

material	identification			location									date			collection	host		
slide count	label det	species	det_by	country	admin1 / Crosby area	admin2 / Crosby area	admin3	locality	site	lat	long	elevation	year	month	day	collector	label_host	stand_host	notes for database
	1	Acyrtosiphon ?pelargonii		New Zealand	MC	Mid Canterbury		Christchurch	Victoria Park	-43.593972	172.646994		1972	9	9	Eastop, V.F.	Bromus carinatus	Bromus carinatus	
	1	Acyrtosiphon kondoi		New Zealand	AK	Auckland		Mateuku Reserve		-36.860999	174.477151		1983	10	29	Eastop, V.F.	sedges etc.	Carex	
	3	Acyrtosiphon malvae		New Zealand									1956	11	18	Lamb, K.P.	trapped		
	1	Acyrtosiphon malvae		New Zealand	MC	Mid Canterbury		Lincoln		-43.640326	172.483995		1959	11	11	Eastop, V.F.	yellow trap		
	1	Acyrtosiphon malvae		New Zealand	MC	Mid Canterbury		Lincoln		-43.640326	172.483995		1959	11	17	Eastop, V.F.	yellow trap		
	10	Acyrtosiphon malvae		New Zealand	AK	Auckland	Auckland City	Mount Albert		-36.884062	174.715550		1972	9	28	Eastop, V.F.	Erodium moschaliu	Erodium moschaliu	
	1	Acyrtosiphon malvae		New Zealand	WO	Waikato		Hamilton		-37.788263	175.283883		1972	9	29	Oliver, H.A.	Geranium	Geranium	
	1	Acyrtosiphon malvae		New Zealand	MC	Mid Canterbury		Lincoln		-43.640326	172.483995		1978	11	28	Harris, B.	swept		
	2	Acyrtosiphon malvae		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1983	11	24	Eastop, V.F.	Pelargonium	Pelargonium	
	1	Acyrtosiphon malvae		New Zealand	DN	Dunedin		Dunedin		-45.875470	170.505744		1983	12	5	Eastop, V.F.	Geranium large blue flower	Geranium	
	1	Acyrtosiphon malvae		New Zealand	RI	Rangitikei		Ohakune		-39.418653	175.399641					Harris, T.S.			
	1	Acyrtosiphon pelargonii		New Zealand	NN	Nelson		Nelson		-41.270786	173.284000		1930			Gourlay, E.S.			
	1	Acyrtosiphon pelargonii		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1960	11	14	Lamb, K.P.	sticky trap		
	1	Acyrtosiphon pelargonii		New Zealand	MC	Mid Canterbury		Lincoln		-43.640326	172.483995		1963	5	29	Lowe, A.D.			
	2	Acyrtosiphon pelargonii		New Zealand	AK	Auckland	Auckland City	Oratia		-36.915981	174.614798		1983	11	25	Eastop, V.F.	Pelargonium	Pelargonium	
	1	Acyrtosiphon pisum		New Zealand	NN	Nelson	Nelson	Mapua		-41.256120	173.099638		1972	11	17	Walker, A.K.	Pteridium	Pteridium	
	2	Acyrtosiphon pisum	JM Cox	New Zealand	AK	Auckland		Wharepapa		-36.723199	174.436602		1977	5	31	Cameron, P.J.	Medicago sativa	Medicago sativa	
	4	Acyrtosiphon pisum	JM Cox	New Zealand	AK	Auckland		Wharepapa		-36.723199	174.436602		1977	7		Cameron, P.	lucerne	Medicago sativa	
	1	Acyrtosiphon pisum		New Zealand	BP	Bay of Plenty		Lake Rotoiti		-38.059058	176.424934		1979	2	3	Mound, L.A.	[illeg.]		
	1	Acyrtosiphon pisum		New Zealand	AK	Auckland	Auckland City	Mount Albert	D.S.I.R.	-36.890350	174.726326		1983	10	11	Eastop, V.F.	Medicago lupulina	Medicago lupulina	
	1	Acyrtosiphon pisum		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1983	11	25	Eastop, V.F.	Medicago lupulina	Medicago lupulina	
	1	Acyrtosiphon pisum		New Zealand	MC	Mid Canterbury	Ashburton	Tinwald		-43.918492	171.723070		1983	12	13	Eastop, V.F.	Nasturtium officinale	Nasturtium officinale	
	1	Acyrtosiphon pisum		New Zealand	SD	Marlborough		Picton	Shakespeare	-41.281010	173.998401		1983	12	15	Eastop, V.F.	swept		
