12	12	Cottier, W.	Salpiglossis or double forget-me-not		
2	Brachycaudus helichrysi	Brachycaudus helichrysi		New Zealand	WI		Palmerston North		-40.35000	175.60000		1930	12	14	Cottier, W.	Chrysanthemum	Chrysanthemum	
2	Brachycaudus helichrysi	Brachycaudus helichrysi	HRL 1933	New Zealand	WI		Palmerston North	Esplanade	-40.35000	175.60000		1931	1	15	Cottier, W.	thistle-like plant	Asteraceae	
14	Brachycaudus helichrysi	Brachycaudus helichrysi	HRL 1933	New Zealand	CO		Otago					1931	1		Tennent, W.B.	red clover	Trifolium pratense	
5	Anuraphis helichrysi	Brachycaudus helichrysi	W. McK. 1932	New Zealand	WI		Palmerston North		-40.35000	175.60000		1931	5	4	Cottier, W.	sunflower	Helianthus	
3	Anuraphis helichrysi	Brachycaudus helichrysi	W. McK. 1932	New Zealand	WI		Palmerston North		-40.35000	175.60000		1931	11	1	Cottier, W.	Cineraria	Senecio	
1	Anuraphis helichrysi	Brachycaudus helichrysi	W. McK. 1932	New Zealand	NN		Nelson		-41.26667	173.26667		1931	11	12	Dumbleton, L.J.	Albizia	Albizia	
1	Brachycaudus helichrysi	Brachycaudus helichrysi	HRL 1933	New Zealand	WI		Palmerston North		-40.35000	175.60000		1932	3	14	Cottier, W.	plum	Prunus	
5	Anuraphis helichrysi	Brachycaudus helichrysi		New Zealand	WI		Palmerston North		-40.35000	175.60000		1932	12	17	Birch, T.C.	cornflower	Centaurea	
6	Anuraphis helichrysi	Brachycaudus helichrysi		New Zealand	CO		Central Otago					1936	4	2	Smith, J.W.	red clover	Trifolium pratense	
2	Anuraphis helichrysi	Brachycaudus helichrysi		New Zealand	OL		Queenstown		-45.01667	168.65000		1936	4		Smith, J.W.	red clover	Trifolium pratense	
2	Anuraphis helichrysi	Brachycaudus helichrysi		New Zealand	WI		Palmerston North		-40.35000	175.60000		1936	12	9	Chamberlain, F.F.	Chrysanthemum	Chrysanthemum	
3	Brachycaudus helichrysi	Brachycaudus helichrysi		New Zealand	WI		Palmerston North		-40.35000	175.60000		1936	12	9	Chamberlain, F.F.	Chrysanthemum	Chrysanthemum	
1	Anuraphis helichrysi	Brachycaudus helichrysi		New Zealand	WI		Palmerston North	glasshouse	-40.35000	175.60000		1936	12	29	Chamberlain, F.F.	Cineraria		
3	Anuraphis helichrysi	Brachycaudus helichrysi		New Zealand	WI		Palmerston North	glasshouse	-40.35000	175.60000		1936	12	29	Chamberlain, F.F.	Cineraria	Cineraria	
1	Anuraphis helichrysi	Brachycaudus helichrysi		New Zealand	RI		Totara reserve		-40.11667	175.83333		1937	3	7	Cottier, W.	Chrysanthemum leucanthemum	Leucanthemum vulgare	
1	Brachycaudus helichrysi	Brachycaudus helichrysi		New Zealand	RI	Pohangina Yellow	Totara Reserve		-40.15000	175.85000		1937	3	7	Cottier, W.	Chrysanthemum leucanthemum	Chrysanthemum leucanthemum	
1	Anuraphis helichrysi	Brachycaudus helichrysi		New Zealand	WI		Palmerston North		-40.35000	175.60000		1937	11	10	Reid, W.D.	Chrysanthemum	Chrysanthemum	
13	Anuraphis helichrysi	Brachycaudus helichrysi		New Zealand	WI		Palmerston North		-40.35000	175.60000		1937	11	10	Reid, W.J.	Chrysanthemum	Chrysanthemum	
1	Anuraphis helichrysi	Brachycaudus helichrysi		New Zealand	MB		Blenheim		-41.50000	173.95000		1937	11	25	Hursthouse, H.F.	red clover	Trifolium	
1	Anuraphis helichrysi	Brachycaudus helichrysi		New Zealand	MB		Blenheim		-41.50000	173.95000		1937	11	25	Hursthouse, H.F.	red clover	Trifolium pratense	
4	Brachycaudus helichrysi	Brachycaudus helichrysi		New Zealand	MB		Blenheim		-41.50000	173.95000		1937	11	25	Hursthouse, A.P.	red clover	Trifolium pratense	
1	Anuraphis helichrysi?	Brachycaudus helichrysi		New Zealand	WN		Wellington	Otari-Wiltons Bush	-41.26690	174.75692		1937	12	5	Davey	Aciphylla squarrosa	Aciphylla squarrosa	
2	Anuraphis helichrysi	Brachycaudus helichrysi		New Zealand	WI		Palmerston North		-40.35000	175.60000		1937	12	8	Proctor, C.	groundsel	Senecio	
3	Anuraphis helichrysi	Brachycaudus helichrysi		New Zealand	CO		Alexandra		-45.25167	169.38851	146m	1939	2		Chamberlain, F.F.	Senecio haartii	Senecio haartii	
6	Anuraphis helichrysi?	Brachycaudus helichrysi	WC	New Zealand	SL		Gore		-46.08333	168.93333		1946	3	11	Thorston, W.G.	sweet yellow lupin	Lupinus	
1	Anuraphis helichrysi	Brachycaudus helichrysi		New Zealand	SL		Gore		-46.08333	168.93333		1946	6	11	Thurston, W.	sweet yellow lupin	Lupinus	
1	Anuraphis helichrysi	Brachycaudus helichrysi		New Zealand	WD		Bruce Bay, Westland		-43.75000	169.58333		1946	12	7	Carter, M.W.	Erechtites sp.	Erechtites	
5	Anuraphis helichrysi	Brachycaudus helichrysi		New Zealand	MC		Ashburton		-43.88333	171.75000		1947	1	6	Kelsey, J.	mont red clover	Trifolium pratense	
3	Anuraphis helichrysi	Brachycaudus helichrysi		New Zealand	CO		Roxburgh		-45.53333	169.30000		1947	12	5	Talbot, M.	plum	Prunus	
1	Brachycaudus helichrysi	Brachycaudus helichrysi		New Zealand	AK	Auckland City	Mt. Albert		-36.88333	174.71667		1953	12	30		Tweedia	Tweedia	
1	Brachycaudus helichrysi	Brachycaudus helichrysi		New Zealand	AK	Auckland City	Auckland	P.P.D [Plant Diseases Division]	-36.89056	174.72756	36m	1956	10	5	Lamb, K.P.	trap		
1	Brachycaudus helichrysi	Brachycaudus helichrysi		New Zealand	MC		Lincoln		-43.64025	172.48428	8m	1957	11	15		trap		
2	Brachycaudus helichrysi	Brachycaudus helichrysi	KPL	New Zealand	AK	Auckland City	Auckland	P.P.D [Plant Diseases Division]	-36.89056	174.72756	36m	1957	12	11	Lamb, K.P.	trays		
1	Brachycaudus helichrysi	Brachycaudus helichrysi	KPL	New Zealand	AK	Auckland City	Auckland	P.P.D [Plant Diseases Division]	-36.89056	174.72756	36m	1957	24	8	Lamb, K.P.	trap		
1	Brachycaudus helichrysi	Brachycaudus helichrysi		New Zealand	AU		Ocean I.		-50.51667	166.26667		1961	12	24	Kuschel, G.			

mate	identification			location					date			collection	host						
	slide count	label det	species	det_by	country	admin1 / Crosby area	admin3	locality	site	lat	long	elevation	year	month	day	collector	label_host	stand_host	notes for database
1	1	Brachycaudus helichrysi	Brachycaudus helichrysi		New Zealand	CA		Shoal Pt.		-52.55000	169.18333	0-10m	1962	7	29	Rennell, K.			
1	1	Brachycaudus helichrysi	Brachycaudus helichrysi		New Zealand	CA		Shoal Pt.		-52.55000	169.18333		1962	12	1	Rennell, K.	tussock		
1	1	Brachycaudus helichrysi	Brachycaudus helichrysi		New Zealand	AU		Crozier Pt.		-50.53333	166.28333		1962	12	30	Kuschel, G.			
1	1	Brachycaudus helichrysi	Brachycaudus helichrysi		New Zealand	CA		Shoal Pt.		-52.55000	169.18333		1963	2	7	Wise, K.A.J.	Tillaea on shore rock - berlese	Tillaea	
1	1	Brachycaudus helichrysi	Brachycaudus helichrysi		New Zealand	CA		Monument Harbour	nr. beach	-52.60000	169.15000		1963	2	9	Wise, K.A.J.	berlese		
1	1	Brachycaudus helichrysi	Brachycaudus helichrysi		New Zealand	CA		Filhol Peak	CA 213 M	-52.56667	169.13333		1963	2	9	Wise, K.A.J.	berlese		
1	1	Brachycaudus helichrysi	Brachycaudus helichrysi		New Zealand	CA		Shoal Pt.		-52.55000	169.18333		1963	10	7	Wise, K.A.J.	berlese		
1	1	Brachycaudus helichrysi	Brachycaudus helichrysi		New Zealand	SN		Station Pt.					1967	1	4	PMV			
1	1	Brachycaudus helichrysi	Brachycaudus helichrysi		New Zealand	AN		Reef Pt.		-49.69537	178.77874		1969	1	31		sweeping near pool behind hut		
1	1	Brachycaudus helichrysi	Brachycaudus helichrysi		New Zealand	AN		Reef Pt.		-49.69537	178.77874		1969	2	6	Kuschel, G.	Sonchus oleraceus	Sonchus oleraceus	
8	8	Brachycaudus helichrysi	Brachycaudus helichrysi		New Zealand	AN		South Coast		-49.70000	178.78333		1969	2	26	Kuschel, G.	coastal plants		
2	2	Brachycaudus helichrysi	Brachycaudus helichrysi		New Zealand	AN		Reef Pt.		-49.69537	178.77874		1969	2	28	Kuschel, G.			
1	1	Brachycaudus helichrysi	Brachycaudus helichrysi		New Zealand	AN		Reef Pt.		-49.69537	178.77874		1969	2	28	Kuschel, G.			
1	1	Brachycaudus helichrysi	Brachycaudus helichrysi	KPL	New Zealand	AK	Auckland City	Auckland	P.P.D [Plant Diseases]	-36.89056	174.72756	36m	1986	9	26	Lamb, K.P.	trap		
5	5	Brachycaudus helichrysi	Brachycaudus helichrysi		New Zealand	CO		Alexandra	Clyde Research Orchard	-45.18333	169.31667		1987	12	4	McLaren, J.	Prunus domestica leaves	Prunus domestica	
5	5	Brachycaudus helichrysi	Brachycaudus helichrysi		New Zealand	BP		Te Puke		-37.77198	176.31712				Dumbleton, L.J.	malforming leaves of ragwort	Senecio jacobaea		
1	1	Aphis helichrysi	Brachycaudus helichrysi	Imp. Bur.	New Zealand	MB		Blenheim		-41.50000	173.95000				Dumbleton, L.J.	red clover	Trifolium pratense		
1	1	Brachycaudus helichrysi	Brachycaudus helichrysi		New Zealand										Kuschel, G.				
10	10	Anuraphis persicae-niger	Brachycaudus persicae		New Zealand	MC		Governor's Bay		-43.61667	172.63333		1922	11	10	Myers, J.G.	peach	Prunus	
3	3	Brachycaudus schwartzi	Brachycaudus persicae		New Zealand	WI		Palmerston North		-40.35000	175.60000		1929	9	20	Cottier, W.	peach	Prunus	
1	1	Brachycaudus schwartzi	Brachycaudus persicae		New Zealand	AK	Auckland City	Auckland		-36.85000	174.75000		1929	9	20	Cottier, W.	peach (Amygdalus persica)	Prunus persica	
6	6	Anuraphis persicae-niger	Brachycaudus persicae		New Zealand	WI		Palmerston North		-40.35000	175.60000		1931	12	1	Cottier, W.	nectarine	Prunus	
2	2	Anuraphis persicaeniger	Brachycaudus persicae		New Zealand	CO		Alexandra		-45.25167	169.38851	146m	1934	4	10	Williams, W.R.L.	peach	Prunus persica	
1	1	Aphis persicae-niger	Brachycaudus persicae		New Zealand	WI		Palmerston North		-40.35000	175.60000		1934	11	6	Watt, J.	nectarine	Prunus	
2	2	Aphis persicae-niger	Brachycaudus persicae		New Zealand	WI		Feldding		-40.21667	175.56667		1937	11	5	Cottier, W.	peach	Prunus	
13	13	Anuraphis persicae-niger	Brachycaudus persicae		New Zealand	CO		Alexandra		-45.25167	169.38851	146m	1937	11	10	Williams, W.R.L.	peach	Prunus	
5	5	Anuraphis persicae-niger	Brachycaudus persicae		New Zealand	AK	Auckland City	Auckland		-36.85000	174.75000		1938	10	13	Cottier, W.	peach	Prunus	
2	2	Anuraphis persicae-niger	Brachycaudus persicae		New Zealand	ND		Kerikeri		-35.22446	173.95110		1948	10	21	Cottier, W.	peach	Prunus	
1	1	Brachycaudus persicae-niger	Brachycaudus persicae	KPL	New Zealand	AK	Auckland City		P.D.D	-36.89056	174.72756	36m	1960	11	28	Lamb, K.P.	sticky trap		
1	1	Anuraphis persicae-niger	Brachycaudus persicae		New Zealand	AK		Sandringham		-36.89392	174.73170		1966	10	17	Hair, J.	plum tree	Prunus	
1	1	Aphis persicae-niger	Brachycaudus persicae	Imp. Bur.	New Zealand	MC		Governor's Bay		-43.61667	172.63333						peach	Prunus	
5	5	Anuraphis persicae-niger	Brachycaudus persicae		New Zealand												peach	Prunus	
1	1	Brachycaudus schwartzi?	Brachycaudus persicae		New Zealand	WI		Palmerston North		-40.35000	175.60000						peach	Prunus	
1	1	Brachycaudus schwartzi	Brachycaudus persicae		New Zealand	WI		Palmerston North		-40.35000	175.60000					Cottier, W.	plum	Prunus	
4	4	persicae-niger?	Brachycaudus persicae		New Zealand														
5	5	Brachycaudus prunicola	Brachycaudus prunicola		New Zealand	WI		Palmerston North		-40.35000	175.60000		1931	11	17	Cottier, W.	plum	Prunus	
7	7	Brachycaudus prunicola	Brachycaudus prunicola		New Zealand	WO		Hamilton		-37.76667	175.26667		1937	11	5	Absolum	peach	Prunus	
1	1	Brachycaudus prunicola	Brachycaudus prunicola		New Zealand	AK	Auckland City		P.D.D	-36.89056	174.72756	36m	1956	10	8	Lamb, K.P.	trap		
1	1	Brachycaudus prunicola	Brachycaudus prunicola	KPL 1957	New Zealand	AK	Auckland City		P.D.D	-36.89056	174.72756	36m	1956	11	5	Lamb, K.P.	trap		
6	6	Brevicoryne brassicae	Brevicoryne brassicae		New Zealand	WI		Palmerston North		-40.35000	175.60000		1921	3	27	Meyers, J.G.	swede & turnip	Brassica napobrassica	
4	4	Brevicoryne brassicae	Brevicoryne brassicae		New Zealand	WI		Palmerston North		-40.35000	175.60000		1925	11	14	Tetley	wild turnip	Brassica	
1	1	Brevicoryne brassicae	Brevicoryne brassicae		New Zealand	WI		Palmerston North		-40.35000	175.60000		1927	2	19	Cottier, W.	rape (Brassica)	Brassica rapa	
2	2	Brevicoryne brassicae	Brevicoryne brassicae		New Zealand								1929			Cottier, W.	potato (Solanum tuberosum)	Solanum tuberosum	
2	2	Brevicoryne brassicae	Brevicoryne brassicae	HRL 1933	New Zealand	WI		Palmerston North		-40.35000	175.60000		1930	2		Cottier, W.	swede	Brassica napobrassica	
4	4	Brevicoryne brassicae	Brevicoryne brassicae		New Zealand	WI		Palmerston North		-40.35000	175.60000		1930	6	5	Cottier, W.	swede	Brassica napobrassica	
2	2	Brevicoryne brassicae	Brevicoryne brassicae	HRL 1933	New Zealand	WI		Palmerston North		-40.35000	175.60000		1930	6		Cottier, W.	swede	Brassica napobrassica	
1	1	Brevicoryne brassicae	Brevicoryne brassicae	HRL 1933	New Zealand	WI		Palmerston North		-40.35000	175.60000		1932	2	23	Cottier, W.	caught in web on apple tree		
1	1	Brevicoryne brassicae	Brevicoryne brassicae		New Zealand	WI		Palmerston North		-40.35000	175.60000		1932	3	14	Cottier, W.	plum	Prunus	
5	5	Brevicoryne brassicae	Brevicoryne brassicae		New Zealand	WI		Palmerston North		-40.35000	175.60000		1933	5	12	Dallas, W.K.	swede	Brassica napobrassica	
8	8	Brevicoryne brassicae	Brevicoryne brassicae		New Zealand	WI		Palmerston North		-40.35000	175.60000		1936	12	12	Cottier, W.	rape flower head	Brassica napobrassica	
6	6	Brevicoryne brassicae	Brevicoryne brassicae		New Zealand	HB		Hastings		-39.63608	176.82443		1937	1	8	Todd, J.	rape	Brassica napus	

mate	identification			location								date			collection	host			
	slide count	label det	species	det_by	country	admin1 / Crosby area	admin3	locality	site	lat	long	elevation	year	month	day	collector	label_host	stand_host	notes for database
3	Brevicoryne brassicae	Brevicoryne brassicae			New Zealand	DN		Dunedin		-45.86667	170.50000		1937	2	8	Jaxby, s.H.	rape	Brassica napus	
6	Brevicoryne brassicae	Brevicoryne brassicae			New Zealand	WI		Palmerston North		-40.35000	175.60000		1937	2	24	Cottier, W.	wild turnip	Brassica	
5	Brevicoryne brassicae	Brevicoryne brassicae			New Zealand	WI		Palmerston North		-40.35000	175.60000		1937	2	24	Cottier, W.	wild turnip	Brassica	
1	Brevicoryne brassicae	Brevicoryne brassicae			New Zealand	TK		Stratford		-39.33333	174.28333		1937	2	29	Cottier, W.	turnips	Brassica rapa	
10	Brevicoryne brassicae	Brevicoryne brassicae			New Zealand	WI		Palmerston North	glasshouse	-40.35000	175.60000		1937	3	13	Cottier, W.	rape	Brassica napobrassica	
5	Brevicoryne brassicae	Brevicoryne brassicae			New Zealand	WI		Palmerston North		-40.35000	175.60000		1937	3	19	Davey	cabbage	Brassica oleracea	
10	Brevicoryne brassicae	Brevicoryne brassicae			New Zealand	WI		Palmerston North		-40.35000	175.60000		1937	3	22	Cottier, W.	cabbage	Brassica oleracea	
15	Brevicoryne brassicae	Brevicoryne brassicae			New Zealand	TK		Stratford		-39.33333	174.28333		1937	3	29	Cottier, W.	turnips	Brassica rapa	
11	Brevicoryne brassicae	Brevicoryne brassicae			New Zealand	TK		Stratford		-39.33333	174.28333		1937	5	22	Cottier, W.	turnip seed trap	Brassica rapa	
7	Brevicoryne brassicae	Brevicoryne brassicae			New Zealand	WI		Palmerston North		-40.35000	175.60000		1937	11	15	Cottier, W.	soft turnip	Brassica rapa	
5	Brevicoryne brassicae	Brevicoryne brassicae			New Zealand	HB		Hastings		-39.63608	176.82443		1937	12	18	Todd, J.	rape	Brassica napus	
5	Brevicoryne brassicae	Brevicoryne brassicae			New Zealand	AK	Auckland City	Auckland		-36.85000	174.75000		1938	4	2	Cottier, W.	rape	Brassica napus	
5	Brevicoryne brassicae	Brevicoryne brassicae			New Zealand	MC		Lincoln		-43.64025	172.48428	8m	1939	1	13	Black, M.A.	rape	Brassica napus	
5	Brevicoryne brassicae	Brevicoryne brassicae			New Zealand	MC		Lincoln		-43.64025	172.48428	8m	1939	1	18	Black, M.A.	mustard	Brassica juncea	
2	Brevicoryne brassicae	Brevicoryne brassicae			New Zealand	WI		Palmerston North		-40.35000	175.60000		1939	2	19	Cottier, W.	rape	Brassica rapa	
1	Brevicoryne brassicae?	Brevicoryne brassicae			New Zealand	AK	Auckland City	Remuera		-36.86667	174.80000		1946	12		Dept. of Agric.	"said to be x bean roots"		
1	Brevicoryne brassicae	Brevicoryne brassicae			New Zealand	AK	Auckland City		P.D.D	-36.89056	174.72756	36m	1956	7	15	Lamb, K.P.	swede	Brassica napobrassica	
1	Brevicoryne brassicae	Brevicoryne brassicae			New Zealand	AK	Auckland City		P.D.D	-36.89056	174.72756	36m	1956	7	17	Lamb, K.P.	swede	Brassica napobrassica	
1	Brevicoryne brassicae	Brevicoryne brassicae			New Zealand	AK	Auckland City		P.D.D	-36.89056	174.72756	36m	1956	7	17	Lamb, K.P.	swede pl.	Brassica napobrassica	
1	Brevicoryne brassicae	Brevicoryne brassicae	KPL		New Zealand	AK	Auckland City		P.D.D	-36.89056	174.72756	36m	1956	9	18	Lamb, K.P.	trap		
1	Brevicoryne brassicae	Brevicoryne brassicae			New Zealand	AK	Auckland City		P.D.D	-36.89056	174.72756	36m	1956	9	20	Lamb, K.P.	trap		
2	Brevicoryne brassicae	Brevicoryne brassicae	KPL 1956		New Zealand	AK	Auckland City		P.D.D	-36.89056	174.72756	36m	1956	9	25	Lamb, K.P.	trap		
1	Brevicoryne brassicae	Brevicoryne brassicae			New Zealand	AK	Auckland City		P.D.D	-36.89056	174.72756	36m	1956	9	26		trap		
1	Brevicoryne brassicae	Brevicoryne brassicae	KPL 1956		New Zealand	AK	Auckland City		P.D.D	-36.89056	174.72756	36m	1956	9	58	Lamb, K.P.	trap		
2	Brevicoryne brassicae	Brevicoryne brassicae	KPL 1956		New Zealand	AK	Auckland City		P.D.D	-36.89056	174.72756	36m	1956	10	5	Lamb, K.P.	trap		
1	Brevicoryne brassicae	Brevicoryne brassicae	KPL 1956		New Zealand	AK	Auckland City		P.D.D	-36.89056	174.72756	36m	1956	10	12	Lamb, K.P.	trap		
3	Brevicoryne brassicae	Brevicoryne brassicae	WC		New Zealand	AK		Pukekohe		-37.20000	174.88333		1956	10	16				
2	Brevicoryne brassicae	Brevicoryne brassicae	WC		New Zealand								1956	10	29				
1	Brevicoryne brassicae	Brevicoryne brassicae	KPL 1957		New Zealand	AK	Auckland City		P.D.D	-36.89056	174.72756	36m	1956	11	16	Lamb, K.P.	tray		
1	Brevicoryne brassicae	Brevicoryne brassicae	KPL 1957		New Zealand	AK	Auckland City		P.D.D	-36.89056	174.72756	36m	1957	1	11	Lamb, K.P.	tray		
1	Brevicoryne brassicae	Brevicoryne brassicae	KPL		New Zealand	AK	Auckland City		P.D.D	-36.89056	174.72756	36m	1957	2	1	Lamb, K.P.	tray		
1	Brevicoryne brassicae	Brevicoryne brassicae	KPL		New Zealand	AK	Auckland City		P.D.D	-36.89056	174.72756	36m	1957	2	1	Lamb, K.P.	tray		
1	Brevicoryne brassicae	Brevicoryne brassicae	KPL 1957		New Zealand	AK	Auckland City		P.D.D	-36.89056	174.72756	36m	1957	2	1	Lamb, K.P.	tray		
1	Brevicoryne brassicae	Brevicoryne brassicae	KPL		New Zealand	AK	Auckland City		P.D.D	-36.89056	174.72756	36m	1957	2	8	Lamb, K.P.	tray		
1	Brevicoryne brassicae	Brevicoryne brassicae	KPL		New Zealand	AK	Auckland City		P.D.D	-36.89056	174.72756	36m	1957	2		Lamb, K.P.	tray		
1	Brevicoryne brassicae	Brevicoryne brassicae			New Zealand	AK	Auckland City		P.D.D	-36.89056	174.72756	36m	1957	5	2	Lamb, K.P.	tray		
1	Brevicoryne brassicae	Brevicoryne brassicae			New Zealand	AK	Auckland City		P.D.D. in culture	-36.89056	174.72756	36m	1958	7	22	Lamb, K.P.	super swede	Brassica napobrassica	
1	Brevicoryne brassicae	Brevicoryne brassicae			New Zealand	AK	Auckland City		P.D.D	-36.89056	174.72756	36m	1958	10	3		swede culture	Brassica napobrassica	
2	Brevicoryne brassicae	Brevicoryne brassicae			New Zealand				reared in insectary				1960	2	19	Carothers, K.	seedling swede	Brassica napobrassica	
4	Brevicoryne brassicae	Brevicoryne brassicae			New Zealand				reared in insectary				1960	2	23	Carothers, K.	seedling swede	Brassica napobrassica	
3	Brevicoryne brassicae	Brevicoryne brassicae			New Zealand				reared in insectary				1960	3	9	Carothers, K.	seedling swede	Brassica napobrassica	
3	Brevicoryne brassicae	Brevicoryne brassicae			New Zealand				reared in insectary				1960	3	10	Carothers, K.	seedling swede	Brassica napobrassica	
4	Brevicoryne brassicae	Brevicoryne brassicae			New Zealand				reared in insectary				1960	3	14	Carothers, K.	seedling swede	Brassica napobrassica	
2	Brevicoryne brassicae	Brevicoryne brassicae	Morales 1991		New Zealand	CH	Chatham Is.	Smiths		-43.95340	-176.51357		1991	3	4	Morales, C.F.	cabbage	Brassica oleracea	
1	Brevicoryne brassicae	Brevicoryne brassicae			New Zealand	WI		Palmerston North		-40.35000	175.60000					Cottier, W.	swede	Brassica napobrassica	
	Brevicoryne brassicae	Brevicoryne brassicae	WC		New Zealand				HE 6 / R5.45 paddock										
1	Brevicoryne brassicae	Brevicoryne brassicae			New Zealand				HE 6 28 paddock										
1	Brevicoryne brassicae	Brevicoryne brassicae	WC		New Zealand				HE RS 6 RD										
1	Brevicoryne brassicae	Brevicoryne brassicae	WC		New Zealand				HE 8 RS 36A Road										
2	Brevicoryne brassicae	Brevicoryne brassicae	WC		New Zealand				HE 8 RS 52 Road										
8	Capitophorus braggii	Capitophorus elaeagni			New Zealand	HB		Hawkes Bay		-39.43333	176.85000		1921	10		Miller, D.	Elaeagnus japonica	Elaeagnus japonica	