	1	Acyrtosiphon pisum		New Zealand	SD	Marlborough		Picton	Esson's Valley	-41.301850	174.006131		1983	12	16	Eastop, V.F.			
	2	Acyrtosiphon pisum		New Zealand	BR	Buller		Lake Rotoiti		-41.801893	172.823317		1983	12	19	Eastop, V.F.	swept		
	1	Acyrtosiphon pisum		New Zealand	NN	Nelson		Aniseed Valley		-41.382091	173.151734		1983	12	21	Eastop, V.F.	swept		
	1	Acyrtosiphon pisum		New Zealand	MB	Marlborough		Howard Junction	S.B.	-41.759532	172.705125		1983	12	23	Eastop, V.F.	sweeps		
	1	Acyrtosiphon primulae		New Zealand	WI	Wanganui		Palmerston North		-40.355746	175.612190		1929	9	22	Cottier, W.	primrose	Primula	
	1	Acyrtosiphon primulae		New Zealand	WI	Wanganui		Palmerston North		-40.355746	175.612190		1929			Cottier, W.	primrose	Primula	
	1	Acyrtosiphon primulae		New Zealand	WI	Wanganui		Palmerston North		-40.355746	175.612190		1937	2	8	Cottier, W.	primrose	Primula	
	5	Acyrtosiphon primulae		New Zealand	DN	Dunedin		Dunedin		-45.875470	170.505744		1983	12	7	Eastop, V.F.	Primula	Primula	
	4	Dreyfusia nordmannianae		New Zealand			Canterbury						1932	10		Clark, A.F.	Abies	Abies	
	8	Dreyfusia nr nusslini		New Zealand	WI	Wanganui		Wanganui		-39.930326	175.047663		1958	5	7	Lamb, K.P.	Leucodendron adscendens	Leucodendron	
	0	Akkaia taiwana		New Zealand	AK	Auckland		Pukekohe		-37.200630	174.903626		1972	4	27	Sunde, R.G.	sticky trap 6		
	2	Amphorophora rubi		New Zealand	MC	Mid Canterbury		Lincoln		-43.640326	172.483995		1992	12		Farrell, J.	suction trap		
	4	Amphorophora rubi		New Zealand	MC	Mid Canterbury		Lincoln		-43.640326	172.483995		1993	11		Farrell, J.	suction trap		
	1	Amphorophora rubi		New Zealand	MC	Mid Canterbury	Banks Peninsula		Kennedy's Bush	-43.601908°	172.590715°		1999	2	5	Eastop, V.F.	Rubus fruticosus	Rubus fruticosus	
	1	Aphis		New Zealand	WI	Wanganui		Palmerston North		-40.355746	175.612190		1930			Cottier, W.	Rumex	Rumex	
	2	Aphis ?gossypii		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1943	8	13	Carter, M.W.	Tecoma	Tecoma	
	1	Aphis ?gossypii		New Zealand	MC	Mid Canterbury		Lincoln		-43.640326	172.483995		1959	11	25	Lamb, K.P.	trapped		
	1	Aphis ?spiraecola		New Zealand			Canterbury						1960	3	4	Lamb, K.P.	trapped		
	1	Aphis cf coprosmae		New Zealand	BR	Buller		Greymouth		-42.458991	171.205449	12	1972	9	12	Eastop, V.F.	Hebe ?elliptica	Hebe	
	7	Aphis (Bursaphis)		New Zealand	AK	Auckland	Manukau City	Manurewa		-37.021267	174.895898		1983	10	26	Eastop, V.F.	Epilobium ciliatum	Epilobium ciliatum	
	2	Aphis		New Zealand	MC	Mid Canterbury		Kaitorete Spit		-43.828511	172.544136		2000	4	6	Stufkens, Marlon	Muehlenbeckia complexa	Muehlenbeckia complexa	
	1	Aphis coprosmae		New Zealand	NN	Nelson	Nelson	Aniseed Valley		-41.363373	173.247933	219m	1922	3	23	Philpott	Coprosma rigida	Coprosma rigida	native aphid
	2	Aphis coprosmae		New Zealand	NN	Nelson		Nelson		-41.363373	173.247933	219m	1922	3	23	Tillyard, R.J.	Coprosma rigida	Coprosma rigida	native aphid
	3	Aphis coprosmae		New Zealand	NN	Nelson	Nelson	Aniseed Valley		-41.363373	173.247933	219m	1923	12	3	Tillyard, R.J.	Coprosma rigida	Coprosma rigida	native aphid
	1	Aphis coprosmae		New Zealand				Lincoln	culture at Lincoln	-43.640326	172.483995		1997	2	4	Eastop, V.F.	Coprosma	Coprosma	native aphid, lab colony
	1	Aphis coprosmae		New Zealand			South Island						1997	2	20	Eastop, V.F.	Coprosma crassifolia	Coprosma crassifolia	native aphid
	1	Aphis coprosmae		New Zealand	NN	Nelson		Aniseed Valley		-41.363649	173.243835	166m	1997	2	21	Eastop, V.F.	Coprosma crassifolia	Coprosma crassifolia	native aphid, lab colony?