mate	identification			location							date			collection	host			
slide count	label det	species	det_by	country	admin1 / Crosby area	admin3	locality	site	lat	long	elevation	year	month	day	collector	label_host	stand_host	notes for database
1	Capitophorus braggii	Capitophorus elaeagni	HRL 1933	New Zealand								1927			Cottier, W.	potato (Solanum tuberosum)	Solanum tuberosum	
3	Capitophorus braggii	Capitophorus elaeagni		New Zealand	WI		Palmerston North		-40.35000	175.60000		1929	4	23	Cottier, W.	Californian thistle	Cirsium arvense	
1	Capitophorus elaeagni	Capitophorus elaeagni		New Zealand	SL		Gore		-46.10000	168.93333		1929	12		Cottier, W.	Californian thistle	Cirsium arvense	
2	Capitophorus braggii	Capitophorus elaeagni		New Zealand	RI		Taihape		-39.66667	175.78333		1930	3	17	Cottier, W.	creeping thistle		
4	Capitophorus braggii	Capitophorus elaeagni		New Zealand								1930	4	3	Cottier, W.	Californian thistle	Cirsium arvense	
7	Capitophorus braggii	Capitophorus elaeagni		New Zealand	WI		Palmerston North		-40.35000	175.60000		1930	4	4	Cottier, W.	Elaeagnus	Elaeagnus	
2	Capitophorus braggii?	Capitophorus elaeagni		New Zealand	WI		Palmerston North		-40.35000	175.60000		1930	4	4	Cottier, W.	Elaeagnus japonica	Elaeagnus japonica	
40	Capitophorus braggii	Capitophorus elaeagni		New Zealand	RI		Raetihi		-39.42005	175.26785		1930	4	7	Cottier, W.	Californian thistle	Cirsium arvense	
1	Capitophorus braggii	Capitophorus elaeagni		New Zealand	WI		Palmerston North		-40.35000	175.60000		1930	5	4	Cottier, W.	Elaeagnus	Elaeagnus	
2	Capitophorus braggii	Capitophorus elaeagni		New Zealand	RI		Taihape		-39.66667	175.78333		1930	5		Cottier, W.	Californian thistle	Cirsium arvense	
7	Capitophorus braggii	Capitophorus elaeagni	HRL 1933	New Zealand	WI		Palmerston North		-40.35000	175.60000		1932	5	28	Cottier, W.	Elaeagnus	Elaeagnus	
1	Capitophorus elaeagni	Capitophorus elaeagni		New Zealand	NN		Motueka		-41.10132	173.00268		1934	11		Williams, W.R.L.	tobacco plant	Nicotiana tabacum	
5	Capitophorus braggii	Capitophorus elaeagni		New Zealand	WI		Palmerston North		-40.35000	175.60000		1937	1	5	Cottier, W.	Elaeagnus	Elaeagnus	
5	Capitophorus braggii	Capitophorus elaeagni		New Zealand	BP		Tauranga		-37.66667	176.15000		1937	2	18	Grainger, A.R.	Elaeagnus	Elaeagnus	
1	Capitophorus braggii	Capitophorus elaeagni		New Zealand	WI		Palmerston North		-40.35000	175.60000		1937	4	3	Cottier, W.	caught in spiders web on Totara		
2	Capitophorus braggii	Capitophorus elaeagni		New Zealand	NN		Motueka		-41.10132	173.00268		1937	4	22	Brittin, G.	Elaeagnus	Elaeagnus	
2	Capitophorus braggii	Capitophorus elaeagni		New Zealand	WI		Palmerston North		-40.35000	175.60000		1937	5	1	Cottier, W.	Elaeagnus	Elaeagnus	
4	Capitophorus braggii	Capitophorus elaeagni		New Zealand	WI		Palmerston North		-40.35000	175.60000		1937	5	1	Cottier, W.	Elaeagnus	Elaeagnus	
2	Capitophorus braggii	Capitophorus elaeagni		New Zealand	GB		Gisborne		-38.66667	178.01667		1937	5	5	Everett, P.	variegated thistle	Silybum marianum	
3	Capitophorus braggii	Capitophorus elaeagni		New Zealand	GB		Gisborne		-38.66667	178.01667		1937	5	11	Everett, P.	variegated thistle	Silybum marianum	
5	Capitophorus braggii	Capitophorus elaeagni		New Zealand	WI	Wanganui	Fordell		-39.95728	175.19847		1938	4	9	Hamilton, A.	variegated thistle	Silybum marianum	
8	Capitophorus braggii	Capitophorus elaeagni		New Zealand	WO		Hamilton		-37.76667	175.26667		1938	4	19	Shepherd, J.E.	Californian thistle	Cirsium arvense	
3	Capitophorus braggii	Capitophorus elaeagni		New Zealand	AK	Auckland City	Avondale		-36.88333	174.70000		1939	5	18	Spiller, D.	Cryptostemma calendulaceum	Cryptostemma calendulaceum	
5	Capitophorus braggii	Capitophorus elaeagni		New Zealand	AK	Auckland City	Avondale		-36.88333	174.70000		1939	5	19	Spiller, D.	Cryptostemma calendulaceum	Cryptostemma calendulaceum	
2	Capitophorus braggii	Capitophorus elaeagni		New Zealand	AK	Auckland City	Avondale		-36.88333	174.70000		1939	5	19	Cottier, W.	Cryptostemma calendulaceum	Cryptostemma calendulaceum	
4	Capitophorus braggii	Capitophorus elaeagni		New Zealand	AK	Auckland City	Auckland		-36.85000	174.75000		1939	6	15	Cottier, W.			
2	Capitophorus braggii	Capitophorus elaeagni	WC	New Zealand	KA		Ward		-41.82600	174.14338		1943	4	20	Thomson, H.J.	Californian thistle	Cirsium arvense	
1	Capitophorus braggii	Capitophorus elaeagni	WC	New Zealand	KA		Ward		-41.82600	174.14338		1944	5	25	Given, B.B.	Californian thistle	Cirsium arvense	
1	Capitophorus braggii	Capitophorus elaeagni		New Zealand	AK	Auckland City	Auckland		-36.85000	174.75000		1946	3	20	Chamberlain, F.F.	artichoke	Cynara cardunculus	
1	Capitophorus elaeagni	Capitophorus elaeagni	KPL	New Zealand	AK	Auckland City		P.D.D	-36.89056	174.72756	36m	1956	9	10	Lamb, K.P.	trap		
1	Capitophorus elaeagni	Capitophorus elaeagni	KPL	New Zealand	AK	Auckland City		P.D.D	-36.89056	174.72756	36m	1956	9	12	Lamb, K.P.	trap		
1	Capitophorus elaeagni	Capitophorus elaeagni	KPL	New Zealand	AK	Auckland City		P.D.D	-36.89056	174.72756	36m	1956	9	25	Lamb, K.P.	trap		
1	Capitophorus elaeagni	Capitophorus elaeagni	KPL	New Zealand	AK	Auckland City		P.D.D	-36.89056	174.72756	36m	1956	9	26	Lamb, K.P.	trap		
1	Capitophorus elaeagni	Capitophorus elaeagni	KPL	New Zealand	AK	Auckland City		P.D.D	-36.89056	174.72756	36m	1956	10	2	Lamb, K.P.	trap		
1	Capitophorus elaeagni	Capitophorus elaeagni	KPL	New Zealand	AK	Auckland City		P.D.D	-36.89056	174.72756	36m	1957	2	4	Lamb, K.P.	trap		
1	Capitophorus elaeagni	Capitophorus elaeagni	KPL	New Zealand	MC		Lincoln		-43.64025	172.48428	8m	1958	11	20	Close, R.	sticky trap		
1	Capitophorus braggii	Capitophorus elaeagni	Imp. Bur.	New Zealand	HB		Hawkes Bay		-39.43333	176.85000					Dumbleton, J.	Elaeagnus japonica	Elaeagnus japonica	
1	Capitophorus elaeagni	Capitophorus elaeagni		New Zealand				HE 6 23 paddock										
2	Capitophorus elaeagni	Capitophorus elaeagni	WC	New Zealand				HE 6 8 paddock										
1	Cavariella aegopodii	Cavariella aegopodii	HRL 1933	New Zealand	MC		Christchurch		-43.53333	172.63333		1922	11	10	Myers, J.G.	periwinkle	Vinca	
1	Cavariella aegopodii	Cavariella aegopodii		New Zealand	WN	Palmerston North	Massey University	Massey College	-40.38333	175.61667		1929	11	2	Cottier, W.	willow	Salix	
13	Cavariella aegopodii	Cavariella aegopodii		New Zealand	WI	Palmerston North			-40.35000	175.60000		1930	1	6	Cottier, W.	parsnip	Pastinaca sativa	
2	Cavariella aegopodii	Cavariella aegopodii	HRL 1933	New Zealand	MC		Methven		-43.61667	171.63333		1930	1	27	Chamberlain, F.F.	Aciphylla	Aciphylla	
4	Cavariella aegopodii	Cavariella aegopodii	HRL 1933	New Zealand								1930	2		Cottier, W.	potato foliage	Solanum tuberosum	
19	Cavariella aegopodii	Cavariella aegopodii		New Zealand	NN		Nelson		-41.26667	173.26667		1930	11	5	Dumbleton, J.	fennel	Foeniculum vulgare	
1	Cavariella aegopodii	Cavariella aegopodii	HRL 1933	New Zealand	WI		Palmerston North		-40.35000	175.60000		1930	12	12	Cottier, W.	xmas lily	Lilium	
1	Cavariella aegopodii	Cavariella aegopodii		New Zealand	TK	New Plymouth	Westtown		-39.06968	174.05627		1931	4	3	Wells, S.A.	carrot	Daucus carota	
1	Cavariella aegopodii	Cavariella aegopodii	HRL 1933	New Zealand	WI		Palmerston North		-40.35000	175.60000		1931	11	21	Cottier, W.	blackberry beneath willow	Rubus	
4	Cavariella aegopodii	Cavariella aegopodii	HRL 1933	New Zealand	CO		Alexandra	Orchard Institute	-45.18333	169.31667		1931	11			willow	Salix	
1	Cavariella aegopodii	Cavariella aegopodii		New Zealand	CO		Alexandra		-45.25167	169.38851	146m	1931	11		Lloyd-Williams	willow	Salix	
2	Cavariella aegopodii	Cavariella aegopodii		New Zealand	WI		Palmerston North		-40.35000	175.60000		1932	1	9	Cottier, W.	willow	Salix	

mate	identification			location						date			collection	host				
slide count	label det	species	det_by	country	admin1 / Crosby area	admin3	locality	site	lat	long	elevation	year	month	day	collector	label_host	stand_host	notes for database
4	Cavariella aegopodii	Cavariella aegopodii	HRL 1933	New Zealand	WI		Palmerston North		-40.35000	175.60000		1932	1	9	Cottier, W.	willow	Salix	
1	Cavariella aegopodii	Cavariella aegopodii		New Zealand	GB		Manutuke	Bibbrens	-38.68163	177.90180		1933	11	23	Everett	Citrus	Citrus	
3	Cavariella aegopodii	Cavariella aegopodii	W Cottier	New Zealand	WO		Hamilton		-37.76667	175.26667		1934	2	26	Fields Instr.	carrots	Daucus carota	
2	Cavariella aegopodii	Cavariella aegopodii	W Cottier	New Zealand	WO		Hamilton		-37.76667	175.26667		1934	2	26	Shepherd	carrots	Daucus carota	
1	Cavariella aegopodii	Cavariella aegopodii		New Zealand	WO		Hamilton		-37.76667	175.26667		1934	3	3		carrots	Daucus carota	
2	Cavariella aegopodii	Cavariella aegopodii		New Zealand	WI		Palmerston North		-40.35000	175.60000		1934	12		Chamberlain, F F	monkey-musk	Mimulus	
7	Cavariella aegopodii	Cavariella aegopodii		New Zealand	MB		Blenheim		-41.50000	173.95000		1936	11	25	Chamberlain, F F	carrots	Daucus carota	
14	Cavariella aegopodii	Cavariella aegopodii		New Zealand	WI		Palmerston North		-40.35000	175.60000		1936	12	12		willow	Salix	
7	Cavariella aegopodii	Cavariella aegopodii		New Zealand	WI		Palmerston North		-40.35000	175.60000		1936	12	18	Cottier, W.	fennel	Foeniculum vulgare	
11	Cavariella aegopodii	Cavariella aegopodii		New Zealand	WI		Palmerston North		-40.35000	175.60000		1936	12	19	Cottier, W.	willow	Salix	
4	Cavariella aegopodii	Cavariella aegopodii		New Zealand	HB		Hastings		-39.63608	176.82443		1936	12	22	Cottier, W.	willow	Salix	
5	Cavariella aegopodii	Cavariella aegopodii		New Zealand	HB		Hastings		-39.63608	176.82443		1937	1	28	Cottier, W.	willow	Salix	
10	Cavariella aegopodii	Cavariella aegopodii		New Zealand	WI		Palmerston North		-40.35000	175.60000		1937	3	16	Cottier, W.	carrot	Daucus carota	
12	Cavariella aegopodii	Cavariella aegopodii		New Zealand	WI		Palmerston North		-40.35000	175.60000		1937	4	13	Todd, J.W.	celery	Apium graveolens	
4	Cavariella aegopodii	Cavariella aegopodii		New Zealand	WI		Palmerston North		-40.35000	175.60000		1937	5	1	Cottier, W.	willow	Salix	
6	Cavariella aegopodii	Cavariella aegopodii		New Zealand	WI		Palmerston North		-40.35000	175.60000		1937	5	1	Cottier, W.	willow	Salix	
3	Cavariella aegopodii	Cavariella aegopodii		New Zealand	CO		Old Man Range	Coffee Pot Creek, 4500'	-45.41667	169.21667		1938	2	7	Chamberlain, F F	Aciphylla colonsoi	Aciphylla colonsoi	
1	Cavariella aegopodii	Cavariella aegopodii		New Zealand	BP		Whakatane		-37.96667	176.98333		1944	10		Allen, D.	carrot	Daucus carota	
1	Cavariella aegopodii	Cavariella aegopodii		New Zealand								1952	11	30				
1	Cavariella aegopodii	Cavariella aegopodii	KPL	New Zealand	AK	Auckland City		P.D.D	-36.89056	174.72756	36m	1957	2	7	Lamb, K.P.	tray		
1	Cavariella aegopodii	Cavariella aegopodii		New Zealand	AK	Auckland City		P.D.D	-36.89056	174.72756	36m	1957	2	12	Lamb, K.P.	tray		
1	Cavariella aegopodii	Cavariella aegopodii		New Zealand	AK	Auckland City		P.D.D	-36.89056	174.72756	36m	1957	2	18	Lamb, K.P.	tray		
1	aegopodii	Cavariella aegopodii		New Zealand	MC		Lincoln		-43.64025	172.48428	8m	1959	11	25		trap		
1	Cavariella aegopodii	Cavariella aegopodii		New Zealand	AN		Reef Pt.		-49.69537	178.77874		1969	1	31	Kuschel, G.	sweeping		
2	Cavariella aegopodii	Cavariella aegopodii		New Zealand	AN		Reef Pt.		-49.69537	178.77874		1969	2	28	Kuschel, G.	mats		
3	Cavariella aegopodii	Cavariella aegopodii	R.G. Sunde	New Zealand	AK		Ponsonby		-36.85142	174.73887		1977	11	5	Walker, A.K.	dill Anethum graveolens	Anethum graveolens	
1	Cavariella aegopodii	Cavariella aegopodii	WC	New Zealand								1950?	10	29				
3	Cavariella aegopodii?	Cavariella aegopodii?		New Zealand														
3	Cerataphis lataniae	Cerataphis lataniae		New Zealand	AK		Manurewa		-37.02547	174.87682		1952	11	20	Hunter, T.	Epidendron sp.	Epidendron sp.	
4	Capitophorus fragariae/potentillae	Chaetosiphon fragaefoliae		New Zealand	WI		Palmerston North		-40.35000	175.60000		1929	9	22	Cottier, W.	strawberry	Fragaria	
9	Capitophorus fragariae/potentillae	Chaetosiphon fragaefoliae	A.W. McK. 1932	New Zealand	WI		Palmerston North		-40.35000	175.60000		1930	12		Cottier, W.	strawberry	Fragaria	
1	Capitophorus fragariae?	Chaetosiphon fragaefoliae		New Zealand	WI		Palmerston North		-40.35000	175.60000		1931	11	24	Cottier, W.	strawberry	Fragaria	
6	Capitophorus potentillae	Chaetosiphon fragaefoliae		New Zealand	MB		Blenheim		-41.50000	173.95000		1936	11	14	Chamberlain, F F	strawberry	Fragaria	
11	Capitophorus potentillae	Chaetosiphon fragaefoliae		New Zealand	WI		Palmerston North		-40.35000	175.60000		1937	11	30	Chamberlain, F F	strawberry	Fragaria	
1	Pentatrachopus fragaefoliae	Chaetosiphon fragaefoliae		New Zealand	AK	Auckland City		P.D.D	-36.89056	174.72756	36m	1961	1	2	Lamb, K.P.	sticky trap		
1	Pentatrachopus fragaefoliae	Chaetosiphon fragaefoliae	KPL	New Zealand	AK	Auckland City		P.D.D	-36.89056	174.72756	36m	1961	6	9	Lamb, K.P.	sticky trap		
1	Pentatrachopus fragariae	Chaetosiphon fragaefoliae		New Zealand	AK	Auckland City	Mt Albert	Mt Albert Research Centre	-36.89056	174.72756	36m	1975	10	22	Johannesson, J.	strawberry	Fragaria	
2	Chaetosiphon fragaefolii	Chaetosiphon fragaefolii		New Zealand	AK		Ponsonby		-36.85142	174.73887		1993	8	15	Workman, P.	leaves roses	Rosa	
20	Capitophorus tetraerhodus	Chaetosiphon tetraerhodum	W Cottier	New Zealand	WI		Aramoho		-39.89457	175.05950		1921	8	27	Meyers, J.G.	rose	Rosa	
4	Pentatrachopus tetraerhodus	Chaetosiphon tetraerhodum		New Zealand	WI		Palmerston North		-40.35000	175.60000		1929	8?	1	Cottier, W.	rose	Rosa	
1	Pentatrachopus tetraerhodus	Chaetosiphon tetraerhodum		New Zealand								1930	2		Cottier, W.	rose	Rosa	
4	Pentatrachopus tetraerhodus	Chaetosiphon tetraerhodum	HRL 1933	New Zealand	WI		Palmerston North		-40.35000	175.60000		1930	6	11	Cottier, W.	rose	Rosa	
1	Pentatrachopus tetraerhodus	Chaetosiphon tetraerhodum	HRL 1933	New Zealand	WI		Palmerston North		-40.35000	175.60000		1931	10	18	Cottier, W.	rose	Rosa	
1	Pentatrachopus tetraerhodus	Chaetosiphon tetraerhodum	HRL 1933	New Zealand	WI		Palmerston North		-40.35000	175.60000		1931	11	17	Cottier, W.	rose	Rosa	
2	Capitophorus tetraerhodus	Chaetosiphon tetraerhodum		New Zealand	CO							1937	1	23	Chamberlain, F F	wild briar	Rosa canina	
9	Capitophorus tetraerhodus	Chaetosiphon tetraerhodum		New Zealand	WI		Palmerston North		-40.35000	175.60000		1937	4	7	Cottier, W.	briar rose	Rosa canina	
2	Capitophorus tetraerhodus	Chaetosiphon tetraerhodum		New Zealand	WI		Palmerston North		-40.35000	175.60000		1937	4	17	Cottier, W.	rose	Rosa	
6	Capitophorus tetraerhodus	Chaetosiphon tetraerhodum		New Zealand	WI		Palmerston North		-40.35000	175.60000		1937	5	1	Cottier, W.	rose (briar)	Rosa canina	
2	Capitophorus tetraerhodus	Chaetosiphon tetraerhodum		New Zealand	WI		Palmerston North		-40.35000	175.60000		1937	5	12	Cottier, W.	briar rose	Rosa canina	

mate	identification			location						date			collection	host				
slide count	label det	species	det_by	country	admin1 / Crosby area	admin3	locality	site	lat	long	elevation	year	month	day	collector	label_host	stand_host	notes for database
1	Pentatrachopus tetraerhodus	Chaetosiphon tetraerhodum	KPL	New Zealand	AK	Auckland City		P.D.D	-36.89056	174.72756	36m	1956	10	15	Lamb, K.P.	tray		
1	Pentatrachopus tetraerhodus	Chaetosiphon tetraerhodum	KPL	New Zealand	AK	Auckland City		P.D.D	-36.89056	174.72756	36m	1956	11	20	Lamb, K.P.	tray		
1	Pentatrachopus tetraerhodus	Chaetosiphon tetraerhodum	KPL	New Zealand	AK	Auckland City		P.D.D	-36.89056	174.72756	36m	1957	1	30	Lamb, K.P.	tray		
1	Pentatrachopus tetraerhodus	Chaetosiphon tetraerhodum	KPL	New Zealand	AK	Auckland City		P.D.D	-36.89056	174.72756	36m	1957	2	26	Lamb, K.P.	tray		
1	Pentatrachopus tetraerhodus	Chaetosiphon tetraerhodum		New Zealand	MC		Darfield		-43.48317	172.11077		1958	12	3	Close, R.	sticky trap		
2	Capitophorus tetraerhodus	Chaetosiphon tetraerhodum	Imp. Bur.	New Zealand	WI		Aramoho		-39.89457	175.05950					Dumbleton, J.	rose	Rosa	
2	Neochomosis	Cinara		New Zealand	MC		Christchurch		-43.53333	172.63333		1941	10	10	Hamilton, R.G.	Cupressus macrocarpa	Cupressus macrocarpa	
6	Neochomosis	Cinara		New Zealand	AK		Otahuhu		-36.93333	174.83333		1949	4	19	Thomas, C.R.	Cupressus macrocarpa	Cupressus macrocarpa	
1	Cinara cupressivora	Cinara cupressivora		New Zealand								1993	1	12				
2	Neochomosis juniperi	Cinara juniperi		New Zealand	TK		New Plymouth		-39.05791	174.07623		1929	6	30	Offen, D.	Juniperus communis	Juniperus communis	
42	Panimerus juniperi	Cinara juniperi		New Zealand	TK		New Plymouth		-39.05791	174.07623		1939	6	30	Offen, D.	Juniper	Juniperis	
1	Neochomosis juniperi	Cinara juniperi		New Zealand	AK		Papatoetoe		-36.96667	174.83333		1959	4	2	Newhook, F.I.	Cupressus benthami	Cupressus benthami	
9	Neochomosis juniperi	Cinara juniperi		New Zealand	AK		Papatoetoe		-36.96667	174.83333		1959	4	8	Newhook, F.I.	Cupressus macrocarpa	Cupressus macrocarpa	
1	Neochomosis juniperi	Cinara juniperi		New Zealand	SL		Waimumu		-46.12527	168.80763		1962	8	3	Goodwill, R.			
1	Colopha clematicola	Colophina clematicola	R.G. Sunde	New Zealand	HB		Hastings		-39.63608	176.82443		1969	6	19	Greenfield, J.	Clematis	Clematis	
1	Colopha clematicola	Colophina clematicola	RC Henderson	New Zealand	AK	Auckland City		17 Ambury Ave				1998	4	1	Beever, R.E.	Clematis sp.	Clematis	
1	Drepanosiphum	Drepanosiphum platanoidis		New Zealand	MC		Ashburton		-43.90466	171.74911		1956	11	14	Lowe, A.D.	sycamore Acer pseudoplatanus	Acer pseudoplatanus	
1	Drepanosiphum ?platanoidis	Drepanosiphum platanoidis		New Zealand	AK	Auckland City		P.D.D	-36.89056	174.72756	36m	1957	3	1	Lamb, K.P.	tray		
1	Drepanosiphum	Drepanosiphum platanoidis	KPL	New Zealand	AK	Auckland City		P.D.D	-36.89056	174.72756	36m	1960	12	5	Lamb, K.P.	sticky trap		
1	Dysaphis foeniculus	Dysaphis foeniculus		New Zealand	AK	Auckland City	Auckland		-36.85000	174.75000		1957	12	18				
3	Dysaphis tulipae	Dysaphis tulipae		New Zealand	SL		Invercargill		-46.40000	168.33333		1929	3	16	Dept. of Agric.	iris bulbs	Iris	
6	Anuraphis tulipae	Dysaphis tulipae		New Zealand	WN		Wellington	Red Rocks	-41.35000	174.71667		1941	11	21	Spiller, D.	Aciphylla squarrosa (flower)	Aciphylla squarrosa	
3	Anuraphis tulipae	Dysaphis tulipae	KPL	New Zealand	AK	Auckland City	Auckland		-36.85000	174.75000		1956	6	28	Hunter, J.	taro	Colocasia esculenta	
1	Dysaphis tulipae	Dysaphis tulipae	VFE	New Zealand	AK	Auckland City		P.D.D	-36.89056	174.72756	36m	1956	10	15	Lamb, K.P.	trap		
1	Dysaphis tulipae	Dysaphis tulipae	VFE	New Zealand	AK	Auckland City		P.D.D	-36.89056	174.72756	36m	1956	10	30	Lamb, K.P.	trap		
1	Dysaphis tulipae	Dysaphis tulipae	VFE	New Zealand	AK	Auckland City		P.D.D	-36.89056	174.72756	36m	1956	11	13	Lamb, K.P.	trap		
3	Anuraphis tulipae	Dysaphis tulipae	W Cottier	New Zealand	AK	Auckland City	Auckland		-36.85000	174.75000		1957	1	10	McDermott	Dutch Iris	Iris xiphium	
1	Anuraphis tulipae	Dysaphis tulipae	WC	New Zealand	AK	Auckland City	Auckland		-36.85000	174.75000		1957	4	8	R.C.C.	taro	Colocasia esculenta	
1	Aphis abietina	Elatobium abietinum		New Zealand	TK		New Plymouth		-39.05791	174.07623		1921	7					
5	Neomyzaphis abietina	Elatobium abietinum	HRL 1933	New Zealand	NN		Nelson		-41.26667	173.26667		1929	11		Clark, A.F.	Picea excelsa	Picea excelsa	
3	Myzaphis abietina	Elatobium abietinum		New Zealand	NN		Nelson		-41.26667	173.26667		1929	12	27		sitka spruce	Picea sitchensis	
1	Myzaphis abietina	Elatobium abietinum		New Zealand	NN		Nelson		-41.26667	173.26667		1930	3	20	L.J.D.	Picea excelsa	Picea excelsa	
1	Myzaphis abietina	Elatobium abietinum		New Zealand	NN		Nelson		-41.26667	173.26667		1930	4	4		spruce	Picea	
3	Myzaphis abietina	Elatobium abietinum		New Zealand	NN		Nelson		-41.26667	173.26667		1930	4	11	L.J.D.			
1	Neomyzaphis abietina	Elatobium abietinum		New Zealand	NN		Nelson		-41.26667	173.26667		1930	7	9	L.J.D.	Picea excelsa	Picea excelsa	
1	Neomyzaphis abietina	Elatobium abietinum		New Zealand	NN		Nelson		-41.26667	173.26667		1930	7	10	L.J.D.	Picea excelsa	Picea excelsa	
3	Neomyzaphis abietina	Elatobium abietinum		New Zealand	NN		Nelson		-41.26667	173.26667		1930	7	16	L.J.D.	Picea excelsa	Picea excelsa	
1	N. abietina	Elatobium abietinum		New Zealand	NN		Nelson		-41.26667	173.26667		1930	8	7	L.J.D.			
1	Neomyzaphis abietina	Elatobium abietinum		New Zealand	NN		Nelson		-41.26667	173.26667		1930	9	30	L.J.D.	spruce	Picea	
3	Myzaphis abietina	Elatobium abietinum		New Zealand	NN		Nelson		-41.26667	173.26667		1931	4	8	L.J.D.			
5	Myzaphis abietina	Elatobium abietinum		New Zealand	WO		Hamilton		-37.76667	175.26667		1937	9	18	Clark, A.F.	Picea excelsa	Picea excelsa	
12	Myzaphis abietina	Elatobium abietinum		New Zealand	WO		Te Kuiti		-38.32535	175.17365		1937	10	23	Clark, A.F.	Picea excelsa	Picea excelsa	
1	Neomyzaphis abietina	Elatobium abietinum		New Zealand	NN		Nelson		-41.26667	173.26667		1938	3	29	L.J.D.	P. excelsa	Picea excelsa	
4	M. abietina	Elatobium abietinum		New Zealand														
4	Eriosoma lanigera	Eriosoma lanigerum		New Zealand	WN		Wellington	Lower Hutt	-41.18333	174.93333		1929	5		Cottier, W.	apple tree	Malus	
1	Eriosoma lanigerum	Eriosoma lanigerum		New Zealand	AK		Auckland		-36.85000	174.75000		1935	4	1	Dallas, W.K.	core of Delicious apple	Malus	
2	Eriosoma lanigerum	Eriosoma lanigerum	WC	New Zealand	AK	Auckland City	Milford		-36.77197	174.75685		1956	1	25	McKinstry, A.	apple	Malus	
1	Eriosoma lanigerum	Eriosoma lanigerum	KPL	New Zealand	AK	Auckland City		P.D.D	-36.89056	174.72756	36m	1957	1	25	Lamb, K.P.	tray		
1	Eriosoma lanigerum	Eriosoma lanigerum		New Zealand	AK	Auckland City		P.D.D	-36.89056	174.72756	36m	1957	3	15	Lamb, K.P.	tray		
1	Eriosoma lanigerum	Eriosoma lanigerum		New Zealand	AK	Auckland City		P.D.D	-36.89056	174.72756	36m	1957	3	21	Lamb, K.P.	tray		
6	Eriosoma lanigerum	Eriosoma lanigerum		New Zealand	AK		Owairaka	P.D.D	-36.89056	174.72756	36m	1958	10	24	May, B.M.	apple twig	Malus	

mate	identification			location					date			collection	host						
	slide count	label det	species	det_by	country	admin1 / Crosby area	admin3	locality	site	lat	long	elevation	year	month	day	collector	label host	stand host	notes for database
5		Eriosoma lanigerum	Eriosoma lanigerum		New Zealand	WI		Palmerston North		-40.35000	175.60000		1959	7	29	Todd, J.	Pyrus malus	Pyrus	
1		Eriosoma lanuginerum	Eriosoma lanigerum		New Zealand	AK	Auckland City	Mt. Roskill		-36.91453	174.73413		2009	1	19	Inglis, C.	Malus sp. Leaf axil	Malus	
1		Eriosoma lanigerum	Eriosoma lanigerum		New Zealand														
1		Eriosoma lanigerum	Eriosoma lanigerum		New Zealand	AK		Auckland		-36.85000	174.75000					Cottier, W.	apple tree	Malus	
1		Eriosoma lanigera	Eriosoma lanigerum		New Zealand											Dumbleton, L.J.	apple tree	Malus	
1		Eriosoma lanigera	Eriosoma lanigerum		New Zealand														
12		Eucallipterus tiliae	Eucallipterus tiliae	N.D. Barlow	New Zealand	WN	Palmerston North	Massey University		-40.38333	175.61667		1979	3	26	Barlow, N.D.	Tila vulgaris	Tila vulgaris	
1		Euceraphis betulae	Euceraphis betulae	VFE	New Zealand	MC		Christchurch		-43.53333	172.63333		1961	10	27	Lowe, A.D.	Betula alba	Betula alba	
2		Euceraphis betulae	Euceraphis betulae	ADL	New Zealand	MC		Christchurch		-43.53333	172.63333		1965	11	1	Lowe, A.D.	in flight		
1		Euceraphis punctipennis	Euceraphis punctipennis: VFE		New Zealand								1959	11	29		Betula verrucosa	Betula verrucosa	
4		Geoica	Geoica lucifuga		New Zealand	ND		Kerikeri		-35.22446	173.95110		1939	5	10	Cottier, W.	Danthonia roots	Danthonia	
1		Geoica lucifuga	Geoica lucifuga		New Zealand	ND		Kerikeri		-35.22446	173.95110		1939	5	10	W.C.			
1		Geoica lucifuga	Geoica lucifuga	KPL	New Zealand	AK	Auckland City		P.D.D.	-36.89056	174.72756	36m	1957	1	7	Lamb, K.P.	tray		
1		Geoica lucifuga	Geoica lucifuga	KPL	New Zealand	AK	Auckland City		P.D.D.	-36.89056	174.72756	36m	1957	1	31	Lamb, K.P.	tray		
1		Geoica lucifuga	Geoica lucifuga	KPL	New Zealand	AK	Auckland City		P.D.D.	-36.89056	174.72756	36m	1957	2	11	Lamb, K.P.	tray		
1		Geoica lucifuga	Geoica lucifuga	KPL	New Zealand	AK	Auckland City		P.D.D.	-36.89056	174.72756	36m	1957	2	12	Lamb, K.P.	tray		
1		Geoica lucifuga	Geoica lucifuga	KPL	New Zealand	AK	Auckland City		P.D.D.	-36.89056	174.72756	36m	1957	2	13	Lamb, K.P.	tray		
1		Geoica lucifuga	Geoica lucifuga	KPL	New Zealand	AK	Auckland City		P.D.D.	-36.89056	174.72756	36m	1957	2	18	Lamb, K.P.	tray		
1		Geoica lucifuga	Geoica lucifuga	KPL	New Zealand	AK	Auckland City		P.D.D.	-36.89056	174.72756	36m	1957	2	20	Lamb, K.P.	tray		
1		Geoica lucifuga	Geoica lucifuga	KPL	New Zealand	AK	Auckland City		P.D.D.	-36.89056	174.72756	36m	1957	2	28	Lamb, K.P.	tray		
2		Geoica lucifuga	Geoica lucifuga		New Zealand	ND		Waiare		-35.14655	173.79503		1958	9	19	Cumber, R.A.	Microlaena stipoides (roots)	Microlaena stipodes	
1		Geoica lucifuga	Geoica lucifuga	WC	New Zealand				HE RS32 PA										
1		Greenidea ficicola	Greenidea ficicola		New Zealand	AK	Auckland City	Kohimarama	245 Tamaki Drive	-36.84935	174.79512		2008	7	2	Hall, G.	Ficus microcarpa (var. hillii)	Ficus microcarpa (var. hillii)	
5		Hyadaphis sii	Hyadaphis passerini		New Zealand	SL		Balclutha		-46.24129	169.73047		1930	1		Cottier, W.	hemlock (<i>Conium maculata</i>)	Conium maculatum	
3		Hyadaphis xylostei	Hyadaphis passerini	A.W. McK. 1931	New Zealand	SL		Balclutha		-46.24129	169.73047		1930	1		Cottier, W.	umbel weeds		
19		Hyadaphis sii	Hyadaphis passerini	HRL 1933	New Zealand	WI		Palmerston North		-40.35000	175.60000		1931	1	6	Cottier, W.	honeysuckle	Lonicera	
15		Hyadaphis sii	Hyadaphis passerini	W Cottier	New Zealand	WI		Palmerston North		-40.35000	175.60000		1936	12	1	Cottier, W.	hemlock	Conium maculatum	
2		Hyadaphis sii	Hyadaphis passerini		New Zealand	WI		Palmerston North		-40.35000	175.60000		1936	12	18	Cottier, W.	hemlock	Conium maculatum	
5		Hyadaphis sii	Hyadaphis passerini		New Zealand	WI		Palmerston North		-40.35000	175.60000		1937	4	10	Cottier, W.	honeysuckle	Lonicera	
3		Hyadaphis sii	Hyadaphis passerini		New Zealand	WI		Palmerston North		-40.35000	175.60000		1937	5	1	Cottier, W.	honeysuckle	Lonicera	
14		Hyadaphis sii	Hyadaphis passerini		New Zealand	WI		Palmerston North		-40.35000	175.60000		1937	7	7	Cottier, W.	honeysuckle	Lonicera	
21		Hyadaphis sii	Hyadaphis passerini	W Cottier	New Zealand	WI		Palmerston North		-40.35000	175.60000		1937	11	15	Cottier, W.	honeysuckle	Lonicera	
8		Hyadaphis sii	Hyadaphis passerini		New Zealand	WI		Longburn		-40.38067	175.53538		1938	11	22	Brien, R.M.	honeysuckle	Lonicera	
1		Hyadaphis foeniculi	Hyadaphis passerini		New Zealand	AK	Auckland City		P.D.D.	-36.89056	174.72756	36m	1953	2	7	Lamb, K.P.	tray		
1		Hyadaphis foeniculi	Hyadaphis passerini		New Zealand	AK	Auckland City	Otara		-36.96352	174.87030		1953	5	6	Lamb, K.P.	carrot	Daucus carota	
1		Hyadaphis foeniculi	Hyadaphis passerini		New Zealand	AK	Auckland City		P.D.D.	-36.89056	174.72756	36m	1956	11	20	Lamb, K.P.	tray		
1		Hyadaphis foeniculi	Hyadaphis passerini	KPL	New Zealand	AK	Auckland City		P.D.D.	-36.89056	174.72756	36m	1956	12	7	Lamb, K.P.	trap		
1		Hyadaphis foeniculi	Hyadaphis passerini	KPL	New Zealand	AK	Auckland City		P.D.D.	-36.89056	174.72756	36m	1957	1	30	Lamb, K.P.	trap		
1		Hyadaphis foeniculi	Hyadaphis passerini	KPL	New Zealand	AK	Auckland City		P.D.D.	-36.89056	174.72756	36m	1957	1	30	Lamb, K.P.	tray		
1		Hyalopterus pruni	Hyalopterus pruni	DHRL	New Zealand				N.O. Holder				1942	9	9	Kriste[?], J.	Arundo	Arundo	
1		Hyperomyzus	Hyperomyzus	KPL/W. Cottier	New Zealand	AK	Auckland City		P.D.D.	-36.89056	174.72756	36m	1956	9	10	Lamb, K.P.	trap		
1		Hyperomyzus carduellinus	Hyperomyzus carduellinus	KPL	New Zealand	AK	Auckland City		P.D.D.	-36.89056	174.72756	36m	1955	10	1	Lamb, K.P.	sticky trap		
1		Hyperomyzus carduellinus	Hyperomyzus carduellinus	KPL	New Zealand	AK	Auckland City		P.D.D.	-36.89056	174.72756	36m	1956	9	3	Lamb, K.P.	trap		
1		Hyperomyzus carduellinus	Hyperomyzus carduellinus		New Zealand	AK	Auckland City		P.D.D.	-36.89056	174.72756	36m	1956	9	24		trap		
1		Hyperomyzus carduellinus	Hyperomyzus carduellinus	KPL	New Zealand	AK	Auckland City		P.D.D.	-36.89056	174.72756	36m	1956	9	24	Lamb, K.P.	trap		
1		Hyperomyzus carduellinus	Hyperomyzus carduellinus		New Zealand	AK	Auckland City		P.D.D.	-36.89056	174.72756	36m	1956	9	25	Lamb, K.P.	trap		
1		Hyperomyzus carduellinus	Hyperomyzus carduellinus	KPL	New Zealand	AK	Auckland City		P.D.D.	-36.89056	174.72756	36m	1956	10	1	Lamb, K.P.	trap		
1		Hyperomyzus carduellinus	Hyperomyzus carduellinus	KPL	New Zealand	AK	Auckland City		P.D.D.	-36.89056	174.72756	36m	1956	10	2		trap		
1		Hyperomyzus carduellinus	Hyperomyzus carduellinus	KPL	New Zealand	AK	Auckland City		P.D.D.	-36.89056	174.72756	36m	1956	10	2	Lamb, K.P.	trap		
1		Hyperomyzus carduellinus	Hyperomyzus carduellinus	KPL	New Zealand	AK	Auckland City		P.D.D.	-36.89056	174.72756	36m	1956	10	2	Lamb, K.P.	trap		
1		Hyperomyzus carduellinus	Hyperomyzus carduellinus	KPL	New Zealand	AK	Auckland City		P.D.D.	-36.89056	174.72756	36m	1957	1	25	Lamb, K.P.	tray		