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	3 Aphis coprosmae	Aphis coprosmae		New Zealand				Lincoln	culture at Lincoln	-43.640326	172.483995		1997	2		Eastop, V.F.	Coprosma	Coprosma	native aphid, lab colony
	Aphis coprosmae	Aphis coprosmae		New Zealand	BR	Buller		Nelson Lakes		-41.795875	172.595639	450m	1998	2	3	Stufkens MAW*	Coprosma	Coprosma	native aphid
	1 Aphis coprosmae	Aphis coprosmae		New Zealand	BR	Buller		Nelson Lakes	lab culture at	-41.795875	172.595639	450m	1999	2	20	P.B.	Coprosma	Coprosma	native aphid, lab colony
	1 Aphis coprosmae	Aphis coprosmae		New Zealand	NN	Nelson		Aniseed Valley		-41.363373	173.247933	219m				Tillyard, R.J.	Coprosma rigida	Coprosma rigida	native aphid
	1 Aphis cottieri	Aphis cottieri		New Zealand	FD/OL	Fiordland/Otago Lakes			29 mi N of Te Anau	-45.077394	167.986544	779m	1972	2	10	White, D.F.	Muehlenbergia	Muehlenbeckia	native aphid, paratype
	1 Aphis (Bursaphis) nr epilobii	Aphis epilobii		New Zealand									1961	4	12	Lamb, K.P.	yellow trays		
	1 Aphis (Bursaphis) ?epilobii	Aphis epilobii		New Zealand	NN	Nelson		Whangamoa		-41.158770	173.529120		1993	12	16	Farrell, J.	Epilobium rotundifolium	Epilobium rotundifolium	
	9 Aphis (Bursaphis) ?epilobii	Aphis epilobii		New Zealand	NN	Nelson		Whangamoa		-41.158770	173.529120		1993	12	16	Stufkens, M.	Epilobium rotundifolium	Epilobium rotundifolium	
	1 Aphis gossypii	Aphis gossypii		New Zealand	HB	Hawkes Bay		Hastings		-39.643530	176.843195		1921	11	24	Myers, J.G.	mandarin orange	Citrus reticulata	
	1 Aphis gossypii	Aphis gossypii		New Zealand	HB	Hawkes Bay		Hastings		-39.643530	176.843195		1921	11	24	Myers, J.G.	pear	Pyrus	
	1 Aphis gossypii	Aphis gossypii		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1922	5	29	Myers, J.G.	Meryta sinclairii	Meryta sinclairii	
	2 Aphis beccabungae	Aphis gossypii		New Zealand			Canterbury						1926	4	7	Tonnoir, A.	Veronica	Veronica	
	1 Aphis gossypii	Aphis gossypii		New Zealand	NN	Nelson		Nelson		-41.270786	173.284000		1930			Dumbleton, L.J.	Escallonia	Escallonia	
	1 Aphis gossypii	Aphis gossypii		New Zealand	WO	Waikato		Hamilton		-37.788263	175.283883		1931			Cottier, W.	pear	Pyrus	
	1 Aphis gossypii	Aphis gossypii		New Zealand									1960	3	10	Lamb, K.P.	yellow trays		
	1 Aphis gossypii	Aphis gossypii		New Zealand									1960	3	16	Lamb, K.P.	yellow trays		
	1 Aphis gossypii	Aphis gossypii		New Zealand									1960	3	29	Lamb, K.P.	yellow trays		
	6 Aphis gossypii	Aphis gossypii		New Zealand	MC	Mid Canterbury		Chirstchurch		-43.516490	172.640699		1962	3	18	Lowe, A.D.	pumpkin	Curcubita	
	1 Aphis gossypii grp.	Aphis gossypii		New Zealand	MC	Mid Canterbury		Lincoln		-43.640326	172.483995		1963	5	15	Lowe, A.D.			