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3	Macrosiphoniella sanborni	Macrosiphoniella sanborni		New Zealand	WI		Palmerston North		-40.35000	175.60000		1929	11	16	Chamberlain, F.F.	Chrysanthemum	Chrysanthemum	
5	Macrosiphoniella sanborni	Macrosiphoniella sanborni		New Zealand	WI		Palmerston North		-40.35000	175.60000		1929	11	16	Cottier, W.	Chrysanthemum sp. on flower stalks	Chrysanthemum	
5	Macrosiphoniella sanborni	Macrosiphoniella sanborni		New Zealand	WI		Palmerston North		-40.35000	175.60000		1930	12	14	Cottier, W.	Chrysanthemum	Chrysanthemum	
1	Macrosiphoniella sanborni	Macrosiphoniella sanborni		New Zealand	WI		Palmerston North		-40.35000	175.60000		1933	5	12	Cottier, W.	Chrysanthemum	Chrysanthemum	
8	Macrosiphoniella sanborni	Macrosiphoniella sanborni		New Zealand	WI		Palmerston North		-40.35000	175.60000		1933	5	12	Dallas, W.K.	Chrysanthemum	Chrysanthemum	
10	Macrosiphoniella sanborni	Macrosiphoniella sanborni		New Zealand	AK	Auckland City	Auckland		-36.85000	174.75000		1934	2	20	Taylor, G.G.	Chrysanthemum	Chrysanthemum	
9	Macrosiphoniella sanborni	Macrosiphoniella sanborni		New Zealand	CO		Alexandra		-45.25167	169.38851	146m	1938	3	12	Williams, W.R.L.	Chrysanthemum	Chrysanthemum	
6	Macrosiphoniella sanborni	Macrosiphoniella sanborni		New Zealand	AK	Auckland City	Auckland		-36.85000	174.75000		1939	6	2	Cottier, W.	Chrysanthemum	Chrysanthemum	
1	Macrosiphum solanifolii	Macrosiphum euphorbiae		New Zealand								1921	7	27	Myers, J.G.	Sonchus oleraceus among	Sonchus oleraceus	
1	Macrosiphum gei	Macrosiphum euphorbiae		New Zealand								1927	2	1	Cottier, W.	potato foliage	Solanum tuberosum	
5	Macrosiphum solanifolii	Macrosiphum euphorbiae		New Zealand	WI		Palmerston North		-40.35000	175.60000		1929	1	30	Cottier, W.	carnations	Dianthus caryophyllus	
18	Macrosiphum gei	Macrosiphum euphorbiae		New Zealand	WI		Palmerston North		-40.35000	175.60000		1929	1	30	Cottier, W.	carnations	Dianthus caryophyllus	
1	Macrosiphum solanifolii	Macrosiphum euphorbiae		New Zealand	WI		Palmerston North		-40.35000	175.60000		1929	1		Cottier, W.	carnations	Dianthus caryophyllus	
3	Macrosiphum gei	Macrosiphum euphorbiae		New Zealand								1929	1		Cottier, W.	potato foliage	Solanum tuberosum	
1	Macrosiphum gei	Macrosiphum euphorbiae		New Zealand	South Island							1929	2		Cottier, W.	potato foliage	Solanum tuberosum	
2	Macrosiphum gei	Macrosiphum euphorbiae		New Zealand								1929	5		Cottier, W.	potato	Solanum tuberosum	
1	Macrosiphum solanifolii	Macrosiphum euphorbiae		New Zealand	AK		Auckland	Winter Garden	-36.85000	174.76667		1929	9	19	Cottier, W.	Cineraria	Cineraria	
1	Macrosiphum gei	Macrosiphum euphorbiae		New Zealand	AK		Auckland		-36.85000	174.75000		1929	9	19	Cottier, W.	Rosa	Rosa	
1	Macrosiphum gei	Macrosiphum euphorbiae		New Zealand	AK		Auckland		-36.85000	174.75000		1929	9	19	Cottier, W.	rose	Rosa	
2	Macrosiphum gei	Macrosiphum euphorbiae		New Zealand	WI		Palmerston North		-40.35000	175.60000		1929	10	14	Chamberlain, F.F.	Veronica sp.	Veronica	
2	Macrosiphum gei	Macrosiphum euphorbiae		New Zealand	NN		Nelson		-41.26667	173.26667		1929	11	2	Dumbleton, L.J.	Digitalis sp.	Digitalis	
2	Macrosiphum gei	Macrosiphum euphorbiae		New Zealand	WI		Palmerston North		-40.35000	175.60000		1929	11	26	Chamberlain, F.F.	poppy	Papaver	
1	Macrosiphum gei	Macrosiphum euphorbiae		New Zealand	WI		[illeg = Palmerston North]					1929	9?	21?	[illeg = Chamberlain, F.F.]	[illeg]		
1	Macrosiphum gei	Macrosiphum euphorbiae		New Zealand	MC		Christchurch		-43.53333	172.63333		1930	1		Cottier, W.	hawthorn	Crataegus monogyna	
8	Macrosiphum gei	Macrosiphum euphorbiae		New Zealand	WI		Palmerston North		-40.35000	175.60000		1930	2		Drake, H.	carnations	Dianthus caryophyllus	
12	Macrosiphum gei	Macrosiphum euphorbiae		New Zealand	NN		Nelson		-41.26667	173.26667		1930	6	11	Gourlay, E.S.	sow thistle	Sonchus	
1	Macrosiphum gei	Macrosiphum euphorbiae		New Zealand								1930	9	14		rhubarb at base of flower stalk	Rheum rhabarbarum	
1	Macrosiphum gei	Macrosiphum euphorbiae		New Zealand	WI		Palmerston North		-40.35000	175.60000		1930	11	17	Cottier, W.	rose	Rosa	
1	Macrosiphum gei	Macrosiphum euphorbiae		New Zealand	WI		Palmerston North		-40.35000	175.60000		1930	12	12	Cottier, W.	lily	Lilium	
6	Mac. solanifolii	Macrosiphum euphorbiae		New Zealand	WI		Palmerston North		-40.35000	175.60000		1930	12	12	Cottier, W.	poppy	Papaver	
4	Mac. solanifolii	Macrosiphum euphorbiae		New Zealand	WI		Palmerston North		-40.35000	175.60000		1930	12	12	Cottier, W.	Salpiglossos	Salpiglossis	
5	Mac. solanifolii	Macrosiphum euphorbiae		New Zealand	WI		Palmerston North		-40.35000	175.60000		1930	12	12	Cottier, W.	Solanum sp.	Solanum	
4	Mac. solanifolii	Macrosiphum euphorbiae		New Zealand	WI		Palmerston North		-40.35000	175.60000		1930	12	14	Cottier, W.	Chrysanthemum	Chrysanthemum	
7	Mac. solanifolii	Macrosiphum euphorbiae		New Zealand	CO		Alexandra	Orchard Institute	-45.18333	169.31667		1931	3	5	Lloyd Williams, W.R.	Chenopodium album	Chenopodium album	
1	Macrosiphum gei	Macrosiphum euphorbiae		New Zealand	WI		Palmerston North		-40.35000	175.60000		1931	3		Cottier, W.	Solanum nigrum	Solanum nigrum	
2	Macrosiphum gei	Macrosiphum euphorbiae		New Zealand	CO		Alexandra	Orchard Institute	-45.18333	169.31667		1931	3			Sonchus (sowthistle)	Sonchus	
1	Macrosiphum solanifolii	Macrosiphum euphorbiae		New Zealand	CO		Alexandra		-45.25167	169.38851	146m	1931	3		Williams, Lloyd	nightshade	Solanum nigrum	
3	Macrosiphum solanifolii	Macrosiphum euphorbiae		New Zealand	CO		Alexandra	Orchard Institute	-45.18333	169.31667		1931	3		Lloyd Williams, W.R.	nightshade	Solanum	
3	Macrosiphum gei	Macrosiphum euphorbiae		New Zealand	CO		Alexandra	Orchard Institute	-45.18333	169.31667		1931	3		Cottier, W.	Solanum nigrum	Solanum nigrum	
5	Mac. solanifolii	Macrosiphum euphorbiae		New Zealand	CO		Alexandra		-45.25167	169.38851	146m	1931	3		Lloyd Williams, W.R.	tomato	Solanum lycopersicum	
6	Mac. solanifolii	Macrosiphum euphorbiae		New Zealand	WI		Palmerston North		-40.35000	175.60000		1931	4	8	Cottier, W.	Rumex sp. (dock)	Rumex	
1	Macrosiphum solanifolii	Macrosiphum euphorbiae	HRL 1933	New Zealand	WI		Palmerston North		-40.35000	175.60000		1931	10	25	Cottier, W.	Ceanothus sp.	Ceanothus	
1	Macrosiphum solanifolii	Macrosiphum euphorbiae		New Zealand	WI		Palmerston North		-40.35000	175.60000		1931	10	30	Gibbs, J.G.	madder	Rubia	
1	Macrosiphum gei	Macrosiphum euphorbiae		New Zealand	WI		Palmerston North		-40.35000	175.60000		1931	11	1		Pittosporum eugenoides	Pittosporum eugenoides	
1	Macrosiphum solanifolii	Macrosiphum euphorbiae	HRL 1933	New Zealand	WI		Palmerston North		-40.35000	175.60000		1931	11	17	Cottier, W.	Asparagus	Asparagus	
1	Macrosiphum gei	Macrosiphum euphorbiae		New Zealand	WI		Palmerston North		-40.35000	175.60000		1931	11	17	Cottier, W.	Iris	Iris	
1	Macrosiphum gei	Macrosiphum euphorbiae		New Zealand	WI		Palmerston North		-40.35000	175.60000		1931	11	17	Cottier, W.	orange	Citrus	
2	Macrosiphum gei	Macrosiphum euphorbiae		New Zealand	WI		Palmerston North		-40.35000	175.60000		1931	11	17	Cottier, W.	spinach	Spinacea oleracea	

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slide count	label det	species	det_by	country	admin1 / Crosby area	admin3	locality	site	lat	long	elevation	year	month	day	collector	label host	stand host	notes for database
2	Macrosiphum gei	Macrosiphum euphorbiae		New Zealand	WI		Palmerston North		-40.35000	175.60000		1931	12	12	Cottier, W.	Solanum sp. hedge	Solanum	
1	Macrosiphum gei	Macrosiphum euphorbiae		New Zealand	NN		Nelson		-41.26667	173.26667		1931	12			apple	Malus	
1	Macrosiphum gei	Macrosiphum euphorbiae		New Zealand	NN		Nelson	Orch. Inst.				1931	12			apple	Malus	
3	Macrosiphum gei	Macrosiphum euphorbiae		New Zealand	WO		Hamilton	N.Z. Orch. Inst.	-38.78248	174.33102		1931	12			pears	Pyrus communis	
2	Mac. solanifolii	Macrosiphum euphorbiae		New Zealand	NN	Nelson	Appleby		-41.30240	173.11374		1931			Thorp, J.H.	Del. apple	Malus	
1	Macrosiphum gei	Macrosiphum euphorbiae		New Zealand	WI		Palmerston North		-40.35000	175.60000		1932	11	17	Cottier, W.	Asparagus	Asparagus	
1	Macrosiphum gei	Macrosiphum euphorbiae		New Zealand	NN		Nelson		-41.26667	173.26667		1932	11	20	Dallas, W.K.	Delicious apple	Malus	
1	Mac. solanifolii	Macrosiphum euphorbiae		New Zealand	WI		Palmerston North		-40.35000	175.60000		1934	1	9	Cottier, W.	tobacco flower	Nicotiana tabacum	
1	Mac. solanifolii	Macrosiphum euphorbiae		New Zealand	WI		Palmerston North		-40.35000	175.60000		1934	4	17	Cottier, W.	hazel (Corylus sp.)	Corylus	
4	Mac. solanifolii	Macrosiphum euphorbiae		New Zealand	MB		Blenheim		-41.50000	173.95000		1936	11	25	Chamberlain, F.F.	Cal. thistle	Cirsium arvense	
2	Mac. solanifolii	Macrosiphum euphorbiae		New Zealand	WN		Hult.					1936	11	27	Chamberlain, F.F.	tomato	Solanum lycopersicum	
2	Mac. solanifolii	Macrosiphum euphorbiae		New Zealand	AK		Auckland		-36.85000	174.75000		1936	11	30	Taylor, G.G.			
14	Mac. solanifolii	Macrosiphum euphorbiae		New Zealand								1936	12	12	Chamberlain, F.F.	tomato	Solanum lycopersicum	
28	Macrosiphum solanifolii	Macrosiphum euphorbiae		New Zealand	TK		Stratford		-39.33333	174.28333		1936	12	28	Cottier, W.	Solanum sp.	Solanum	
3	Mac. solanifolii	Macrosiphum euphorbiae		New Zealand	WI		Palmerston North		-40.35000	175.60000		1937	1	2	Cottier, W.	sowthistle	Sonchus	
7	Mac. solanifolii	Macrosiphum euphorbiae		New Zealand	BP		Tauranga		-37.66667	176.15000		1937	2	18	Grainger, A.R.	Zinnia	Zinnia	
3	Mac. Solanifolii	Macrosiphum euphorbiae		New Zealand	WI		Palmerston North		-40.35000	175.60000		1937	3	2	Cottier, W.	sowthistle	Sonchus	
15	Mac. solanifolii	Macrosiphum euphorbiae		New Zealand	WI		Palmerston North		-40.35000	175.60000		1937	3	8	Cottier, W.	sowthistle	Sonchus	
11	Macrosiphum solanifolii	Macrosiphum euphorbiae		New Zealand	WI		Palmerston North		-40.35000	175.60000		1937	3	13	Cottier, W.	sowthistle	Sonchus	
1	Mac. solanifolii	Macrosiphum euphorbiae		New Zealand	WI		Palmerston North		-40.35000	175.60000		1937	3	13	Cottier, W.	tobacco flower	Nicotiana tabacum	
4	Mac. solanifolii	Macrosiphum euphorbiae		New Zealand	WI		Palmerston North		-40.35000	175.60000		1937	3	13	Cottier, W.	tobacco flower	Nicotiana tabacum	
1	Mac. solanifolii	Macrosiphum euphorbiae		New Zealand	WI		Palmerston North		-40.35000	175.60000		1937	3	21	Cottier, W.	sowthistle	Sonchus oleraceus	
12	Mac. solanifolii	Macrosiphum euphorbiae		New Zealand	WI		Palmerston North		-40.35000	175.60000		1937	3	21	Cottier, W.	sowthistle	Sonchus	
3	Mac. solanifolii	Macrosiphum euphorbiae		New Zealand	WI		Palmerston North		-40.35000	175.60000		1937	4	17	Cottier, W.	hazel (Corylus)	Corylus	
7	Mac. solanifolii	Macrosiphum euphorbiae		New Zealand	WI		Palmerston North		-40.35000	175.60000		1937	4	17	Cottier, W.	Hydrangea	Hydrangea	
2	Mac. solanifolii	Macrosiphum euphorbiae		New Zealand	NN		Motueka		-41.10132	173.00268		1937	4	27	Brittin, G.	sowthistle	Sonchus	
2	Mac. solanifolii	Macrosiphum euphorbiae		New Zealand	WI		Palmerston North		-40.35000	175.60000		1937	9	1	Cottier, W.	tobacco flower	Nicotiana tabacum	
15	Macrosiphum solanifolii	Macrosiphum euphorbiae		New Zealand	WI		Palmerston North		-40.35000	175.60000		1937	9	15	Cottier, W.	rose	Rosa	
6	Macrosiphum solanifolii	Macrosiphum euphorbiae		New Zealand	NN		Nelson		-41.26667	173.26667		1937	11	7	Hamilton, A.	St. John's Wort	Hypericum perforatum	
1	Macrosiphum solanifolii	Macrosiphum euphorbiae		New Zealand	MC		Lyttleton					1937	11	16	Hamilton, A.			
5	Macrosiphum solanifolii	Macrosiphum euphorbiae		New Zealand	WI		Palmerston North		-40.35000	175.60000		1937	12	3	Cottier, W.	garden peas	Pisum sativum	
5	Mac. solanifolii	Macrosiphum euphorbiae		New Zealand	CO	Old Man Range				4500'		1938	2	10	Chamberlain, E.E.	Aciphylla colensi	Aciphylla colensoi	
7	Macrosiphum solanifolii	Macrosiphum euphorbiae		New Zealand	TO		Taumarunui		-38.88333	175.26667		1938	11	27	Chamberlain, F.F.	gladiolus	Gladiolus	
2	Mac. solanifolii	Macrosiphum euphorbiae		New Zealand	AK		Papatoetoe		-36.96667	174.83333		1945	2	6	Taylor, G.G.	tomatoes	Solanum lycopersicum	
1	Macrosiphum solanifolii	Macrosiphum euphorbiae		New Zealand	AK		Avondale		-36.88333	174.70000		1945	10	30	Chamberlain, F.F.	tomato roots	Solanum lycopersicum	
4	Mac. solanifolii	Macrosiphum euphorbiae		New Zealand	MC		Christchurch		-43.53333	172.63333		1945	10	31	Rollo, L.J.	Aquilegia	Aquilegia	
1	Macrosiphum solanifolii	Macrosiphum euphorbiae		New Zealand	AK		Auckland		-36.85000	174.75000		1945	10	31	Rollo, L.J.	Fumaria officinalis	Fumaria officinalis	
1	Macrosiphum solanifolii	Macrosiphum euphorbiae		New Zealand	TK		Waitara		-38.99252	174.24997		1946	10	31	Minchin, C.W.	tomatoes	Solanum lycopersicum	
1	Macrosiphum solanifolii	Macrosiphum euphorbiae		New Zealand	HB		Hastings		-39.63608	176.82443		1946	11	3	Masters, F.	apple	Malus	
1	Macrosiphum solanifolii	Macrosiphum euphorbiae		New Zealand	AK		Auckland	glasshouse	-38.88333	172.71667		1946	12		Fry, P.	dock roots	Rumex	
1	Macrosiphum solanifolii	Macrosiphum euphorbiae		New Zealand	ND		Kerikeri		-35.22446	173.95110		1947	2	3	Everett, p.	egg plant	Solanum melongena	
1	Macrosiphum euphorbiae	Macrosiphum euphorbiae	W.C.	New Zealand	AK	Auckland City	Auckland	insectary	-36.85000	174.75000		1949	10	14	Cottier, W.	black currant	Ribes nigrum	
2	Macrosiphum euphorbiae	Macrosiphum euphorbiae		New Zealand	CO		Roxburgh		-45.53333	169.30000		1951	5	4	Coombe, J.	Rubus idaeus	Rubus idaeus	
2	Macrosiphum euphorbiae	Macrosiphum euphorbiae		New Zealand	CO		Roxburgh		-45.53333	169.30000		1951	5	4	Coombe, J.	Rubus idaeus	Rubus idaeus	
1	Macrosiphum euphorbiae	Macrosiphum euphorbiae	KPL/WC	New Zealand	AK	Auckland City		P.D.D.	-36.89056	174.72756	36m	1956	7	30	Lamb, K.P.	trap		
1	Macrosiphum euphorbiae	Macrosiphum euphorbiae		New Zealand	AK	Auckland City		P.D.D.	-36.89056	174.72756	36m	1956	9	25	Lamb, K.P.	trap		
1	Macrosiphum euphorbiae	Macrosiphum euphorbiae		New Zealand	AK	Auckland City		P.D.D.	-36.89056	174.72756	36m	1956	10	12	Lamb, K.P.	trap		
1	Macrosiphum euphorbiae	Macrosiphum euphorbiae	WC	New Zealand								1956	10	29				
2	Macrosiphum euphorbiae	Macrosiphum euphorbiae	KPL	New Zealand	AK			P.D.D. greenhouse	-36.89056	174.72756	36m	1957	1	9	P.R.F.	Hoya	Hoya	
2	Macrosiphum euphorbiae	Macrosiphum euphorbiae		New Zealand	AK	Auckland City		P.D.D.	-36.89056	174.72756	36m	1957	12	11	Hunter, J.	young apples	Malus	
1	Macrosiphum euphorbiae	Macrosiphum euphorbiae		New Zealand	MC		Lincoln		-43.64025	172.48428	8m	1960	10	31	Lowe, A.D.	pea	Pisum sativum	

mate	identification			location						date			collection	host				
slide count	label det	species	det_by	country	admin1 / Crosby area	admin3	locality	site	lat	long	elevation	year	month	day	collector	label_host	stand_host	notes for database
1	Macrosiphum euphorbiae	Macrosiphum euphorbiae		New Zealand	AU		Crozier Pt.	1-20m	-50.53333	166.28333		1962	12	28	Gressitt, J.L.	Poa	Poa	
1	Macrosiphum euphorbiae	Macrosiphum euphorbiae		New Zealand	AU		Ocean I.	1-18m	-50.51667	166.26667		1962	12	29	Wise, K.A.J.			
2	Macrosiphum euphorbiae	Macrosiphum euphorbiae	W. Cottier	New Zealand	NN		Appleby	Appleby Research Orchard	-41.30240	173.11374		1963	11	28		Delicious C	Malus	
2	Macrosiphum euphorbiae	Macrosiphum euphorbiae	R.G. Sunde	New Zealand	AK		Mangere		-36.96667	174.80000		1977	5	29	Borthow, B.	Freesias	Freesia	
1	Macrosiphum euphorbiae?	Macrosiphum euphorbiae	R.G. Sunde	New Zealand	AK	Auckland City	Henderson	Bruce McLaren Rd, Fruit Research Orchard	-36.89743	174.61708		1978	10	13	Tocker, M.F.	on leaf Pyrus communis	Pyrus communis	
3	Macrosiphum euphorbiae?	Macrosiphum euphorbiae	R.G. Sunde	New Zealand	AK	Auckland City	Henderson	Bruce McLaren Rd, Fruit Research Orchard	-36.89743	174.61708		1978	10	13	Deitz, L.L.	on leaf Pyrus communis	Pyrus communis	
2	Macrosiphum euphorbiae	Macrosiphum euphorbiae	R.G. Sunde	New Zealand	MC		Lincoln		-43.64025	172.48428	8m	1978	11	28	Harris, B.	sweeping Lupinus angustifolia	Lupinus angustifolia	
1	Macrosiphum euphorbiae	Macrosiphum euphorbiae	R.G. Sunde	New Zealand	ND	Cavalli Is.	Hamaruru I.		-34.97453	173.93650		1979	1	1	Roberts, L.	Phormium tenax	Phormium tenax	
3	Macrosiphum euphorbiae	Macrosiphum euphorbiae		New Zealand	AK	Auckland City	Mt. Albert		-36.88333	174.71667		1979	9	11	Hebert, P.	flower of Tulipa sp.	Tulipa	
2	Macrosiphum euphorbiae	Macrosiphum euphorbiae	RC Henderson 1996	New Zealand	AK	Auckland City	Auckland		-36.85000	174.75000		1996	10	24	Workman, P.	lettuce leaves	Lactuca	
1	Macrosiphum euphorbiae	Macrosiphum euphorbiae		New Zealand	AK	Auckland City		Auckland Domain	-36.85000	174.76667		2005	3	13	Henderson, R.C./Meier, X.	Petrea volubilis underside leaf	Petrea volubilis	
1	Macrosiphum solanifolii	Macrosiphum euphorbiae	HRL 1933	New Zealand	CO		Alexandra	Orchard Institute	-45.18333	169.31667					Cottier, W.	Solanum nigrum	Solanum nigrum	
1	Macrosiphum gei	Macrosiphum euphorbiae		New Zealand	AK		Auckland		-36.85000	174.75000		????	9	19	Cottier, W.			
1	Macrosiphum euphorbiae	Macrosiphum euphorbiae		New Zealand	AK	Auckland City		P.D.D.	-36.89056	174.72756	36m	[1956]	9	26	Lamb, K.P.	trap		
2	Mac. solanifolii	Macrosiphum euphorbiae		New Zealand												"host unknown"		
1	Macrosiphum solanifolii	Macrosiphum euphorbiae	Imp. Bur.	New Zealand	HB		Hastings		-39.63608	176.82443					Dumbleton, L.J.	apple	Malus	
1	Macrosiphum gei	Macrosiphum euphorbiae		New Zealand												Cal. thistle	Cirsium arvense	
2	Macrosiphum euphorbiae	Macrosiphum euphorbiae	WC	New Zealand				imported from New Zealand to							O'Connor, G.A.	lettuce	Lactuca	
1	Macrosiphum gei	Macrosiphum euphorbiae		New Zealand												poppy	Papaver	
1	Macrosiphum solanifolii	Macrosiphum euphorbiae		New Zealand												potato	Solanum tuberosum	
2	Macrosiphum gei	Macrosiphum euphorbiae		New Zealand												potato	Solanum tuberosum	
1	Macrosiphum euphorbiae	Macrosiphum euphorbiae	W.C.	New Zealand				HE6 51 paddock										
1	Macrosiphum euphorbiae	Macrosiphum euphorbiae	W.C.	New Zealand				HE6 RS 14 Road										
3	Macrosiphum euphorbiae	Macrosiphum euphorbiae	WC	New Zealand				HE6 51 paddock										
3	Macrosiphum hellebori	Macrosiphum hellebori		New Zealand	MC		Christchurch		-43.53333	172.63333		1968	10	1	Healy, A.J.	Helleborus niger	Helleborus niger	
6	Macrosiphum hellebori	Macrosiphum hellebori	R.G. Sunde	New Zealand	AK	Auckland City	Mt Roskill	21 Clinker St.	-36.91440	174.73402		1980	10	15	Gittos, H.	Helleborus niger	Helleborus niger	
1	Macrosiphum rosae	Macrosiphum rosae		New Zealand	WI		Aramoho		-39.89457	175.05950		1921	8	27		rose	Rosa	
3	Macrosiphum rosae	Macrosiphum rosae		New Zealand	WI		Palmerston North		-40.35000	175.60000		1929	4	4	Cottier, W.	rose	Rosa	
8	Macrosiphum rosae	Macrosiphum rosae		New Zealand	AK	Auckland City	Auckland		-36.85000	174.75000		1929	9	19	Cottier, W.	rose	Rosa	
2	Macrosiphum rosae	Macrosiphum rosae		New Zealand	TK		Stratford		-39.33333	174.28333		1929	11	1	Cottier, W.	rose	Rosa	
3	Macrosiphum rosae	Macrosiphum rosae		New Zealand	TK		Stratford		-39.33333	174.28333		1929	11	1	Cottier, W.	rose (Rosa sp.)	Rosa	
1	M. rosae	Macrosiphum rosae		New Zealand	WI		Palmerston North		-40.35000	175.60000		1929			Cottier, W.	rose	Rosa	
1	Macrosiphum rosae	Macrosiphum rosae	HRL 1933	New Zealand	WI		Palmerston North		-40.35000	175.60000		1929			Cottier, W.	rose	Rosa	
2	Macrosiphum rosae	Macrosiphum rosae		New Zealand	WI		Palmerston North		-40.35000	175.60000		1930	11	6	Cottier, W.	rose	Rosa	
1	Macrosiphum rosae	Macrosiphum rosae		New Zealand	WI		Palmerston North		-40.35000	175.60000		1930	11	6	Cottier, W.	rose (Rosa sp.)	Rosa	
1	Macrosiphum rosae	Macrosiphum rosae	HRL 1933	New Zealand	WI		Palmerston North		-40.35000	175.60000		1931	11	17	Cottier, W.	currant	Ribes	
13	Mac. rosae	Macrosiphum rosae		New Zealand	GB		Gisborne		-38.66667	178.01667		1933	12	5	Everett, P.	rose	Rosa	
2	Mac. rosae	Macrosiphum rosae		New Zealand	WI		Palmerston North		-40.35000	175.60000		1934	5	1	Cottier, W.	rose	Rosa	
1	Macrosiphum rosae	Macrosiphum rosae		New Zealand	WI		Palmerston North		-40.35000	175.60000		1936	6	11	Cottier, W.	rose (Rosa sp.)	Rosa	
7	Macrosiphum rosae	Macrosiphum rosae		New Zealand	WI		Palmerston North		-40.35000	175.60000		1936	10	24	Cottier, W.	rose	Rosa	
27	Macrosiphum rosae	Macrosiphum rosae		New Zealand	WI		Palmerston North		-40.35000	175.60000		1936	12	19	Cottier, W.	rose	Rosa	
20	Macrosiphum rosae	Macrosiphum rosae		New Zealand	WI		Wanganui		-39.91667	175.03333		1936	12	19	Chamberlain, F.F.	rose	Rosa	
13	Mac. rosae	Macrosiphum rosae		New Zealand	TK		Stratford		-39.33333	174.28333		1936	12	28	Cottier, W.	rose	Rosa	
41	Mac. rosae	Macrosiphum rosae		New Zealand	CO							1937	1	23	Chamberlain, F.F.	wild briars	Rosa canina	
3	Mac. rosae	Macrosiphum rosae		New Zealand	DN		Dunedin		-45.86667	170.50000		1937	2	8	Saxby, S.H.	Rosa	Rosa	
6	Mac. rosae	Macrosiphum rosae		New Zealand	TK		Stratford		-39.33333	174.28333		1937	3	29	Cottier, W.	rose	Rosa	
2	Mac. rosae	Macrosiphum rosae		New Zealand	TK		Stratford		-39.33333	174.28333		1937	3	29	Cottier, W.	rose	Rosa	
5	Mac. rosae	Macrosiphum rosae		New Zealand	WI		Palmerston North		-40.35000	175.60000		1937	4	17	Cottier, W.	rose	Rosa	
1	Mac. rosae	Macrosiphum rosae		New Zealand	WI		Palmerston North		-40.35000	175.60000		1937	5	1	Cottier, W.	rose	Rosa	

mate	identification			location							date			collection	host			
	label det	species	det_by	country	admin1 / Crosby area	admin3	locality	site	lat	long	elevation	year	month	day	collector	label_host	stand_host	notes for database
2	Mac. rosae	Macrosiphum rosae		New Zealand	WI		Palmerston North		-40.35000	175.60000		1937	5	12	Cottier, W.	rose	Rosa	
5	Macrosiphum rosae	Macrosiphum rosae		New Zealand	TK		Stratford		-39.33333	174.28333		1937	5	22	Cottier, W.	rose	Rosa	
1	Mac. rosae	Macrosiphum rosae		New Zealand	NN		Motueka		-41.10132	173.00268		1937	5		Cottier, W.	rose	Rosa	
1	Mac. rosae	Macrosiphum rosae		New Zealand	TK		Stratford		-39.33333	174.28333		1937	7	23	Cottier, W.	rose	Rosa	
1	Macrosiphum rosae	Macrosiphum rosae		New Zealand	AK	Auckland City	Auckland		-36.85000	174.75000		1945	2	17	Taylor, G.G.	pear shoots	Pyrus	
1	Macrosiphum rosae	Macrosiphum rosae		New Zealand	AK	Auckland City		P.D.D	-36.89056	174.72756	36m	1956	7	20	Lamb, K.P.	trap		
1		Megoura "stufkensi"	Eastop VF (VFE)	New Zealand	MC		Kaitorete Spit	by fence of scientific reserve	-43.828199°	172.60215	1m	2005	1	12	Stufkens, M.	Carmichaelia appressa	Carmichaelia appressa	native aphid, paratypes
1		Megoura "stufkensi"	Eastop VF (VFE)	New Zealand	MC		Kaitorete Spit	by water tank	-43.816580°	172.61189	1m	2005	1	12	Stufkens, M.	Carmichaelia australis	Carmichaelia australis	native aphid, paratypes
1		Megoura "stufkensi"	Eastop VF (VFE)	New Zealand	MC		Kaitorete Spit	by pump shed	-43.816580°	172.61189	1m	2005	1	12	Stufkens, M.	Carmichaelia sp.	Carmichaelia	native aphid, holotype
1		Megoura "stufkensi"	Eastop VF (VFE)	New Zealand	MC		Kaitorete Spit	by pump shed	-43.816580°	172.61189	1m	2005	1	12	Stufkens, M.	Carmichaelia sp.	Carmichaelia	native aphid, paratypes
1		Megoura "stufkensi"	Eastop VF (VFE)	New Zealand	MC		Kaitorete Spit	by water tank	-43.816580°	172.61189	1m	2005	1	19	Stufkens, M.	Carmichaelia australis	Carmichaelia australis	native aphid, paratypes
1		Megoura "stufkensi"	Eastop VF (VFE)	New Zealand	MC		Kaitorete Spit	by water tank	-43.816580°	172.61189	1m	2005	2	21	Stufkens, M.	Carmichaelia australis	Carmichaelia australis	native aphid, paratypes
2	Metopolophium dirhodum	Metopolophium dirhodum	R. Henderson	New Zealand	AK	Auckland City	Mt. Albert	Mt Albert Reseach Centre	-36.89056	174.72756	36m	1994	7	19	Workman, P.	barley	Hordeum vulgare	
1	Metopolophium festucae	Metopolophium festucae	R.G. Sunde	New Zealand	AK		Waiuku		-37.23333	174.73333		1984	6	12	Sunde, R.G.	ryegrass	Lolium	
2	Moritzella corticalis	Moritzella corticalis	R.G. Sunde	New Zealand	NN		Nelson		-41.26667	173.26667					E.S.G.	oak	Quercus	
3	Myzaphis rosarum	Myzaphis rosarum		New Zealand	WI		Palmerston North		-40.35000	175.60000		1929	4	1	Cottier, W.	rose	Rosa	
6	Myzaphis rosarum	Myzaphis rosarum		New Zealand	WI		Palmerston North		-40.35000	175.60000		1929	9	19	Cottier, W.	rose leaf	Rosa	
5	Myzaphis rosarum	Myzaphis rosarum		New Zealand	WI		Palmerston North		-40.35000	175.60000		1930	6	11	Cottier, W.	rose	Rosa	
1	Myzaphis rosarum	Myzaphis rosarum		New Zealand								1930	9	14		on [illeg.] at base of flower stem		
1	Myzaphis rosarum	Myzaphis rosarum		New Zealand	WI		Palmerston North		-40.35000	175.60000		1931	11	17	Cottier, W.	rose	Rosa	
6	Myzaphis rosarum	Myzaphis rosarum		New Zealand	WI		Palmerston North		-40.35000	175.60000		1936	10	24	Cottier, W.	rose	Rosa	
5	Myzaphis rosarum	Myzaphis rosarum		New Zealand	WI		Palmerston North		-40.35000	175.60000		1936	12	12	Cottier, W.	rose	Rosa	
2	Myzaphis rosarum	Myzaphis rosarum		New Zealand	TK		Stratford		-39.33333	174.28333		1937	3	29	Cottier, W.	rose	Rosa	
5	Myzaphis rosarum	Myzaphis rosarum		New Zealand	WI		Palmerston North		-40.35000	175.60000		1937	4	17	Cottier, W.	rose	Rosa	
8	Myzaphis rosarum	Myzaphis rosarum		New Zealand	WI		Palmerston North		-40.35000	175.60000		1937	5	12	Cottier, W.	rose	Rosa	
1	Myzaphis rosarum	Myzaphis rosarum		New Zealand	AK	Auckland City	Auckland		-36.85000	174.75000		1952	10	22				
2	Myzaphis rosarum	Myzaphis rosarum	KPL	New Zealand	AK	Auckland City		P.D.D	-36.89056	174.72756	36m	1956	10	4	Lamb, K.P.	trap		
1	Myzaphis rosarum	Myzaphis rosarum		New Zealand														
3	Myzocallis arundicolens	Myzocallis arundicolens		New Zealand	BP		Whakarewarewa		-38.16667	176.25000		1937	11	10	Chamberlain, F.F.	bamboo		
1	Myzocallis carpini	Myzocallis carpini		New Zealand	MC		Christchurch		-43.53333	172.63333		1977	11	30	Budgeon, L.A.	Carpinus betulus	Carpinus betulus	
1	Myzocallis carpini	Myzocallis carpini		New Zealand	MC		Christchurch		-43.53333	172.63333		1977	12	15	Budgeon, L.A.	Carpinus betulus	Carpinus betulus	
1	Myzocallis carpini	Myzocallis carpini		New Zealand	MC		Christchurch		-43.53333	172.63333		1977	12	15	Budgeon, L.A.	Carpinus betulus	Carpinus betulus	
1	Myzocallis castanicola	Myzocallis castanicola		New Zealand	MC		Christchurch		-43.53333	172.63333		1921	11	19	Myers, J.G.	oak	Quercus	
1	Myzocallis castanicola	Myzocallis castanicola		New Zealand	NN		Nelson		-41.26667	173.26667		1922	10	17		oak	Quercus	
1	Tuberculatus castanicola	Myzocallis castanicola	HRL 1933	New Zealand	NN		Nelson		-41.26667	173.26667		1922	10	17		oak	Quercus	
5	Myzocallis castanicola	Myzocallis castanicola		New Zealand	WI		Palmerston North		-40.35000	175.60000		1937	4	10	Cottier, W.	oak	Quercus	
1	Myzocallis castanicola	Myzocallis castanicola		New Zealand	WI		Palmerston North		-40.35000	175.60000		1937	4	24	Cottier, W.	oak	Quercus	
2	Myzocallis castanicola	Myzocallis castanicola		New Zealand	WI		Palmerston North		-40.35000	175.60000		1937	5	12	Cottier, W.	chestnut	Castanea	
2	Myzocallis castanicola	Myzocallis castanicola		New Zealand	WI		Palmerston North		-40.35000	175.60000		1937	11	15	Cottier, W.	chestnut	Castanea	
1	Myzocallis castanicola	Myzocallis castanicola	KPL	New Zealand	AK	Auckland City		P.D.D	-36.89056	174.72756	36m	1956	8	1	Lamb, K.P.	trap		
1	Myzocallis castanicola	Myzocallis castanicola	KPL	New Zealand	AK	Auckland City		P.D.D	-36.89056	174.72756	36m	1956	10	30	Lamb, K.P.	trap		
1	Myzocallis castanicola	Myzocallis castanicola	KPL	New Zealand	AK	Auckland City		P.D.D	-36.89056	174.72756	36m	1960	11	14	Lamb, K.P.	sticky trap		
1	Myzocallis castanicola	Myzocallis castanicola		New Zealand	WI		Palmerston North		-40.35000	175.60000		1937	4	10	Cottier, W.	oak	Quercus	
1	Myzocallis castanicola	Myzocallis castanicola		New Zealand	NN		Nelson		-41.26667	173.26667						oak	Quercus	
1	Myzocallis castanicola	Myzocallis castanicola		New Zealand	NN		Nelson		-41.26667	173.26667					Dumbleton, L.J.	Quercus	Quercus	
1	Myzocallis coryli	Myzocallis coryli	W. Cottier	New Zealand	WI		Palmerston North		-40.35000	175.60000		1936	11	14	Cottier, W.	ornamental elm	Ulmus	
4	Myzocallis coryli	Myzocallis coryli		New Zealand	ND		Kerikeri		-35.22446	173.95110		1936	12	17	Chamberlain, F.F.	hazelnut	Corylus	
4	Myzocallis coryli	Myzocallis coryli		New Zealand	HB		Hastings		-39.63608	176.82443		1937	1	28	Cottier, W.	hazelnut	Corylus	
1	Myzocallis coryli	Myzocallis coryli		New Zealand	WI		Palmerston North		-40.35000	175.60000		1937	4	3	Cottier, W.	ornamental elm	Ulmus	
4	Myzocallis coryli	Myzocallis coryli		New Zealand	WI		Waverley		-39.76037	174.61582		1938	6	7	Chamberlain, F.F.	hazelnut	Corylus	
1	Myzocallis coryli	Myzocallis coryli		New Zealand	AK	Auckland City	Owairaka		-36.88333	174.71667		1947	1		Carter, M.W.	hazelnut	Corylus	

mate	identification			location								date			collection	host		
slide count	label det	species	det_by	country	admin1 / Crosby area	admin3	locality	site	lat	long	elevation	year	month	day	collector	label host	stand host	notes for database
1	Myzus	Myzus		New Zealand	WI		Palmerston North	glasshouse	-40.35000	175.60000		1936	12	29	Cottier, W.	primrose in glasshouse	Primula	
1	Myzus	Myzus		New Zealand	WI		Palmerston North		-40.35000	175.60000		1937	11	10	Reid, W.D.	Chrysanthemum	Chrysanthemum	
1	Myzus ?ascalonicus	Myzus	KPL	New Zealand	AK	Auckland City		P.D.D.	-36.89056	174.72756	36m	1956	9	18	Lamb, K.P.	trap		
2	Myzus ascalonicus	Myzus ascalonicus	KPL	New Zealand	AK	Auckland City		P.D.D.	-36.89056	174.72756	36m	1956	9	12	Lamb, K.P.	trap		
1	Myzus ascalonicus	Myzus ascalonicus	KPL	New Zealand	AK	Auckland City		P.D.D.	-36.89056	174.72756	36m	1956	9	18	Lamb, K.P.	trap		
1	Myzus ascalonicus	Myzus ascalonicus	KPL	New Zealand	AK	Auckland City		P.D.D.	-36.89056	174.72756	36m	1956	9	19	Lamb, K.P.	trap		
1	Myzus ascalonicus	Myzus ascalonicus	KPL	New Zealand	AK	Auckland City		P.D.D.	-36.89056	174.72756	36m	1956	9	24	Lamb, K.P.	sticky trap		
1	Myzus ascalonicus	Myzus ascalonicus	KPL	New Zealand	AK	Auckland City		P.D.D.	-36.89056	174.72756	36m	1956	9	26	Lamb, K.P.	trap		
2	Myzus ascalonicus	Myzus ascalonicus	KPL	New Zealand	BP		Katikati		-37.55242	175.90385		1956	10	2	Dept. Agr.	stored onions	Allium	
1	Myzus ascalonicus	Myzus ascalonicus	KPL	New Zealand	AK	Auckland City		P.D.D.	-36.89056	174.72756	36m	1956	10	12	Lamb, K.P.	trap		
2	Myzus ascalonicus	Myzus ascalonicus		New Zealand	CA	Campbell Is.	Tucker Cove	4 m	-52.55000	169.13333		1961	11	23	Gressitt, J.L.	Stellaria?		
1	Myzus ascalonicus	Myzus ascalonicus		New Zealand	CA		Beeman Camp	2-50m	-52.55000	169.15000		1961	12	1	Gressitt, J.L.	trapnet		
1	Myzus ascalonicus	Myzus ascalonicus		New Zealand	CA		Beeman saddle	70m	-52.55000	169.15000		1961	12	12		Pleurophyllum	Pleurophyllum	
1	Myzus ascalonicus	Myzus ascalonicus		New Zealand	CA		Lookout Bay		-52.55000	169.15000		1961	12	30	Rennell, K.P.	Stilbocarpa polaris	Stilbocarpa polaris	
3	Myzus ascalonicus	Myzus ascalonicus		New Zealand	AU		Enderby I.	1-5m	-50.50000	166.30000		1963	1	2	Wise, K.A.J.	Rumex neglectus	Rumex neglectus	
3	Myzus ascalonicus	Myzus ascalonicus		New Zealand	AU		Enderby I.	Port Ross	-50.53333	166.26667		1963	1	2	Wise, K.A.J.			
1	Myzus ascalonicus	Myzus ascalonicus		New Zealand	AU		Rose I.		-50.51667	166.25000		1963	1	5	Gressitt, J.L.	Poa mould	Poa	
1	Myzus ascalonicus	Myzus ascalonicus		New Zealand	AU		Rose I.	1-10m	-50.51667	166.25000		1963	1	8	Gressitt, J.L.	ground cover plants near stream		
1	Myzus ascalonicus	Myzus ascalonicus		New Zealand	AU		Rose I.		-50.51667	166.25000		1963	1	8	Gressitt, J.L.	mat piles		
2	Myzus ascalonicus	Myzus ascalonicus		New Zealand	AU		Rose I.		-50.51667	166.25000		1963	1	8	Gressitt, J.L.	rabbit burrows		
1	Myzus ascalonicus	Myzus ascalonicus		New Zealand	AU		Bivouac Hill	540m	-50.58333	166.11667		1963	1	16	Gressitt, J.L.	tussock		
1	Myzus ascalonicus	Myzus ascalonicus		New Zealand	CA	Campbell Is.	Tucker Cove	0-100m	-52.55000	169.13333		1963	2	1	Wise, K.A.J.	Dracophyllum leaf mould	Dracophyllum	
1	Myzus ascalonicus	Myzus ascalonicus		New Zealand	CA		Beeman Hill		-52.55000	169.15000		1963	2	2	Wise, K.A.J.	Pleurophyllum	Pleurophyllum	
1	Myzus ascalonicus	Myzus ascalonicus		New Zealand	CA	Campbell Is.	Venus Cove		-52.56667	169.13333		1963	2	2	Rennell, K.P.	tussock		
1	Myzus ascalonicus	Myzus ascalonicus		New Zealand	CA		Camp Cove		-52.55000	169.15000		1963	2	5	Rennell, K.P.			
1	Myzus ascalonicus	Myzus ascalonicus		New Zealand	CA		Shoal Pt.		-52.55000	169.18333		1963	2	7	Wise, K.A.J.	berlese funnel		
1	Myzus ascalonicus	Myzus ascalonicus		New Zealand	CA		Shoal Pt.		-52.55000	169.18333		1963	2	7	Wise, K.A.J.	berlese funnel, Tillaea on shore	Tillaea	
1	Myzus ascalonicus	Myzus ascalonicus		New Zealand	CA		Moubray Hill		-52.55000	169.25000		1963	2	16	Wise, K.A.J.	berlese funnel		
1	Myzus ascalonicus	Myzus ascalonicus		New Zealand	CA		Perseverance Harbor		-52.56667	169.23333		1963	2	24	Wise, K.A.J.	berlese funnel		
1	Myzus ascalonicus	Myzus ascalonicus		New Zealand	CA	Campbell Is.	Tucker Cove	4 m	-52.55000	169.13333		1963	3	26	Wise, K.A.J.	malaise trap		
1	Myzus ascalonicus	Myzus ascalonicus		New Zealand	CA	Campbell Is.	Tucker Cove	4 m	-52.55000	169.13333		1963	3	26	Wise, K.A.J.	malaise trap		
1	Myzus ascalonicus	Myzus ascalonicus		New Zealand	CA		Mt. Honey	ca 140m	-52.56667	169.15000		1963	10	24	Wise, K.A.J.	berlese funnel		
1	Myzus ascalonicus	Myzus ascalonicus		New Zealand	AU		Musgrave Peninsula		-50.78333	166.03333		1966	2	1	Wise, K.A.J.			
1	Myzus ascalonicus	Myzus ascalonicus		New Zealand	CA		Mt Lyall	180m	-52.53333	169.16667		1969	1	10		plants		
1	Myzus ascalonicus	Myzus ascalonicus		New Zealand	CA		Beeman Camp		-52.55000	169.15000		1969	1	13		fern & Dracophyllum		
1	Myzus ascalonicus	Myzus ascalonicus		New Zealand	CA		Lookout Bay		-52.55000	169.15000		1969	1	16		litter		
1	Myzus ascalonicus	Myzus ascalonicus		New Zealand	AN		Reef Pt.	8 Beach	-49.69537	178.77874		1969	2	3		plants		
1	Myzus ascalonicus	Myzus ascalonicus		New Zealand	CA	Campbell Is.	Tucker Cove		-52.55000	169.13333			12	1	Gressitt, J.L.	grass		
1	Myzus ascalonicus	Myzus ascalonicus		New Zealand												litter		
1	Myzus ascalonicus	Myzus ascalonicus		New Zealand												litter		
1	Myzus ascalonicus	Myzus ascalonicus		New Zealand												plants		
2	Myzus cerasi	Myzus cerasi	W. Cottier	New Zealand	CO		Palmerston	Shag Valley	-45.31833	170.54113		1936	1	10	Bell, Dillon	cherry	Prunus	
4	Myzus cerasi	Myzus cerasi		New Zealand	CO		Otago					1936	1		Cottier, W.	cherry	Prunus	
3	Myzus cerasi	Myzus cerasi		New Zealand	RI	Pohangina Valley	Totara Reserve		-40.15000	175.85000		1936	11	14	Cottier, W.	Cardamine heterophylla	Cardamine heterophylla	
3	Myzus cerasi	Myzus cerasi		New Zealand	RI	Pohangina Valley	Totara Reserve		-40.15000	175.85000		1936	12	19	Cottier, W.	Cardamine heterophylla	Cardamine heterophylla	
9	Myzus cerasi	Myzus cerasi		New Zealand	WI		Palmerston North		-40.35000	175.60000		1936	12	19	Cottier, W.	Cardamine heterophylla	Cardamine heterophylla	
1	Myzus cerasi	Myzus cerasi		New Zealand	WI		Palmerston North		-40.35000	175.60000		1937	8	12	Proctor, C.	wart-cress		
2	Myzus cerasi	Myzus cerasi		New Zealand	CO		Alexandra		-45.25167	169.38851	146m	1937	11	24	Williams, Lloyd	cherry	Prunus	
21	Myzus cerasi	Myzus cerasi		New Zealand	CO		Alexandra		-45.25167	169.38851	146m	1937	12	2	Williams, Lloyd	cherry	Prunus	