	1 Aphis gossypii	Aphis gossypii		New Zealand	AK	Auckland	Manukau City	Manurewa		-37.021267	174.895898		1983	3	26	Eastop, V.F.	Dodonaea viscosa	Dodonaea viscosa	
	2 Aphis gossypii	Aphis gossypii		New Zealand	WO	Waikato		Raglan Harbour		-37.807156	174.895510		1983	9	28	Green, Chris J.	Vitex lucens	Vitex lucens	
	5 Aphis gossypii grp.	Aphis gossypii		New Zealand	AK	Auckland	Manukau City	Manurewa		-37.021267	174.895898		1983	10	26	Eastop, V.F.	Vitex lucens	Vitex lucens	
	3 Aphis gossypii	Aphis gossypii		New Zealand	AK	Auckland		Titirangi		-36.937952	174.655868		1983	10	29	Eastop, V.F.	Cyphomandra betacea	Cyphomandra betacea	
	1 Aphis gossypii	Aphis gossypii		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1983	11	11	Eastop, V.F.	Cassia	Cassia	
	2 Aphis gossypii	Aphis gossypii		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1984	1	9	Eastop, V.F.	Petrea volubilis	Petrea volubilis	
	1 Aphis gossypii	Aphis gossypii		New Zealand	AK	Auckland	Auckland City	Auckland	Auckland	-36.85000	174.76667		1984	1	9	Eastop, V.F.	Petrea volubilis	Petrea volubilis	
	1 Aphis gossypii	Aphis gossypii		New Zealand	CO	Central Otago		Alexandra		-45.251666	169.388507					Miller, D.	cucumber	Cucumis sativus	
	1 Aphis gossypii	Aphis gossypii	HRL	New Zealand												Cottier, W.	spinach	Spinacia oleracea	
	1 Aphis gossypii	Aphis gossypii		New Zealand	AK	Auckland	Auckland City	Mount Albert	P.D.D	-36.890350	174.726326					Lamb, K.P.	sticky trap		
	2 Aphis healyi	Aphis healyi		New Zealand	NC	North Canterbury		Mt Cass		-43.089914	172.810001		1943	5	16	Healy, A.J.	C. subulata	Carmichaelia subulata	native aphid
	1 Aphis healyi	Aphis healyi		New Zealand	NC	North Canterbury	Hitchin Hills	Hurunui River		-42.875795°	172.975722°	215m	1944	11	24	Healy, A.J.	Carmichaelia	Carmichaelia	native aphid
	2 Aphis healyi	Aphis healyi		New Zealand												Carmichaelia	Carmichaelia	native aphid	
	1 Aphis hederæ	Aphis hederæ		New Zealand	MC	Mid Canterbury		Chirstchurch		-43.516490	172.640699		1986	10	28		ivy	Hedera helix	
	1 Aphis nelsonensis	Aphis nelsonensis		New Zealand	NN	Nelson		Blenheim (sic.)		-41.226771	173.420061	212m	1946	11	25	Healy, A.J.	Epilobium	Epilobium	native aphid, see Cottier
	2 Aphis nelsonensis	Aphis nelsonensis		New Zealand	MC	Mid Canterbury		Cass		-43.037581	171.755880	570	1965	1	7	Lowe, A.D.	Epilobium	Epilobium	native aphid
	1 Aphis nerii	Aphis nerii		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1921	4	25	Miller, D.	oleander	Nerium oleander	
	1 Aphis nerii	Aphis nerii		New Zealand	NN	Nelson		Nelson		-41.270786	173.284000		1930			Dumbleton, L.J.	Australian cotton	Asclepias physocarpa	
	1 Aphis nerii	Aphis nerii		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1938	2	26	Cottier,	swan plants	Asclepias physocarpa	
	1 Aphis nerii	Aphis nerii		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1955	6	11	Owen, M.	swan plants	Asclepias physocarpa	
	1 Aphis nerii	Aphis nerii		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1958	2	12	Eastop, V.F.	yellow trays		
	1 Aphis nerii	Aphis nerii		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1959	1	21	Eastop, V.F.	yellow trays		
	1 Aphis pomi	Aphis pomi		New Zealand				Guildford					1986			Burkett	Photinia leaf	Photinia	
	1 Aphis sedi	Aphis sedi		New Zealand	MC	Mid Canterbury		Chirstchurch		-43.516490	172.640699		1983	12	12	Eastop, V.F.	Sedum	Sedum	
	2 Aphis sedi	Aphis sedi		New Zealand	AK	Auckland	Auckland City	Glen Eden		-36.913033	174.644630		1992	12	7	Martin, N.A.	Juniperus	Juniperus	
	1 Aphis spiræcola	Aphis spiræcola		New Zealand	WO	Waikato		Hamilton		-37.788263	175.283883		1931	12		Cottier, W.	del. Apple	Malus pumila	