mate	identification			location							date			collection	host				
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6	Myzus cerasi	Myzus cerasi			New Zealand	CO		Alexandra		-45.25167	169.38851	146m	1937	12	17	Williams, Lloyd	cherry	Prunus	
1	Myzus cerasi	Myzus cerasi			New Zealand	CO		Roxburgh	Coal Creek	-45.35000	169.28333		1944	1	4	Hume, J.	cherry	Prunus	
1	Myzus cerasi	Myzus cerasi	W. Cottier		New Zealand	AK		Auckland City	P.D.D	-36.89056	174.72756	36m	1956	8	13	Lamb, K.P.	trap		
1	Myzus cerasi	Myzus cerasi	W.C.		New Zealand								1956	10	25				
1	Myzus ?cerasi	Myzus cerasi			New Zealand	AK		Auckland City	P.D.D	-36.89056	174.72756	36m	1957	11	27	Lamb, K.P.	trays		
3	Myzus cerasi	Myzus cerasi			New Zealand														
2	Myzus certus	Myzus certus	R.G. Sunde		New Zealand	AK		Auckland City	Auckland	-36.85000	174.75000		1994	1	7	Hammett, K.	carnation leaves	Carnation	
2	Myzus cymbalariae	Myzus cymbalariae	KPL		New Zealand	AK		Auckland City	P.D.D	-36.89056	174.72756	36m	1956	9	14	Lamb, K.P.	trap		
1	Myzus cymbalariae	Myzus cymbalariae			New Zealand	AK		Auckland City	P.D.D	-36.89056	174.72756	36m	1956	9	17		trap		
1	Myzus cymbalariae	Myzus cymbalariae			New Zealand	AK		Auckland City	P.D.D	-36.89056	174.72756	36m	1956	9	19		trap		
1	Myzus cymbalariae	Myzus cymbalariae	R.G. Sunde		New Zealand	AK		Auckland City	Mt Albert	-36.89056	174.72756	36m	1977	11	6	Tocker, M.F.			
2	Myzus cymbalariae	Myzus cymbalariae	R.G. Sunde		New Zealand	AK		Auckland City	Auckland	-36.85000	174.75000		1994	1	7	Hammett, K.	carnation leaves	Carnation	
1	Myzus	Myzus ornatus			New Zealand	WI		Palmerston North	glasshouse	-40.35000	175.60000		1936	12	18	Cottier, W.	primrose in glasshouse	Primula	
1	Myzus ornatus?	Myzus ornatus			New Zealand	WI		Palmerston North		-40.35000	175.60000		1937	2	8	Cottier, W.	primrose	Primula	
6	Myzus	Myzus ornatus			New Zealand	RI			Totara Reserve	-40.11667	175.83333		1937	3	7	Cottier, W.	Bellis perennis	Bellis perennis	
7	Myzus	Myzus ornatus			New Zealand	WI		Palmerston North		-40.35000	175.60000		1937	7	7	Cottier, W.	primrose	Primula	
2	Myzus	Myzus ornatus			New Zealand	WI		Palmerston North	glasshouse	-40.35000	175.60000		1937	7	23	Cottier, W.	Anemone in glasshouse	Anemone	
5	Myzus	Myzus ornatus			New Zealand	WI		Palmerston North	glasshouse	-40.35000	175.60000		1937	7	23	Cottier, W.	violet leaves in glasshouse	Viola	
1	Myzus sp.	Myzus ornatus			New Zealand	WI		Palmerston North		-40.35000	175.60000		1937	8	12	Proctor, C.	Wart-cress		
4	Myzus	Myzus ornatus			New Zealand	WI		Wanganui		-39.91667	175.03333		1937	8	30	Chamberlain, F.	Anemone	Anemone	
2	Myzus	Myzus ornatus			New Zealand	WI		Palmerston North	glasshouse	-40.35000	175.60000		1937	8	30	Cottier, W.	Anemone in glasshouse	Anemone	
6	Myzus	Myzus ornatus			New Zealand	WI		Palmerston North	glasshouse	-40.35000	175.60000		1937	9	15	Proctor, C.	sub. clover in glasshouse	Trifolium subterraneum	
2	Myzus ornatus	Myzus ornatus			New Zealand	WI		Palmerston North	glasshouse	-40.35000	175.60000		1937	10	5	Cottier, W.	clover	Trifolium	
10	Myzus sp.	Myzus ornatus			New Zealand	WI		Palmerston North	glasshouse	-40.35000	175.60000		1937	10	5	Cottier, W.	clover in glasshouse	Trifolium	
1	Myzus	Myzus ornatus			New Zealand	WN		Wellington	Otari	-41.26667	174.75000		1937	12	8	Davey	Aciphylla squarosa	Aciphylla squarosa	
5	Myzus	Myzus ornatus			New Zealand	WI		Palmerston North		-40.35000	175.60000		1937	12	21	Cottier, W.	tree mallow	Lavatera	
1	Myzus ornatus	Myzus ornatus	W.C.		New Zealand	AK		Auckland City	Auckland	-36.85000	174.75000		1949	7	24	Rumsey, S.A.	buttercup	Ranunculus	
1	Myzus ornatus	Myzus ornatus			New Zealand	AK		Auckland City	P.D.D	-36.89056	174.72756	36m	1956	1	21	Lamb, K.P.	trap		
1	Myzus ornatus	Myzus ornatus	K.P. Lamb;W. Cottier		New Zealand	AK		Auckland City	P.D.D.	-36.89056	174.72756	36m	1956	7	12	Lamb, K.P.	tray		
1	Myzus ornatus	Myzus ornatus	K.P. Lamb;W. Cottier		New Zealand	AK		Auckland City	P.D.D.	-36.89056	174.72756	36m	1956	7	20	Lamb, K.P.	trap		
1	Myzus ornatus	Myzus ornatus	K.P. Lamb;W. Cottier		New Zealand	AK		Auckland City	P.D.D.	-36.89056	174.72756	36m	1956	8	6	Lamb, K.P.	trap		
1	Myzus ornatus	Myzus ornatus			New Zealand	AK		Auckland City	P.D.D	-36.89056	174.72756	36m	1956	8	23	Lamb, K.P.	trap		
1	Myzus ornatus	Myzus ornatus	K.P. Lamb		New Zealand	AK		Auckland City	P.D.D.	-36.89056	174.72756	36m	1956	10	4	Lamb, K.P.	trap		
1	Myzus ornatus	Myzus ornatus	K.P. Lamb		New Zealand	AK		Auckland City	P.D.D.	-36.89056	174.72756	36m	1956	10	11	Lamb, K.P.	trap		
1	Myzus ornatus	Myzus ornatus	W. Cottier		New Zealand	NN		Appleby	Appleby Research Orchard	-41.28333	173.08333		1963	11	28		Delicious C	Malus	
1	Myzus ornatus	Myzus ornatus	A.D.Lowe 1976		New Zealand	BP		Tauranga	Craig's property	-37.66667	176.15000		1975			Molvney, M.K.	leaf litter of Actinidia chinensis		
1	Myzus ornatus	Myzus ornatus			New Zealand	AK		Auckland City	Henderson	-36.89743	174.61708		1978	10	13	Deitz, L.L.	Pyrus communis leaf	Pyrus communis	
1	Myzus ornatus	Myzus ornatus	R.G. Sunde		New Zealand	AK		Auckland City	Mt. Albert	-36.88333	174.71667		1986	5	2	Herbert, P.	Lantana	Lantana	
1	Myzus persicae	Myzus persicae			New Zealand	WN		Wellington		-41.28333	174.76667		1921	9		Myers, J.G.	Lepidium draba	Lepidium draba	
1	Myzus persicae	Myzus persicae			New Zealand	WI		Palmerston North		-40.35000	175.60000		1929	9	22	Cottier, W.	pansy	Viola	
1	Myzus persicae	Myzus persicae			New Zealand	WI		Palmerston North		-40.35000	175.60000		1929	10	7	Cottier, W.	chickweed	Stellaria media	
1	Myzus persicae	Myzus persicae			New Zealand								1929			Cottier, W.	potato foliage	Solanum tuberosum	
1	Myzus persicae	Myzus persicae			New Zealand	WI		Palmerston North		-40.35000	175.60000		1930	6	21	Cottier, W.	swede	Brassica napus	
2	Myzus persicae	Myzus persicae			New Zealand	WI		Palmerston North		-40.35000	175.60000		1930	12	12	Cottier, W.	Daphne	Daphne	
3	Myzus persicae	Myzus persicae	DHRL 1933		New Zealand	CO		Alexandra	Orchard Institute	-45.18333	169.31667		1931	4	23	Cottier, W.	peach	Prunus persica	
1	Myzus persicae	Myzus persicae			New Zealand	WI		Palmerston North		-40.35000	175.60000		1931	11	17	Cottier, W.	Asparagus	Asparagus	
2	Myzus persicae	Myzus persicae			New Zealand	WI		Palmerston North		-40.35000	175.60000		1931	11	17	Cottier, W.	spinach	Spinacea oleracea	
2	Myzus persicae	Myzus persicae			New Zealand	CO		Alexandra		-45.25167	169.38851	146m	1931	11		Lloyd Williams, M.P.	peach	Prunus persica	
3	Myzus persicae	Myzus persicae			New Zealand	NN		Motueka		-41.10132	173.00268		1933	11	10	Stratford, G.	peach	Prunus persica	
1	Myzus persicae	Myzus persicae			New Zealand	WI		Palmerston North	glasshouse	-40.35000	175.60000		1934	1	13	Cottier, W.	dock in glasshouse	Rumex	

mate	identification			location						date			collection	host				
slide count	label det	species	det_by	country	admin1 / Crosby area	admin3	locality	site	lat	long	elevation	year	month	day	collector	label host	stand host	notes for database
1	Myzus persicae	Myzus persicae		New Zealand	WI		Palmerston North	glasshouse	-40.35000	175.60000		1936	12	10	Cottier, W.	cabbage in glasshouse	Brassica oleracea	
1	Myzus persicae	Myzus persicae		New Zealand	RI			Totara Reserve	-40.11667	175.83333		1937	3	7	Cottier, W.	supplejack	Ripogonum scandens	
7	Myzus persicae	Myzus persicae		New Zealand	WI		Palmerston North	glasshouse	-40.35000	175.60000		1937	3	13	Cottier, W.	rape in glasshouse	Brassica napus	
1	Myzus persicae	Myzus persicae		New Zealand	WI		Palmerston North		-40.35000	175.60000		1937	7	7	Cottier, W.	puriri	Vitex lucens	
3	Myzus persicae	Myzus persicae		New Zealand	AK		Auckland		-36.85000	174.75000		1938	9	5	Cottier, W.	pawpaws	Carica	
1	Myzus persicae	Myzus persicae	R.G. Sunde	New Zealand	AK	Auckland City	Mount Eden		-36.87678	174.76352		1977	11	28	Helmores, D.N.	Nopalxochia phyllanthoides	Nopalxochia phyllanthoides	
2	Myzus persicae	Myzus persicae		New Zealand	AK	Auckland City		Mt. Albert Research Centre	-36.89056	174.72756	36m	1998	5	15	Rogers, D.	lab colony originating from C & F colony		lab colony
1	Myzus persicae	Myzus persicae		New Zealand	AK	Auckland City		Mt. Albert Research Centre	-36.89056	174.72756	36m	1998	5	15	Rogers, D.	lab colony originating from Capsicum	Capsicum	lab colony
3	Myzus primulae	Myzus primulae		New Zealand	WI		Palmerston North		-40.35000	175.60000		1929	9	22	Cottier, W.	primrose	Primula	
3	Myzus primulae	Myzus primulae		New Zealand	WI		Palmerston North		-40.35000	175.60000		1929	9	22	Cottier, W.	primrose on underside of leaves	Primula	
1	Myzus primulae	Myzus primulae		New Zealand	WI		Palmerston North		-40.35000	175.60000		1934	4	7	Cottier, W.	primrose	Primula	
17	Myzus primulae/Aulacorthum	Myzus primulae/Aulacorthum		New Zealand	WI		Palmerston North		-40.35000	175.60000		1937	2	8	Cottier, W.	primrose	Primula	
1	Myzus persicae	Myzus persicae		New Zealand	WI		Palmerston North		-40.35000	175.60000		1929	5	24	Cottier, W.	Solanum tuberosum on leaves	Solanum tuberosum	
1	Myzus persicae	Myzus persicae		New Zealand	AK		Pukekohe		-37.20000	174.88333		1929	7	22	Cottier, W.	dock (Rumex)	Rumex	
1	Myzus persicae	Myzus persicae		New Zealand	WI		Palmerston North		-40.35000	175.60000		1930	12	12	Cottier, W.	lily	Lilium	
2	Myzus persicae	Myzus persicae		New Zealand	HB		Hastings		-39.63608	176.82443		1936	12	18	Todd, J.	rape	Brassica napus	
8	Myzus persicae	Myzus persicae		New Zealand	WI		Palmerston North		-40.35000	175.60000		1937	1	9	Cottier, W.	ornamental tobacco flower	Nicotiana	
6	Myzus persicae	Myzus persicae		New Zealand	WI		Palmerston North		-40.35000	175.60000		1937	12	21	Cottier, W.	tree mallow	Lavatera	
4	Myzus persicae	Myzus persicae		New Zealand	AK		Auckland		-36.85000	174.75000		1938	11	14	Spiller, D	marigold	Calendula	
2	Myzus persicae	Myzus persicae	Imp. Bur.	New Zealand											Dumbleton, L.J.	peach, Lepidium draba	Lepidium draba	
7	Myzus circumflexus / A. circumflexum [HRL 1933]	Neomyzus circumflexus		New Zealand	NN		Nelson		-41.26667	173.26667		1926	12	9	Cottier, W.	Cyclamen	Cyclamen	
2	Myzus circumflexus & A. circumflexum [HRL 1933]	Neomyzus circumflexus		New Zealand	NN		Nelson		-41.26667	173.26667		1926	12	9		Cyclamen	Cyclamen	
2	Myzus circumflexus	Neomyzus circumflexus		New Zealand	WI		Palmerston North		-40.35000	175.60000		1929	9	30	Cottier, W.	"tiger" lily on leaves		
1	Myzus circumflexus	Neomyzus circumflexus		New Zealand	AK		Pukekohe		-37.20000	174.88333		1929	10	22	Cottier, W.	potato foliage	Solanum tuberosum	
2	Myzus circumflexus	Neomyzus circumflexus		New Zealand	WI		Palmerston North		-40.35000	175.60000		1930	6	17	Cottier, W.	Iceland poppy/Papaver	Papaver nudicaule	
7	Myzus circumflexus / A. circumflexum [HRL 1933]	Neomyzus circumflexus		New Zealand	WI		Palmerston North		-40.35000	175.60000		1930	9	16	Tetley, J.H.	Arum lily	Zantedeschia	
1	Myzus circumflexus	Neomyzus circumflexus		New Zealand	WN		Mt. Matthews		-41.35177	175.01422		1930	10	26	Beddie, A.D.	Corysanthes rotundifolia	Corysanthes rotundifolia	
1	Aulacorthum circumflexum	Neomyzus circumflexus	HRL 1933	New Zealand	WN		Tararuas		-41.06555	175.26252	700ft	1931	2	2	Cottier, W.	supplejack	Ripogonum scandens	
2	Myzus circumflexus	Neomyzus circumflexus		New Zealand	WN		Tararuas		-41.06555	175.26252	2000ft	1931	2	4	Cottier, W.	Weinmania	Weinmannia	
1	Myzus circumflexus	Neomyzus circumflexus		New Zealand	WI		Palmerston North		-40.35000	175.60000		1931	10	25	Cottier, W.	Hydrangea	Hydrangea	
1	Myzus circumflexus	Neomyzus circumflexus		New Zealand	WI		Palmerston North		-40.35000	175.60000		1931	10	25	Cottier, W.	plum	Prunus	
4	Aulacorthum circumflexum	Neomyzus circumflexus	HRL 1933	New Zealand	WI		Palmerston North		-40.35000	175.60000		1931	12	6	Cottier, W.	supplejack totara	Podocarpus totara	
4	Myzus circumflexus / A. circumflexum [HRL 1933]	Neomyzus circumflexus		New Zealand	NN		Nelson		-41.26667	173.26667		1931	12	22	Dumbleton, L.J.	fern (Asplenium)	Asplenium	
1	Myzus circumflexus	Neomyzus circumflexus		New Zealand	AK	Auckland City	Auckland	Orchard Instructor	-36.85000	174.75000		1931	12			apple	Malus pumila	
1	Myzus circumflexus	Neomyzus circumflexus		New Zealand	WI		Palmerston North		-40.35000	175.60000		1933	11	13	Cottier, W.	Hydrangea	Hydrangea	
9	Myzus circumflexus	Neomyzus circumflexus		New Zealand	NN		Motueka		-41.10132	173.00268		1936	4	12	Stratford, G.	Arum lily	Zantedeschia	
1	Myzus circumflexus	Neomyzus circumflexus		New Zealand	NN		Motueka		-41.10132	173.00268		1936	4	12	Stratford, G.	Arum lily	Zantedeschia	
5	Myzus circumflexus	Neomyzus circumflexus		New Zealand	NN		Motueka		-41.10132	173.00268		1936	11	23	Stratford, G.	Arum lily	Zantedeschia	
16	Myzus circumflexus	Neomyzus circumflexus		New Zealand	NN		Motueka		-41.10132	173.00268		1936	11	25	Stafford, G.	canna lily/arum lily		
15	Myzus circumflexus	Neomyzus circumflexus		New Zealand	NN		Motueka		-41.10132	173.00268		1936	12	4	Stratford, G.	"tiger lily"	Lilium	
1	Myzus circumflexus	Neomyzus circumflexus		New Zealand	RI		Pohangina Valley	Totara Reserve	-40.11667	175.83333		1937	3	7	Cottier, W.	supplejack	Podocarpus totara	
1	Aulacorthum circumflexum	Neomyzus circumflexus		New Zealand	AK	Auckland City	Auckland		-36.85000	174.75000		1939	10	10	Spiller, D.	Cyclamen	Cyclamen	
1	Aulacorthum circumflexum	Neomyzus circumflexus		New Zealand	TK		Mt. Egmont		-39.29615	174.06367		1946	4	20	Carter, M.W.	Ouirisia macrophylla	Ouirisia macrophylla	
1	Aulacorthum circumflexum	Neomyzus circumflexus		New Zealand	CA	Campbell Island	Tucker Cove		-52.55000	169.13333		1961	12	13	Gressitt, J.L.	Chrysobactron	Chrysobactron	
1	Aulacorthum circumflexum	Neomyzus circumflexus		New Zealand	AU		Ocean I.		-50.51667	166.26667	1.8 m	1962	12	29	Kuschel, G.			
1	Aulacorthum circumflexum	Neomyzus circumflexus		New Zealand	CA	Campbell Island	Tucker Cove		-52.55000	169.13333		1963	2	1	Wise, K.A.J.	Dracophyllum leaf mould berlese funnel collection		

mate	identification			location						date			collection	host				
slide count	label det	species	det_by	country	admin1 / Crosby area	admin3	locality	site	lat	long	elevation	year	month	day	collector	label host	stand host	notes for database
4	Aulacorthum circumflexum	Neomyzus circumflexus	RC Henderson 1991	New Zealand	WO	Hamilton	Ohaupo	glasshouse	-37.91698	175.30757		1997	9	13	Workman, P.	tomatoes	Solanum lycopersicum	
1	Neophyllaphis podocarpi	Neophyllaphis totarae		New Zealand	NN	Nelson	Cable Bay		-41.16015	173.41409		1930	4	1	Dumbleton, L.J.	totara	Podocarpus totara	native aphid
2	Neophyllaphis podocarpi	Neophyllaphis totarae		New Zealand	NN		Nelson		-41.26667	173.26667		1930	4	1	Dumbleton, L.J.	totara	Podocarpus totara	native aphid
1	Neophyllaphis podocarpi	Neophyllaphis totarae		New Zealand	NN		Nelson		-41.26667	173.26667		1930	4	7	Dumbleton, L.J.	totara	Podocarpus totara	native aphid
5	Neophyllaphis podocarpi	Neophyllaphis totarae		New Zealand	WI		Palmerston North		-40.35000	175.60000	39m	1936	11	14	Cottier, W.	totara	Podocarpus totara	native aphid
1	Neophyllaphis totarae	Neophyllaphis totarae	Cottier W	New Zealand	WI		Palmerston North		-40.35000	175.60000	39m	1936	11	14	Cottier, W.	totara	Podocarpus totara	native aphid, type
1	Neophyllaphis totarae	Neophyllaphis totarae	Cottier W	New Zealand	WI		Palmerston North		-40.35000	175.60000	39m	1936	11	14	Cottier, W.	totara	Podocarpus totara	native aphid, type
8	Neophyllaphis podocarpi	Neophyllaphis totarae		New Zealand	WI		Palmerston North		-40.35000	175.60000	39m	1936	11	14	Cottier, W.	totara	Podocarpus totara	native aphid
4	Neophyllaphis podocarpi	Neophyllaphis totarae		New Zealand	WI		Palmerston North		-40.35000	175.60000	39m	1937	4	3	Cottier, W.	totara	Podocarpus totara	native aphid
2	Neophyllaphis totarae	Neophyllaphis totarae	Cottier W	New Zealand	WI		Palmerston North		-40.35000	175.60000	39m	1937	4	3	Cottier, W.	totara	Podocarpus totara	native aphid, type
1	Neophyllaphis podocarpi	Neophyllaphis totarae		New Zealand	WI		Awahuri		-40.26978	175.48978	38m	1937	5	1	Cottier, W.	totara	Podocarpus totara	native aphid
7	Neophyllaphis podocarpi	Neophyllaphis totarae		New Zealand	WI		Palmerston North		-40.35000	175.60000	39m	1937	11	16	Cottier, W.	totara	Podocarpus totara	native aphid
2	Neophyllaphis totarae	Neophyllaphis totarae	Cottier W (WC)	New Zealand	AK		Titirangi		-36.937952°	174.65586		1949	5	12	Cottier, W.	Podocarpus totara	Podocarpus totara	native aphid
2	Neophyllaphis totarae	Neophyllaphis totarae	Lowe AD (ADL)	New Zealand	BP		Rotorua		-38.11667	176.23333		1957	9	16	Nuttall M	totara	Podocarpus totara	native aphid
1	Neophyllaphis podocarpi	Neophyllaphis totarae		New Zealand	?		Lake [illeg.]									totara	Podocarpus totara	native aphid
2	Neotoxoptera formosanus	Neotoxoptera formosana	W.C.	New Zealand	AK	Auckland City	Stanley Bay		-36.82830	174.77753		1962	10	10	Christie	Allium triquetum	Allium triquetum	
2	Neotoxoptera formosana	Neotoxoptera formosana	R.C. Henderson	New Zealand	AK	Auckland City	Glen Eden		-36.91387	174.65055		1991	9	29	Henderson, R.C.	garlic chives	Allium	
3	Neotoxoptera formosana	Neotoxoptera formosana	RCH	New Zealand	AK		New Lynn		-36.90000	174.68333		1996	3	21	Martin, N.A.	Allium (chives)	Allium	
1	Neotoxoptera formosana	Neotoxoptera formosana		New Zealand	AK		Balmoral	Green Rebel vegetable shop	-36.89008	174.74485		2004	1	27	Buchanan, P.K.	Allium sativum	Allium sativum	
1	Neotoxoptera formosana	Neotoxoptera formosana		New Zealand	AK	Auckland City	Mt Albert	Mt Albert Research Centre	-36.89056	174.72756	36m	2008	8	1	Martin, N.A.	sprouting onion bulbs	Allium	
1	Phorodon menthae	Ovatus crataegarius	HRL 1933	New Zealand	MC		Ashburton		-43.90466	171.74911		1929	12		Cottier, W.	mint (Mentha [illeg.])	Mentha	
6	Phorodon crataegarium	Ovatus crataegarius		New Zealand	SL		Winton		-46.14263	168.33082		1930	1	20	Cottier, W.	hawthorn	Crataegus monogyna	
2	Phorodon crataegarium	Ovatus crataegarius		New Zealand	SL		Winton & Lumsden		-46.14263	168.33082		1930	1	20	Cottier, W.	hawthorn	Crataegus monogyna	
4	Phorodon crataegarium	Ovatus crataegarius	A.W. McK. H. 1932	New Zealand	CO/SL		Lumsden		-45.74000	168.45462		1930	1	22	Cottier, W.	hawthorn	Crataegus monogyna	
2	Phorodon	Ovatus crataegarius		New Zealand	WI		Palmerston North		-40.35000	175.60000		1934	5	1	Cottier, W.	hawthorn	Crataegus monogyna	
15	Phorodon/Ovatus menthae	Ovatus crataegarius		New Zealand	TK		Stratford		-39.33333	174.28333		1934	12	28	Cottier, W.	mint	Mentha	
10	Phorodon	Ovatus crataegarius		New Zealand	WI		Palmerston North		-40.35000	175.60000		1936	12	14	Cottier, W.	hawthorn	Crataegus monogyna	
4	Phorodon/Ovatus menthae	Ovatus crataegarius		New Zealand	TK		Stratford		-39.33333	174.28333		1937	3	29	Cottier, W.	mint	Mentha	
1	Ovatus menthae	Ovatus crataegarius		New Zealand	AK	Auckland City		P.D.D	-36.89056	174.72756	36m	1957	5	2	Lamb, K.P.	tray		
1	Ovatus menthae	Ovatus crataegarius		New Zealand	AK	Auckland City		P.D.D	-36.89056	174.72756	36m	1957	5	2	Lamb, K.P.	tray		
5	Paradoxaphis aristoteliae	Paradoxaphis aristoteliae		New Zealand	SL	Gore	Dolomore Park		-46.060077	#####	207m	1982	2	26	Butcher C	Aristotelia	Aristotelia	native aphid, holotype
2	Paradoxaphis aristoteliae	Paradoxaphis aristoteliae		New Zealand	SL		Gore		-46.060077	#####	207m	1983	1	12	Butel, J.	Aristotelia (wineberry)	Aristotelia serrata	native aphid, paratype
4	Paradoxaphis aristoteliae	Paradoxaphis aristoteliae		New Zealand	BR	Lake Rotorua	Nelson		-41.796136	#####	447m	1983	12	27	Eastop VF	Aristotelia serrata	Aristotelia serrata	native aphid,
1	Paradoxaphis plagianthi	Paradoxaphis plagianthi	Eastop VF	New Zealand	MC	Lincoln		ex lab culture	-43.640512	172.47502		1997	11	28	Stufkens M?	ribbonwood	Plagianthus regius	native aphid, lab colony
1	Paradoxaphis plagianthi	Paradoxaphis plagianthi	Eastop VF?	New Zealand	MC	Christchurch	Christchurch Botanic Gardens		-43.530904	172.62052	4m	1999	3	25	Stufkens, M?	ribbonwood	Plagianthus regius	native aphid, type
2	Pemphigus ?betae	Pemphigus	DHRL 1933	New Zealand								1919				beet root	Beta	
3		Pemphigus bursarius		New Zealand	WN		Wellington	Breaker Bay	-41.33100	174.83183		1921	5	29	Myers, J.G.	grass roots		
9	Geoica eragrostidis	Pemphigus bursarius		New Zealand	WN		Wellington	Breaker Bay	-41.33100	174.83183		1921	5	29		roots of grass		
1	Forda pseudoauriculariae	Pemphigus bursarius		New Zealand	WI		Palmerston North		-40.35000	175.60000		1930	10	14	Cottier, W.	Rumex sp.	Rumex	
1	Pemphigus bursarius	Pemphigus bursarius		New Zealand	WI		Palmerston North		-40.35000	175.60000		1931	6	4	Cottier, W.	root of sowthistle	Sonchus	
5	Pemphigus bursarius	Pemphigus bursarius		New Zealand	WI		Feilding		-40.21765	175.54668		1931	12	17	Reid, W.D.	galls on petioles of poplar	Populus	
10	Pemphigus bursarius	Pemphigus bursarius		New Zealand	HB		Hastings		-39.63608	176.82443		1931	12		Dumbleton, L.J.	Poplar	Populus	
8	Pemphigus bursarius	Pemphigus bursarius		New Zealand	MC		Christchurch		-43.53333	172.63333		1933	12	6	Goodwin, B.J.	Poplar	Populus	
1	Pemphigus bursarius	Pemphigus bursarius		New Zealand	MC		Christchurch		-43.53333	172.63333		1933	12	6	Goodwin, B.J.	poplar	Populus	
10		Pemphigus bursarius		New Zealand	WI		Palmerston North		-40.35000	175.60000		1936	12	5	Cottier, W.	dock roots	Rumex	
4		Pemphigus bursarius		New Zealand	DN		Dunedin		-45.86667	170.50000		1937	3	1	Saxby, S.H.	dock roots	Rumex	
4	Pemphigus bursarius	Pemphigus bursarius		New Zealand	TK		Stratford		-39.33333	174.28333		1937	3	29	Cottier, W.	dock roots	Rumex	
4		Pemphigus bursarius		New Zealand	WI		Palmerston North		-40.35000	175.60000		1937	7	23	Cottier, W.	roots of weeds & grass		
5		Pemphigus bursarius		New Zealand	AK		Auckland		-36.85000	174.75000		1939	6	8	Monat, H.	dock roots	Rumex	

mate	identification			location								date			collection	host			
	slide count	label det	species	det_by	country	admin1 / Crosby area	admin3	locality	site	lat	long	elevation	year	month	day	collector	label_host	stand_host	notes for database
2	Pemphigus bursarius	Pemphigus bursarius			New Zealand	AK		Auckland		-36.85000	174.75000		1975	8	14	Amos, T.	Sonchus arvensis	Sonchus arvensis	
4	Pemphigus bursarius	Pemphigus bursarius	C.F. Morales 1987		New Zealand	BP		Te Puke	Research Orchard	-37.77198	176.31712		1987	12	8	Stowell, B.	kiwifruit roots	Actinidia deliciosa	
2	Pemphigus bursarius	Pemphigus bursarius	RC Henderson 1994		New Zealand								1994	5	27	Broadhurst, P.G.	Wasabi japonica base of crown & roots	Wasabi japonica	
18	Pemphigus bursarius?	Pemphigus bursarius			New Zealand												poplar	Populus	
4	Periphyllus californiensis	Periphyllus californiensis	C.F. Morales		New Zealand	AK		Waiatarua		-36.93082	174.57360		1990	11	16	Hill, M.G.	Acer palmatum	Acer palmatum	
2	Phyllaphis fagi	Phyllaphis fagi			New Zealand	NN		Nelson		-41.26667	173.26667		1929	11		Clark, A.F.	Betula alba	Betula alba	
2	Phyllaphis fagi	Phyllaphis fagi	HRL 1933		New Zealand	NN		Nelson		-41.26667	173.26667		1929	12	3	Dumbleton, L.J.	Fagus sylvatica	Fagus sylvatica	
5	Phyllaphis fagi	Phyllaphis fagi			New Zealand	WI		Palmerston North		-40.35000	175.60000		1937	4	3	Cottier, W.	Fagus sylvatica	Fagus sylvatica	
2	Phyllaphis fagi	Phyllaphis fagi			New Zealand	BP		Rotorua		-38.11667	176.23333		1938	12	27	Greig, A.M.W.	copper beech	Fagus sylvatica	
1	Phyllaphis fagi	Phyllaphis fagi	R.G. Sunde		New Zealand	SL		Invercargill	Queens Park	-46.40000	168.33333		1977	3	14	Walker, A.K.	Fagus sylvatica	Fagus sylvatica	
1	Phyllaphis fagi	Phyllaphis fagi			New Zealand	WI		Palmerston North		-40.35000	175.60000			11			Fagus sylvatica	Fagus sylvatica	
1	Phylloxera glabra	Phylloxera glabra	R.G. Sunde		New Zealand	CO		Cromwell		-45.03333	169.18333		1980	4	17	Baker, T.	Quercus dentata	Quercus dentata	
2	Kermaphis=Pineus	Pineus			New Zealand	DN		Oamaru		-45.08333	170.96667		1913	11	25		Pinus insignis	Pinus insignis	
4	Pineus laevis	Pineus			New Zealand	AK		Lynfield		-36.91667	174.71667		1990	10	9	Holloway, B.A.	shoot edible pine Pinus pinea	Pinus pinea	
1	Pseudacaudella rubida	Pseudacaudella rubida			New Zealand	AK		Pukekohe		-37.20000	174.88333		1971	4	15		sticky trap		
5	Oregma panicola	Pseudoregma panicola	WC		New Zealand	??		Waipapa					1937	1	10	Cumber, R.A.	grass roots		
3	Oregma panicola	Pseudoregma panicola			New Zealand	AK		Hunua Falls		-37.06910	175.08997		1941	4	13	Reid, C.S.W.	Oplismenus undulatifolius	Oplismenus hirtellus	
2	Oregma?	Pseudoregma panicola			New Zealand	AK	Auckland City		Mt Albert Research Centre	-36.89056	174.72756	36m	1980	4	8	Butcher, C.F.	Clematis sp.	Clematis	
2	Pseudoregma panicola	Pseudoregma panicola	R.G. Sunde		New Zealand	ND	Poor Knights Is.	Tawhiti Rahi	e ridge, regenerating area	-35.45000	174.73333		1980	12	9	Butcher, C.F.			
2	Pseudoregma panicola	Pseudoregma panicola			New Zealand	AK	Auckland City		Auckland Domain	-36.85000	174.76667		2005	3	13	Henderson, R.C.	Microlaena stipodes seedheads	Microlaena stipodes	
3	Oregma panicola	Pseudoregma panicola			New Zealand												Oplismenus undulatifolius	Oplismenus hirtellus	
5	Pterocallis alni	Pterocallis alni			New Zealand	CO		Alexandra	Clyde Research Orchard	-45.18333	169.31667		1989	1	19	McLaren, J.	alder	Alnus	
9	Pterocallis alni	Pterocallis alni			New Zealand	CO		Alexandra	Clyde Research Orchard	-45.18333	169.31667		1989	3	13	McLaren, J.	leaves of Alnus fruticosa	Alnus fruticosa	
5	Pterocallis alni	Pterocallis alni	R.C. Henderson		New Zealand	NN		Richmond		-41.33333	173.18333		1996	5	8	Marais, T.	Alnus cordata underside lvs	Alnus cordata	
1	Rhopalosiphoninus latysiphon	Rhopalosiphoninus latysiphon			New Zealand	AK	Auckland City		P.D.D	-36.89056	174.72756	36m	1956	10	15	Lamb, K.P.	trap		
1	Rhopalosiphoninus latysiphon	Rhopalosiphoninus latysiphon	KPL		New Zealand	AK	Auckland City		P.D.D	-36.89056	174.72756	36m	1960	11	28	Lamb, K.P.	sticky trap		
2	Rhopalosiphoninus latysiphon	Rhopalosiphoninus latysiphon	AD Lowe		New Zealand	AK	Noises Is.	Motuhoropapa I.		-36.68333	174.95000		1977	12	18	Deitz, L.L.	pit trap		
1	Rhopalosiphoninus latysiphon	Rhopalosiphoninus latysiphon	AD Lowe		New Zealand	AK	Noises Is.	Motuhoropapa I.		-36.68333	174.95000		1978	1	11	Deitz, L.L.	pit trap		
4	Rhopalosiphoninus latysiphon	Rhopalosiphoninus latysiphon	R.G. Sunde		New Zealand	AK		Pukekohe	H. Young's property	-37.20000	174.88333		1981	4	15	Wood, R.J.	potato roots and tubers	Solanum tuberosum	
1	Rhopalosiphoninus staphyleae	Rhopalosiphoninus staphyleae			New Zealand	AK	Auckland City		P.D.D	-36.89056	174.72756	36m	1956	11	16	Lamb, K.P.	tray		
1	Rhopalosiphoninus staphyleae	Rhopalosiphoninus staphyleae			New Zealand	AK	Auckland City		P.D.D	-36.89056	174.72756	36m	1957	6	25	Lamb, K.P.	tray		
1	Rhopalosiphoninus staphyleae	Rhopalosiphoninus staphyleae			New Zealand	MC		Lincoln		-43.64025	172.48428	8m	1958	11	6	Close, R.	sticky trap		
1	Rhopalosiphoninus staphyleae	Rhopalosiphoninus staphyleae			New Zealand	CA		North Cape		-52.46667	169.23333		1969	1	22		sweeping fern, Dracophyllum		
1	Rhopalosiphoninus staphyleae	Rhopalosiphoninus staphyleae			New Zealand												litter		
1	Rhopalosiphoninus staphyleae	Rhopalosiphoninus staphyleae			New Zealand												nest debri		
1	Rhopalosiphoninus staphyleae ?s-sp.	Rhopalosiphoninus staphyleae ?s-sp.			New Zealand	CA	Campbell Is.	Tucker Cove	0-100m	-52.55000	169.13333		1963	2	26	Wise, K.A.J.	Pittosporum or Myrsine? Leaf litter		
1	Rhopalosiphoninus tulipaella	Rhopalosiphoninus tulipaella	HRL 1933		New Zealand								1930	2		Cottier, W.	potato foliage	Solanum tuberosum	
1	Rhopalosiphoninus tulipaella	Rhopalosiphoninus tulipaella	HRL 1933		New Zealand	WI		Palmerston North		-40.35000	175.60000		1931	11	1	Cottier, W.	orange blossom	Citrus	
1	Sensoriaphis nothofagi	Sensoriaphis nothofagi			New Zealand	CL		Little Barrier Island		-36.18333	175.06667		1947	11	19	Dingley, J.N.	Nothofagus truncata	Nothofagus truncata	native aphid, type
2	Sensoriaphis nothofagi	Sensoriaphis nothofagi	K.P. Lamb		New Zealand	CL		Little Barrier Island		-36.18333	175.06667		1958	9	15	Dingley, J.	Nothofagus truncata	Nothofagus truncata	native aphid
2	Sensoriaphis nothofagi	Sensoriaphis nothofagi	R.G. Sunde		New Zealand	AK	Auckland City	Mt Albert	DSIR	-36.89056	174.72756	36m	1972	1	13		Nothofagus truncata	Nothofagus truncata	native aphid
1	Sensoriaphis nothofagi	Sensoriaphis nothofagi	R.G. Sunde		New Zealand	AK	Auckland City	Mt Albert	DSIR	-36.89056	174.72756	36m	1972	3	21		Nothofagus truncata	Nothofagus truncata	native aphid
3	Sensoriaphis nothofagi	Sensoriaphis nothofagi	R.G. Sunde		New Zealand	AK	Auckland City	Mt Albert	DSIR	-36.89056	174.72756	36m	1972	3	21		Nothofagus truncata	Nothofagus truncata	native aphid
3	Sensoriaphis nothofagi	Sensoriaphis nothofagi	R.G. Sunde		New Zealand	AK	Auckland City	Mt Albert	DSIR	-36.89056	174.72756	36m	1972	10	5		Nothofagus truncata	Nothofagus truncata	native aphid

mate	identification			location							date			collection	host				
	slide count	label det	species	det_by	country	admin1 / Crosby area	admin3	locality	site	lat	long	elevation	year	month	day	collector	label_host	stand_host	notes for database
1	Sensoriaphis nothofagi	Sensoriaphis nothofagi	R.G. Sunde	New Zealand	AK	Auckland City	Mt Albert	DSIR		-36.89056	174.72756	36m	1976	11	22	Barthow, B.	Nothofagus truncata	Nothofagus truncata	native aphid
1	Sensoriaphis nothofagi	Sensoriaphis nothofagi	R.G. Sunde	New Zealand	AK	Auckland City	Mt Albert	DSIR		-36.89056	174.72756	36m	1976	11	22	Tocker, M.F.	Nothofagus truncata	Nothofagus truncata	native aphid
3	Sensoriaphis nothofagi	Sensoriaphis nothofagi	R.G. Sunde	New Zealand	AK	Auckland City	Mt Albert	DSIR		-36.89056	174.72756	36m	1976	11	22	Hall, G.	Nothofagus truncata	Nothofagus truncata	native aphid
2	Sensoriaphis nothofagi	Sensoriaphis nothofagi	R.G. Sunde	New Zealand	AK	Auckland City	Mt Albert	DSIR		-36.89056	174.72756	36m	1976	11	22	Barthow, B.	Nothofagus truncata	Nothofagus truncata	native aphid
4	Sensoriaphis nothofagi	Sensoriaphis nothofagi	R.G. Sunde	New Zealand	AK	Auckland City	Mt Albert	DSIR		-36.89056	174.72756	36m	1976	11	22	Deitz, L.L.	Nothofagus truncata	Nothofagus truncata	native aphid
4	Sensoriaphis nothofagi	Sensoriaphis nothofagi	R.G. Sunde	New Zealand	AK	Auckland City	Mt Albert	DSIR		-36.89056	174.72756	36m	1977	3	1		Nothofagus truncata	Nothofagus truncata	native aphid
3	Sensoriaphis nothofagi	Sensoriaphis nothofagi	R.G. Sunde	New Zealand	AK	Auckland City	Mt Albert	DSIR		-36.89056	174.72756	36m	1977	3	21	Hall, G.	Nothofagus truncata	Nothofagus truncata	native aphid
2	Sensoriaphis nothofagi	Sensoriaphis nothofagi	R.G. Sunde	New Zealand	AK	Auckland City	Mt Albert	DSIR		-36.89056	174.72756	36m	1977	3	21	Barthow, B.	Nothofagus truncata	Nothofagus truncata	native aphid
2	Sensoriaphis nothofagi	Sensoriaphis nothofagi	R.G. Sunde	New Zealand	AK	Auckland City	Mt Albert	DSIR		-36.89056	174.72756	36m	1977	3	21	Barthow, B.	Nothofagus truncata	Nothofagus truncata	native aphid
4	Sensoriaphis	Sensoriaphis nothofagi		New Zealand	AK	Auckland City	Mt Albert	DSIR		-36.89056	174.72756	36m	1977	4	18	Sunde, R.G.	Nothofagus truncata	Nothofagus truncata	native aphid
6	Sensoriaphis nothofagi	Sensoriaphis nothofagi	R.G. Sunde	New Zealand	AK	Auckland City	Mt Albert	DSIR		-36.89056	174.72756	36m	1977	4	18	Sunde, R.G.	Nothofagus truncata	Nothofagus truncata	native aphid
3	Sensoriaphis nothofagi	Sensoriaphis nothofagi	R.G. Sunde	New Zealand	AK	Auckland City	Mt Albert	DSIR		-36.89056	174.72756	36m	1977	4	18	Sunde, R.G.	Nothofagus truncata	Nothofagus truncata	native aphid
1	Sensoriaphis nothofagi	Sensoriaphis nothofagi	R.G. Sunde	New Zealand	AK	Auckland City	Mt Albert	DSIR		-36.89056	174.72756	36m	1977	4	18	Sunde, R.G.	Nothofagus truncata	Nothofagus truncata	native aphid
4	Sensoriaphis nothofagi	Sensoriaphis nothofagi	R.G. Sunde	New Zealand	AK		Kauri Park	North Shore		-36.810048°	174.70503		1977	10	17	Dugdale, J.S.	Nothofagus truncata	Nothofagus truncata	native aphid
2	Sensoriaphis nothofagi	Sensoriaphis nothofagi	R.G. Sunde	New Zealand	AK	Auckland City	Mt Albert	DSIR		-36.89056	174.72756	36m	1977	11	21	Hall, G.	Nothofagus truncata	Nothofagus truncata	native aphid
5	Sensoriaphis nothofagi	Sensoriaphis nothofagi		New Zealand	CL		Little Barrier Island			-36.18333	175.06667		1987	9	30	Green, T.	Nothofagus truncata	Nothofagus truncata	native aphid
1	Macrosiphum (Sitobion) fragariae	Sitobion fragariae		New Zealand	AN		Reef Pt.	8 Beach		-49.69537	178.77874		1969	2	6		plants		
1	Sitobion miscanthi	Sitobion miscanthi	R.G. Sunde	New Zealand	CH	Chatham Is.	Te Awatea Scenic Reserve			-43.96667	-176.50000		1991	3	10	Craw, R.C.			
3	Trifidaphis phaseoli	Smynthurodes betae	DHRL 1933	New Zealand	WN		Wellington	Lyll Bay		-41.32895	174.79240		1922	3	31	J.G.M.	Aciphylla squarrosa roots	Aciphylla squarrosa	
2	Geoica phaseoli	Smynthurodes betae		New Zealand	AK		Auckland			-36.85000	174.75000		1943	12	25	Smith, J.D.	bean roots	Phaseolus	
2	Trifidaphis phaseoli	Smynthurodes betae	W. Cottier	New Zealand	AK	Auckland City	Devonport			-36.82582	174.79651		1944	11	11	Cottier, W.	french bean roots	Phaseolus	
2	Geoica phaseoli	Smynthurodes betae		New Zealand	AK		Auckland			-36.85000	174.75000		1946	1	1	Malins, A.	roots of beans		
2	Geoica phaseoli	Smynthurodes betae		New Zealand	AK		Auckland	greenhouse		-37.88333	173.71667		1946	10	24	Smith, J.D.	tomato roots	Solanum lycopersicum	
11	Trifidaphis phaseoli	Smynthurodes betae		New Zealand	AK	Auckland City	Sandringham			-36.89392	174.73170		1956	11	12	Jackson, N.	bean root	Phaseolus	
1	Trifidaphis phaseoli	Smynthurodes betae	KPL	New Zealand	AK	Auckland City		P.D.D.		-36.89056	174.72756	36m	1956	12	10	Lamb, K.P.	trap		
1	Trifidaphis phaseoli	Smynthurodes betae	KPL	New Zealand	AK		Auckland			-36.85000	174.75000		1958	12	5	[illeg], C.	roots bean etc	Phaseolus	
5		Smynthurodes betae		New Zealand	AK		Ihumatao			-36.98958	174.76043		1959	11	17	May, B.M.	clover roots	Trifolium	
1	Smynthurodes betae	Smynthurodes betae	J.M. Cox	New Zealand	AK		Titirangi			-36.93795	174.65587		1977	5	16	Cox, J.M.	roots Clarkia	Clarkia	
2	Smynthurodes betae	Smynthurodes betae	J.M. Cox	New Zealand	AK		Auckland			-36.85000	174.75000		1977	8	14	Steven, D.			
1	Trifidaphis phaseoli	Smynthurodes betae		New Zealand	HB		Napier			-39.49923	176.89295		1978	11	23	Thomas, D.R.	dwarf bean roots	Phaseolus	
3	Smynthurodes betae	Smynthurodes betae	R.G. Sunde	New Zealand	ND	Poor Knights Is	Tawhiti Rani	SE cliff		-35.45000	174.73333		1980	12	11	Butcher, C.F.	under Mesembryanthemum mat in regenerating area		
1	Smynthurodes betae	Smynthurodes betae	R.G. Sunde	New Zealand	FD		Breaksea I.			-45.57768	166.63772		1982	5	29	Butcher, C.F.	moss on rocks		
4	Smynthurodes betae	Smynthurodes betae	C.F. Morales 1990	New Zealand	AK		Massey			-36.84117	174.61187		1990	7	24	Martin, N.A.	roots of tomato	Lycopersicon	
2	Smynthurodes betae	Smynthurodes betae	RC Henderson 1992	New Zealand	AK		Waiheke I.	Coromandel Rd.		-36.78053	175.03161		1992	11	16	Belim, Heine	roots tomato seedling	Lycopersicon	
1	Smynthurodes betae	Smynthurodes betae	RC Henderson 1997	New Zealand	AK	Auckland City	Henderson	Watakere Hospital, Woodford Gardens		-36.86800	174.63043		1997	11	3	Kaufman, E.	Achillea seedling roots	Achillea	
5	Takecallis arundinariae	Takecallis arundinariae		New Zealand	AK	Auckland City	Auckland			-36.85000	174.75000		1975	8	7	Johannesson, J.	Arundinaria sp.	Arundinaria sp.	
5	Takecallis arundinariae	Takecallis arundinariae	R.G. Sunde	New Zealand	AK		Kawau I.			-36.41667	174.81667		1979	9	9	Maddison, P.A.	Bambusa sp.	Bambusa	
4	Takecallis arundinariae	Takecallis arundinariae	R.C. Henderson	New Zealand	AK	Auckland City	Glen Eden			-36.91387	174.65055		1990	2	21	Henderson, R.C.	bamboo	Phyllostachys aurea	
3	Takecallis taiwanus	Takecallis taiwanus		New Zealand	AK	Auckland City	Glen Eden			-36.91387	174.65055		2009	3	25	Henderson, R.C.	Phyllostachys aurea leaves	Phyllostachys aurea	
2	Thripsaphis foxttonensis	Thripsaphis foxttonensis	Cottier W	New Zealand	WN		Foxtton			-40.48333	175.28333	1m	1947	11	21	Cottier, W.	Carex ternaria	Carex ternaria	
5	Thripsaphis foxttonensis	Thripsaphis foxttonensis		New Zealand	WN		Foxtton	flax area		-40.48333	175.28333	1m	1947	11	21	Cottier, W.	Carex ternaria	Carex ternaria	
2	Thripsaphis foxttonensis	Thripsaphis foxttonensis	AD Lowe (ADL)	New Zealand	AK	Auckland				-36.84739	174.76574		1969	9	17	Sunde R	Carex sp.	Carex	
1	Toxoptera aurantii	Toxoptera aurantii		New Zealand	AK		Auckland			-36.85000	174.75000		1933	11	23	Paynter, L.	Citrus	Citrus	
1	Toxoptera aurantii	Toxoptera aurantii		New Zealand			[illeg]						1934	11			[illeg]		
24	Tox. aurantii	Toxoptera aurantii		New Zealand	BP		Tauranga			-37.66667	176.15000		1934	11		Grainger, A.R.	Citrus	Citrus	
18	Toxoptera aurantii	Toxoptera aurantii		New Zealand	AK	Auckland City	Auckland			-36.85000	174.75000		1940	5	10	Spiller, D.	Pittosporum	Pittosporum	
1	Toxoptera aurantii?	Toxoptera aurantii		New Zealand	AK		Auckland			-36.85000	174.75000		1945	1	8	Chamberlain, F.F.	Lantana	Lantana	
1	Toxoptera aurantii	Toxoptera aurantii	KPL	New Zealand	AK	Auckland City		P.D.D.		-36.89056	174.72756	36m	1956	10	23	Lamb, K.P.	trap		
1	Toxoptera aurantii	Toxoptera aurantii	KPL	New Zealand	AK	Auckland City		P.D.D.		-36.89056	174.72756	36m	1956	10	30	Lamb, K.P.	trap		