	1 Aphis spiræcola	Aphis spiræcola		New Zealand	NN	Nelson		Nelson		-41.270786	173.284000		1931			Cottier, W.	apple	Malus pumila	
	4 Aphis spiræcola	Aphis spiræcola		New Zealand	WO	Waikato		Hamilton		-37.788263	175.283883		1931			Cottier, W.	pear	Pyrus	
	1 Aphis spiræcola	Aphis spiræcola		New Zealand	WI	Wanganui		Palmerston North		-40.355746	175.612190		1937	11	23	Cottier, W.	Sturmer Ap.	Malus pumila	
	2 Aphis spiræcola	Aphis spiræcola		New Zealand	MC	Mid Canterbury		Chirstchurch		-43.516490	172.640699		1962	9	18	Lowe, A.D.	Viburnum tinus	Viburnum tinus	
	4 Aphis spiræcola	Aphis spiræcola		New Zealand	MC	Mid Canterbury		Chirstchurch		-43.516490	172.640699		1983	12	11	Eastop, V.F.	Viburnum opulus	Viburnum opulus	
	1 Aphis spiræcola	Aphis spiræcola		New Zealand	MC	Mid Canterbury		Tinwald	Window Road	-43.918492	171.723070		1983	12	12	Eastop, V.F.	Carduus	Carduus	
	1 Aphis spiræcola	Aphis spiræcola		New Zealand	SD	Marlborough Sounds		Picton		-41.292877	174.005806		1983	12	16	Eastop, V.F.	Crataegus	Crataegus	

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	5 Aphis spiraeicola	Aphis spiraeicola		New Zealand	NN	Nelson		Nelson		-41.270786	173.284000					Collyer, E.	Malus	Malus	
	1 Aploneura lentisci?	Aploneura lentisci		New Zealand	WI	Wanganui		Palmerston North		-40.355746	175.612190		1937	4	20	Cottier, W.	prairie grass roots	Poaceae	
	1 Aploneura lentisci?	Aploneura lentisci		New Zealand	WI	Wanganui		Palmerston North		-40.355746	175.612190		1937	8	21	Cottier, W.	buttercup roots Ranunculus	Ranunculus acer	
	1 Aploneura lentisci	Aploneura lentisci		New Zealand	AK	Auckland	Auckland City	Mount Albert	P.D.D	-36.890350	174.726326		1957	1	7	Lamb, K.P.	tray		
	1 Aploneura lentisci	Aploneura lentisci		New Zealand	AK	Auckland	Manukau City	Ihumatao		-36.991963	174.757722		1959	5	25	May, B.M.	clover roots	Trifolium	
	1 Aploneura lentisci	Aploneura lentisci		New Zealand									1960	2	9	Lamb, K.P.	trapped		
	1 Aploneura lentisci?	Aploneura lentisci		New Zealand	AK	Auckland	Auckland City	Mount Albert	P.D.D	-36.890350	174.726326		1961	1	2	Lamb, K.P.	sticky trap		
	1 Aploneura lentisci	Aploneura lentisci		New Zealand	WO	Waikato		Hamilton		-37.788263	175.283883		1972	9	26	Eastop, V.F.	Sonchus sp. Roots	Sonchus	
	1 Aploneura lentisci	Aploneura lentisci		New Zealand	AK	Auckland		Wellsford		-36.295811	174.523273		1975	7	21	Johannesson, Jennifer	roots of Lolium	Lolium	
	3 Aploneura lentisci	Aploneura lentisci		New Zealand	AK	Auckland	Auckland City	Mount Albert	DSIR	-36.890350	174.726326		1983	10	17	Eastop, V.F.	Poa annua roots	Poa annua	
	1 Aploneura lentisci	Aploneura lentisci		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1983	10	17	Eastop, V.F.	Sonchus roots	Sonchus	
	2 Aploneura lentisci	Aploneura lentisci		New Zealand	MC	Mid Canterbury		Irwell		-43.704160	172.361285		1983	12	13	Eastop, V.F.	Lolium perenne	Lolium perenne	
	2 Aploneura lentisci	Aploneura lentisci		New Zealand	MC	Mid Canterbury		Irwell		-43.704160	172.361285		1983	12	13	Eastop, V.F.	Lolium perenne + ?Agrostis	Poaceae	
	1 Aulacorthum	Aulacorthum		New Zealand	AK	Auckland		Pukekohe		-37.200630	174.903626		1972	10	2	Eastop, V.F.	?chamomile	Asteraceae	
	1 Aulacorthum	Aulacorthum		New Zealand	MC	Mid Canterbury		Lincoln		-43.640326	172.483995		1986	10	16		screen trap		
	1 Aulacorthum solani	Aulacorthum solani		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1921	10	27	Myers, J.G.	sorrel beneath pear trees	Rumex	
	2 Aulacorthum solani	Aulacorthum solani		New Zealand	WN	Wellington		Wellington		-41.28648	174.776217		1921	11	29	Myers, J.G.	Coprosma grandifolia	Coprosma grandifolia	
	2 Aulacorthum solani	Aulacorthum solani		New Zealand	DN	Dunedin		Palmerston		-45.481894	170.714542		1929	7	22	Cottier, W.	Rumex	Rumex	
	1 Aulacorthum solani	Aulacorthum solani		New Zealand									1930			Cottier, W.	clover	Trifolium	
	1 Myzus convolvuli	Aulacorthum solani		New Zealand	NN	Nelson		Nelson		-41.270786	173.284000		1930			Gourlay, E.S.			
	Aulacorthum solani	Aulacorthum solani		New Zealand	WI	Wanganui		Palmerston North		-40.355746	175.612190		1931			Cottier, W.	tiger lily	Lilium	
	1 Aulacorthum solani	Aulacorthum solani		New Zealand	NN	Nelson		Nelson		-41.270786	173.284000		1950	10	30	Dumbleton, L.J.	Fuchsia excorticata & Hebe		
	1 Aulacorthum solani	Aulacorthum solani		New Zealand	AK	Auckland	Auckland City	Mount Albert	P.D.D	-36.890350	174.726326		1958	10	15	Eastop, V.F.	yellow trays		
	1 Aulacorthum solani?	Aulacorthum solani		New Zealand	AK	Auckland	Auckland City	Mount Albert	P.D.D	-36.890350	174.726326		1959	6	10	Eastop, V.F.	yellow trays		
	1 Aulacorthum solani	Aulacorthum solani		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1959	8	12	Eastop, V.F.	yellow trays		
	1 Aulacorthum solani	Aulacorthum solani		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1959	10	7	Eastop, V.F.	sticky trap		
	1 Aulacorthum solani	Aulacorthum solani		New Zealand	MC	Mid Canterbury		Lincoln		-43.640326	172.483995		1959	11	26	Eastop, V.F.	trapped		
	1 Aulacorthum solani	Aulacorthum solani		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1960	1		Eastop, V.F.			
	1 Aulacorthum solani	Aulacorthum solani		New Zealand	MC	Mid Canterbury		Chirstchurch		-43.516490	172.640699		1972	9	3	Eastop, V.F.	Pelargonium	Pelargonium	
	1 Aulacorthum solani	Aulacorthum solani		New Zealand	NN	Nelson		Nelson		-41.270786	173.284000		1972	9	15	Eastop, V.F.	lettuce	Lactuca	
	1 Aulacorthum solani	Aulacorthum solani		New Zealand	TO	Taupo		Taupo	Waipahihi	-38.710508	176.102435		1972	9	21	Eastop, V.F.	?Erigeron	Asteraceae	
	1 Aulacorthum solani	Aulacorthum solani		New Zealand	BP	Bay of Plenty		Mount Maunganui		-37.641095	176.184730		1972	9	23	Eastop, V.F.			
	1 Aulacorthum solani	Aulacorthum solani		New Zealand	BP	Bay of Plenty		Lake Okareka		-38.163557	176.366265		1972	9	25	Eastop, V.F.			
	1 Aulacorthum solani	Aulacorthum solani		New Zealand	AK	Auckland	Auckland City	Mount Albert		-36.884062	174.715550		1972	9	28	Eastop, V.F.	Cerastium glomeratum	Cerastium glomeratum	
	1 Aulacorthum solani	Aulacorthum solani		New Zealand	AK	Auckland	Auckland City	Mount Albert		-36.884062	174.715550		1972	9	28	Eastop, V.F.	Cryptostemma calenduloides	Cryptostemma	
	1 Aulacorthum solani	Aulacorthum solani		New Zealand	AK	Auckland	Auckland City	Mount Albert		-36.884062	174.715550		1972	9	28	Eastop, V.F.	Duchesnea indica	Duchesnea indica	
	4 Aulacorthum solani	Aulacorthum solani		New Zealand	AK	Auckland	Auckland City	Mount Albert		-36.884062	174.715550		1972	9	28	Eastop, V.F.	Erodium moschaliu	Erodium moschaliu	
	5 Aulacorthum solani	Aulacorthum solani		New Zealand	WO	Waikato		Hamilton		-37.788263	175.283883		1972	9	28	Oliver, H.A.	Geranium	Geranium	
	1 Aulacorthum solani	Aulacorthum solani		New Zealand	WO	Waikato		Hamilton		-37.788263	175.283883		1972	9	28	Oliver, H.A.	rose	Rosa	
	1 Aulacorthum solani	Aulacorthum solani		New Zealand	AK	Auckland	Auckland City	Glen Eden		-36.913033	174.644630		1972	10	1	Eastop, V.F.	Trifolium repens	Trifolium repens	
	1 Aulacorthum solani	Aulacorthum solani		New Zealand	AK	Auckland		Pukekohe		-37.200630	174.903626		1972	10	2	Eastop, V.F.	Polygonum aviculare	Polygonum aviculare	
	1 Aulacorthum solani	Aulacorthum solani		New Zealand	AK	Auckland		Pukekohe		-37.200630	174.903626		1972	10	2	Eastop, V.F.	wild turnip & grasses		