mate	identification			location				date			collection	host						
slide count	label det	species	det by	country	admin1 / Crosby area	admin3	locality	site	lat	long	elevation	year	month	day	collector	label host	stand host	notes for database
3	Toxoptera aurantii	Toxoptera aurantii	KPL	New Zealand	AK	Auckland City	Auckland		-36.85000	174.75000		1959	1	19	Taylor	Camellia leaves	Camellia	
1	Toxoptera aurantii	Toxoptera aurantii	R.G. Sunde	New Zealand	AK	Noises Is	Motuhoropapa I.	nr frig	-36.68884	174.96387		1978	4	12	May, B.M.	Pseudopanax lessonii new growth	Pseudopanax lessonii	
3	Toxoptera aurantii	Toxoptera aurantii	R.G. Sunde	New Zealand	AK	Auckland City	Titirangi		-36.93333	174.65000		1978	12	3	Maddison, P.A.	shoots of Citrus limon	Citrus limon	
1	Toxoptera aurantii	Toxoptera aurantii	R.G. Sunde	New Zealand	AK	Auckland City	Titirangi		-36.93333	174.65000		1978	12	3	Maddison, P.A.	shoots of Citrus limon	Citrus limon	
2	Toxoptera aurantii	Toxoptera aurantii	C.F.Morales	New Zealand	AK		Kumeu R.O.		-36.76667	174.55000		1988	1	29	Holt, V.A.	grapefruit, young leaves & flowers	Citrus	
1	Toxoptera citricidus	Toxoptera citricidus		New Zealand	AK	Auckland City	Mt Albert	Mt Albert Research Centre	-36.89056	174.72756	36m	1976	4	14		Citrus	Citrus	
8	Myzocallis querceus	Tuberculatus annulatus		New Zealand	SC		Timaru		-44.38333	171.25000		1923	4	2	Miller, D.	oak	Quercus	
4	Myzocallis querceus	Tuberculatus annulatus		New Zealand	NN		Nelson		-41.26667	173.26667		1929	11		Clark, A.F.	oak	Quercus	
3	Myzocallis annulata	Tuberculatus annulatus		New Zealand	NN		Nelson		-41.26667	173.26667		1929	11		Clark, A.F.	oak (Quercus robur) leaves	Quercus robur	
1	Myzocallis annulata	Tuberculatus annulatus		New Zealand								1930	2		Cottier, W.	potato foliage	Solanum tuberosum	
3	Tuberculatus annulata	Tuberculatus annulatus		New Zealand	WI		Palmerston North		-40.35000	175.60000		1931	1	6	Cottier, W.	Quercus robur	Quercus robur	
1	Myzocallis querceus	Tuberculatus annulatus		New Zealand	WI		Palmerston North		-40.35000	175.60000		1933	5	9	Cottier, W.	oak	Quercus	
5	Myzocallis	Tuberculatus annulatus		New Zealand	WI		Palmerston North		-40.35000	175.60000		1936	12	12	Cottier, W.	oak	Quercus	
6	Myzocallis	Tuberculatus annulatus		New Zealand	MC		Christchurch		-43.53333	172.63333		1937	1	25	Chamberlain, F.F.	oak	Quercus	
3	Myzocallis querceus	Tuberculatus annulatus		New Zealand	WI		Palmerston North		-40.35000	175.60000		1937	4	10	Cottier, W.	oak	Quercus	
4	Myzocallis	Tuberculatus annulatus		New Zealand	WI		Palmerston North		-40.35000	175.60000		1937	4	10	Cottier, W.	oak	Quercus	
1	Myzocallis querceus	Tuberculatus annulatus		New Zealand	WI		Palmerston North		-40.35000	175.60000		1937	4	24	Cottier, W.	oak	Quercus	
5	Myzocallis	Tuberculatus annulatus		New Zealand	WI		Palmerston North		-40.35000	175.60000		1937	4	24	Cottier, W.	oak	Quercus	
1	Myzocallis	Tuberculatus annulatus		New Zealand	WI		Palmerston North		-40.35000	175.60000		1937	4	24		oak	Quercus	
1	Myzocallis annulata	Tuberculatus annulatus		New Zealand	WI		Palmerston North		-40.35000	175.60000		1937	11	15	Cottier, W.	chestnut	Castanea	
6	Myzocallis annulatus	Tuberculatus annulatus		New Zealand	MB		Blenheim		-41.50000	173.95000		1937	12	21	Chamberlain, F.F.	oak	Quercus	
1	Myzocallis annulatus	Tuberculatus annulatus	K.P. L.	New Zealand	AK	Auckland City		P.D.D.	-36.89056	174.72756	36m	1960	11	21	Lamb, K.P.	sticky trap		
1	Myzocallis annulata	Tuberculatus annulatus		New Zealand	NN		Nelson		-41.26667	173.26667					Dumbleton, L.J.	Quercus	Quercus	
11	Macrosiphum sonchi	Uroleucon sonchi		New Zealand	AK	Auckland City	Auckland		-36.85000	174.75000		1958	11		Overdeladen, T.	Sonchus oleraceus	Sonchus oleraceus	
3	Uroleucon sonchi	Uroleucon sonchi	R.G. Sunde	New Zealand	AK	Auckland City	Mt. Albert		-36.88333	174.71667		1977	1	9	Barthow, B.	Sonchus oleraceus	Sonchus oleraceus	
2	Uroleucon sonchi	Uroleucon sonchi	R.G. Sunde	New Zealand	AK	Auckland City	Mt Albert		-36.88333	174.71667		1978	9	27	Walker, A.K.	Sonchus sp.	Sonchus	
1	Uroleucon sonchi?	Uroleucon sonchi	R.G. Sunde	New Zealand	NN	Cobb Valley	Iron Lake		-41.10360	172.61098		1981	2	5	Walker, A.K./Benn, M.H.	growing tips of Traversia baccaroides	Traversia baccaroides	
3	Uroleucon sonchi	Uroleucon sonchi	R.G. Sunde	New Zealand	NN		Cobb Valley	Iron Lake	-41.10368	172.61098		1981	2	5	Walker, A.K./Benn, M.H.	Traversia baccharoides growing tips	Traversia baccharoides	
3	Uroleucon sonchi	Uroleucon sonchi	R.G. Sunde	New Zealand	AK	Auckland City		Mt Albert Research Centre	-36.89056	174.72756	36m	1986	9	11	Maddison, P.A.	Sonchus oleraceus	Sonchus oleraceus	
2	Dactynotus sonchi	Uroleucon sonchi	C.F. Morales	New Zealand	CH	Chatham Is	Henga		-43.91667	-176.50000		1991	3	3	Morales, C.F.	sweeping pasture		
1	Macrosiphum sonchi	Uroleucon sonchi	W.C.	New Zealand				HE6 RS 19 Road										
1				New Zealand				Carterton	-41.02417	175.53488		1913	10	31	Gore (Miss)	poplar galls	Populus	
1	Aphis rumicis			New Zealand	WI			Palmerston North	-40.35000	175.60000		1929	12	[?]	Cottier, W.	broad bean	Vicia faba	
2	Doralis [gossypii {struck out} {det by HRL 1933}] laburni			New Zealand	SC			Temuka	-44.23788	171.29707		1930	1		Cottier, W.	potato foliage	Solanum tuberosum	
1	Doralis medicaginis		HRL 1933	New Zealand	WI			Palmerston North	-40.35000	175.60000		1932	1	4	Cottier, W.	white clover	Trifolium	
1	Aphis gossypii?			New Zealand	HB			Hawkes Bay				1933	11	7	Adamson	Citrus	Citrus	
2				New Zealand	WI			Palmerston North	-40.35000	175.60000		1936	12	12	Cottier, W.	grass roots		
1	Trifidaphis			New Zealand	AK	Auckland City		P.D.D.	-36.89056	174.72756	36m	1960	11	28	Lamb, K.P.	sticky trap		
7				New Zealand	AK	Auckland City		P.D.D.	-36.89056	174.72756	36m	1961	1	16	Lamb, K.P.	sticky trap		
1				New Zealand	MK			Old Man Ra.	-43.98800	170.36132	1371m	1965	1	16	Kuschel, G., Townsend, H.	moss		
1				New Zealand	MK			Mt. Cook	-43.73333	170.08333		1966	1	11	Kyles, A.C.	Aralia	Aralia	
1				New Zealand	MB			Black Birch Ra	-41.75000	173.76667		1970	2	17	Kuschel, G.	moss & mats		
1				New Zealand	HB			Ruahine	-39.77457	176.15775	4000'	1970	2	22	Ramsay, G.W.	Hebe sp.	Hebe	
1				New Zealand	CO			Dunstan Ra	-45.00000	169.40000	1560m	1971	1	13	Dugdale, J.S.	moss and sedges		
2				New Zealand	OL			Hawea	-44.43333	169.25000		1973	1	27	Watte, J.C.	litter		
2				New Zealand	MC			Lincoln	-43.64025	172.48428	8m	1973	12	5	Lowe, A.D.	Helleborus niger	Helleborus niger	
1				New Zealand	SL			Dolamore Park	-46.06008	168.83037		1976	1	24	Deitz, L.L.	Coprosma	Coprosma	
2				New Zealand	AK			Epsom	-36.88333	174.76667		1976	3	15	Trocker, M.F.	Hibiscus sp.	Hibiscus	

mate	identification			location							date			collection	host	notes for database		
	slide count	label det	species	det_by	country	admin1 / Crosby area	admin3	locality	site	lat	long	elevation	year	month	day		collector	label host
2		Hyperomyzus lactucae		R.G. Sunde	New Zealand	AK	Waiheke I.	Onetangi					1977	10	23	Deitz, L.L.	sweeping	
1					New Zealand	AK	Noises Is	Otata I.	central plateau	-36.69568	174.97460		1977	10	31	Deitz, L.L.	sweeping	
2					New Zealand	AK	Noises Is	Motuhoropapa I.		-36.68884	174.96387		1977	11	2	Deitz, L.L.	malaise trap	
3					New Zealand	AK	Noises Is	Otata I.	central plateau	-36.69568	174.97460		1977	11	2	Deitz, L.L.	sweeping	
2					New Zealand	AK	Noises Is	Otata I.	central plateau	-36.69568	174.97460		1977	11	2	Deitz, L.L.	sweeping	
2					New Zealand	AK	Noises Is	Motuhoropapa I.	N.E. face	-36.68884	174.96387		1977	11	2	Deitz, L.L.	sweeping clover and other plants	
2					New Zealand	AK	Noises Is	Motuhoropapa I.	near hut	-36.68884	174.96387		1978	4	12	Helmara, D.W.	malaise trap	
4					New Zealand	AK	Noises Is	Motuhoropapa I.	near frig	-36.68884	174.96387		1978	4	12	May, B.M.	sweeping clover and other plants	
5					New Zealand	CO		Waipori			520m		1978	12	5	Barrat, B.I.P.	pit trap in tussock	
2					New Zealand	CO		Waipori			520m		1978	12	19	Barrat, B.I.P.	pit trap in tussock	
2					New Zealand	CO		Waipori			520m		1979	1	2	Barrat, B.I.P.	pit trap in tussock	
4					New Zealand	CO		Waipori			520m		1979	1	16	Barrat, B.I.P.	pit trap in tussock o'sown clover	
3					New Zealand	CO		Waipori			520m		1979	1	31	Barrat, B.I.P.	pit trap in tussock	
2					New Zealand	CO		Waipori			520m		1979	2	13	Barrat, B.I.P.	pit trap in tussock	
1					New Zealand	RI	Ruahine Ra	Armstrong Saddle		-39.76655	176.15593	1250m	1980	2	8	Butcher, C.F.	Senecio bidwillii	Senecio bidwillii
2					New Zealand	RI	Ruahine Ra	Triplex Creek		-39.79022	176.19392	610m	1980	2	9	Butcher, C.F.	sweeping Blechnum sp. In Nothofagus forest	
9					New Zealand	AK		Mangatawhiri		-37.21715	175.12110		1980	12	11		maize crop	Zea mays
1	Macrosiphum or Acyrthosiphon sp.			R.G. Sunde	New Zealand	ND	Cavalli Is.	Motukawanui I.		-34.97453	173.93650		1980	12	30	Roberts, L.	sweeping grassland	
4					New Zealand	AK		Huia Dam		-36.98333	174.56667		1981	5	1	Tocker, M.F.	sweeping grasses	
3					New Zealand	BP		Tauranga		-37.66667	176.15000		1982	4	27	Martin, L.V.		
4					New Zealand	ND		Maungatapere		-35.75738	174.19788		1982	11	2	Martin, L.V.	leaves of Salix sp.	Salix
5					New Zealand	AK	Auckland City	Manurewa	A.R.A. Botanical Gardens	-37.01068	174.90798		1983	1	1	Tocker, M.F./Bennett, G.G.	Juniperus taxifolia	Juniperus taxifolia
3					New Zealand	AK	Auckland City	Mt. Albert	Mt Albert Research Centre	-36.89056	174.72756	36m	1983	10	11	Eastop, V.F.	low herbage, grass, Sonchus, Medicago	
4					New Zealand	AK	Auckland City	Mt. Albert	Mt Albert Research Centre	-36.89056	174.72756	36m	1983	10	11	Eastop, V.F.	Medicago lupulina	Medicago lupulina
2					New Zealand	AK	Auckland City	Mt. Albert	Mt Albert Research Centre	-36.89056	174.72756	36m	1983	10	11	Eastop, V.F.	Sonchus sp.	Sonchus
1					New Zealand	AK	Auckland City	Auckland		-36.85000	174.75000		1983	10	12	Eastop, V.F.	Betula pendula?	Betula
4					New Zealand	AK	Auckland City	Wattle Bay		-37.04855	174.58316		1983	10	12	Eastop, V.F.	Callistegia sepium	Callistegia sepium
6					New Zealand	AK	Auckland City	Mt. Albert	Mt Albert Research Centre	-36.89056	174.72756	36m	1983	10	12	Eastop, V.F.	Juniperus chinensis	Juniperus chinensis
3					New Zealand	AK	Auckland City	Wattle Bay		-37.04855	174.58316		1983	10	13	Eastop, V.F.	Carex geminata	Carex geminata
4					New Zealand	AK	Auckland City	Wattle Bay		-37.04855	174.58316		1983	10	13	Eastop, V.F.	Festuca arundinacea	Festuca arundinacea
3					New Zealand	AK	Auckland City	Mt. Albert	Mt Albert Research Centre	-36.89056	174.72756	36m	1983	10	13	Eastop, V.F.	Rosa	Rosa
4					New Zealand	AK	Auckland City	Mt. Albert	Mt Albert Research Centre	-36.89056	174.72756	36m	1983	10	13	Eastop, V.F.	Sonchus sp.	Sonchus
1					New Zealand	AK	Auckland City	Mt. Albert		-36.88333	174.71667		1983	10	18	Hebert, P.	leaves of Cyphomandra betacea	Cyphomandra betacea
6					New Zealand	AK	Auckland City	Mt. Albert		-36.88333	174.71667		1983	10	18	Tocker, M.F.	Rosa sp.	Rosa
4					New Zealand	AK	Auckland City	Mt. Albert		-36.88333	174.71667		1983	10	18	Tocker, M.F.	Sonchus oleraceus	Sonchus oleraceus
6					New Zealand	AK	Auckland City	Mt. Albert	Mt Albert Research Centre	-36.89056	174.72756	36m	1983	10	19	Eastop, V.F.	Raphanus maritimus	Raphanus maritimus
2					New Zealand	AK	Auckland City	Auckland		-36.85000	174.75000		1983	10	20	Eastop, V.F.	Betula pendula	Betula pendula
3					New Zealand	AK	Auckland City		Auckland Domain	-36.85000	174.76667		1983	10	25	Eastop, V.F.	Platycerium	Platycerium
3					New Zealand	AK	Auckland City	Maniurewa	Botanical Gardens	-37.01068	174.90798		1983	10	26	Eastop, V.F.	Thuja occidentalis	Thuja occidentalis
4					New Zealand	AK	Auckland City	Eden Gardens		-36.87573	174.76685		1983	10	27	Tocker, M.F.	Dianthus	Dianthus
1					New Zealand	AK	Auckland City	Eden Gardens		-36.87573	174.76685		1983	10	27	Tocker, M.F.	Juniperus	Juniperus
4					New Zealand	AK	Auckland City	Eden Gardens		-36.87573	174.76685		1983	10	27	Tocker, M.F.	Melandrium/Lychnis?	
4					New Zealand	AK	Auckland City	Eden Gardens		-36.87573	174.76685		1983	10	27	Tocker, M.F.	Pelargonium	Pelargonium
1					New Zealand	AK	Auckland City	Eden Gardens		-36.87573	174.76685		1983	10	27	Tocker, M.F.	Pittosporum	Pittosporum
3					New Zealand	WI		Ashhurst		-40.28197	175.73982		1983	11	8	Christensen, M.	culture Lolium perenne	Lolium perenne
4					New Zealand	BR		Lake Rotoroa		-41.83333	172.61667		1983	12	30	Eastop, V.F.	Aristotelia serrata	Aristotelia serrata
2					New Zealand	AK	Auckland City	Mt. Albert	40 Monaghan Ave.	-36.87765	174.71327		1984	3	2	Crosby, T.K.	shoot Solanum tuberosum	Solanum tuberosum
1					New Zealand	AK	Auckland City	Mt. Albert	Mt Albert Research Centre	-36.89056	174.72756	36m	1984	3	13	Maddison, P.A.	Streptocarpus	Streptocarpus
3	Aphis sp.			R.C. Henderson	New Zealand	AK	Auckland City	Auckland		-36.85000	174.75000		1996	10	24	Workman, P.	lettuce leaves	Lactuca