	1 Aulacorthum solani	Aulacorthum solani		New Zealand	AK	Auckland	Auckland City	Mount Albert		-36.884062	174.715550		1975	10	17	Lawton, B.	tabacco	Nicotiana tabacum	
	2 Aulacorthum solani	Aulacorthum solani		New Zealand									1975	10	17	Johannesson, J.	tobacco in greenhluse	Nicotiana tabacum	
	1 Aulacorthum solani	Aulacorthum solani		New Zealand	TO	Taupo		Tongariro N.P.	Taranaki Falls Track	-39.205159	175.541995		1982	1	25	Hollis, D.	Dacrydium bidwillii	Dacrydium bidwillii	
	1 Aulacorthum solani	Aulacorthum solani		New Zealand	AK	Auckland		Wattle Bay		-37.048546	174.583163		1983	10	13	Eastop, V.F.	Festuca arundinacea	Festuca arundinacea	
	1 Aulacorthum solani	Aulacorthum solani		New Zealand	AK	Auckland		Wattle Bay		-37.048546	174.583163		1983	10	20	Eastop, V.F.	Festuca arundinacea	Festuca arundinacea	
	1 Aulacorthum solani	Aulacorthum solani		New Zealand	AK	Auckland	Manukau City	Manurewa		-37.021267	174.895898		1983	10	26	Eastop, V.F.	Aristotelia serrata	Aristotelia serrata	
	1 Aulacorthum solani	Aulacorthum solani		New Zealand	AK	Auckland	Manukau City	Manurewa		-37.021267	174.895898		1983	10	26	Eastop, V.F.	Dodonaea viscosa	Dodonaea viscosa	
	1 Aulacorthum solani	Aulacorthum solani		New Zealand	AK	Auckland	Manukau City	Manurewa		-37.021267	174.895898		1983	10	26	Eastop, V.F.	Rubus x barkeri	Rubus x barkeri	
	2 Aulacorthum solani	Aulacorthum solani		New Zealand	AK	Auckland	Auckland City	Auckland	Eden Gardens	-36.876765	174.767434		1983	10	27	Eastop, V.F.	Pelargonium	Pelargonium	
	1 Aulacorthum solani	Aulacorthum solani		New Zealand	AK	Auckland		Titirangi		-36.937952	174.655868		1983	10	29	Eastop, V.F.	Pelargonium zonale	Pelargonium zonale	
	1 Aulacorthum solani	Aulacorthum solani		New Zealand	AK	Auckland		Mateuku Reserve		-36.860999	174.477151		1983	10	29	Eastop, V.F.	sedges etc.	Carex	
	1 Aulacorthum solani	Aulacorthum solani		New Zealand	AK	Auckland		Pukekohe		-37.200630	174.903626		1983	11	1	Eastop, V.F.	swept		
	1 Aulacorthum solani	Aulacorthum solani		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1983	11	4	Eastop, V.F.	Ulmus	Ulmus	

material	identification			location									date			collection	host		
slide count	label det	species	det. by	country	admin1 / Crosby area	admin2 / Crosby area	admin3	locality	site	lat	long	elevation	year	month	day	collector	label_host	stand_host	notes for database
2	Aulacorthum solani	Aulacorthum solani		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1983	11	6	Eastop, V.F.	Cucumis sativus	Cucumis sativus	
1	Aulacorthum solani	Aulacorthum solani		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1983	11	11	Eastop, V.F.	Hoheria populnea	Hoheria populnea	
1	Aulacorthum solani	Aulacorthum solani		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1983	11	11	Eastop, V.F.	Ulmus	Ulmus	
1	Aulacorthum solani?	Aulacorthum solani		New Zealand				Wailuni Saddle					1983	11	16	Butcher, C.F.	Aristotelia serrata	Aristotelia serrata	
1	Aulacorthum solani	Aulacorthum solani		New Zealand	AK	Auckland		Hobsonville		-36.798890	174.653013		1983	11	21	Eastop, V.F.	Lonicera sempervirens	Lonicera sempervirens	
1	Aulacorthum solani	Aulacorthum solani		New Zealand	DN	Dunedin		Dunedin	Botanic Gardens	-45.858887	170.524533		1983	12	5	Eastop, V.F.	Myoporum latum	Myoporum latum	
1	Aulacorthum solani	Aulacorthum solani		New Zealand	SD	Marlborough		Picton	Esson's Valley	-41.301850	174.006131		1983	12	16	Eastop, V.F.			
1	Aulacorthum solani	Aulacorthum solani		New Zealand	NN	Nelson		Aniseed Valley		-41.382091	173.151734		1983	12	21	Eastop, V.F.	swept		
2	Aulacorthum solani	Aulacorthum solani		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1983	12	30	Eastop, V.F.	Yucca filamentosa	Yucca filamentosa	
1	Aulacorthum solani	Aulacorthum solani		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1984	1	9	Sunde, R.	Colocasia antiquorum	Colocasia esculentum	
1	Aulacorthum solani	Aulacorthum solani	D	New Zealand					NZ clone; lab				1985	4	4	Damsteegt, V.	Rumex crispus	Rumex crispus	lab colony
3	Aulacorthum solani	Aulacorthum solani		New Zealand									15959	11	18	Lamb, K.P.	trapped		
1	Aulacorthum solani	Aulacorthum solani		New Zealand												Lowe, A.D.	Pelargonium	Pelargonium	
1	Aulacorthum solani	Aulacorthum solani		New Zealand												Muggeridge, J.	Rumex	Rumex	
1	Aulacorthum solani	Aulacorthum solani		New Zealand	MC	Mid Canterbury		Chirstchurch		-43.516490	172.640699					Myers, J.G.	Vinca major	Vinca major	
1	Betulaphis brevipilosa	Betulaphis brevipilosa		New Zealand	NN	Nelson		Nelson		-41.270786	173.284000		1929	11		Clark, A.F.	Betula alba	Betula pendula	
1	Betulaphis brevipilosa	Betulaphis brevipilosa		New Zealand	WN	Wellington		Wellington		-41.28648	174.776217		1930			Cottier, W.	Betula alba	Betula pendula	
4	Betulaphis brevipilosa	Betulaphis brevipilosa		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1983	11	21	Eastop, V.F.	Betula pendula	Betula pendula	
4	Betulaphis brevipilosa	Betulaphis brevipilosa		New Zealand	DN	Dunedin		Dunedin	Botanic Gardens	-45.858887	170.524533		1983	12	5	Eastop, V.F.	Betula	Betula	
1	Betulaphis brevipilosa	Betulaphis brevipilosa		New Zealand	DN	Dunedin		Dunedin		-45.875470	170.505744		1983	12	5	Eastop, V.F.	Betula pendula	Betula pendula	
2	Betulaphis brevipilosa	Betulaphis brevipilosa		New Zealand	DN	Dunedin		Dunedin		-45.875470	170.505744		1983	12	5	Eastop, V.F.	Betula pendula	Betula pendula	
3	Betulaphis brevipilosa	Betulaphis brevipilosa		New Zealand	SD	Marlborough		Picton		-41.292877	174.005806		1983	12	16	Eastop, V.F.	Beutla pendula	Betula pendula	
1	Betulaphis brevipilosa	Betulaphis brevipilosa		New Zealand	TO	Taupo		Tongariro N.P.	Taranaki Falls Track	-39.205159	175.541995		1985	1	25	Holis, D.	Dacrydium bidwillii	Dacrydium bidwillii	
1	Brachycaudus helichrysi	Brachycaudus helichrysi		New Zealand	MB	Marlborough		Blenheim		-41.516457	173.953239		1921	3	1	Meyers, J.G.	red clover	Trifolium pratense	
1	Brachycaudus helichrysi	Brachycaudus helichrysi		New Zealand	WN	Wellington		Wellington		-41.28648	174.776217		1922	11	22	Moore, E.	Senecio huntii	Senecio huntii	
1	Brachycaudus helichrysi	Brachycaudus helichrysi		New Zealand	SL	Southland		Gore		-46.100635	168.944383		1929			Cottier, W.	Cirsium arvense	Cirsium arvense	
1	Brachycaudus helichrysi	Brachycaudus helichrysi		New Zealand	WI	Wanganui		Palmerston North		-40.355746	175.612190		1931			Cottier, W.	orange	Citrus	
1	Brachycaudus helichrysi	Brachycaudus helichrysi		New Zealand				Tennent					1931			Cottier, W.	red clover	Trifolium pratense	
1	Brachycaudus helichrysi	Brachycaudus helichrysi		New Zealand	WI	Wanganui		Palmerston North		-40.355746	175.612190		1931			Cottier, W.	sunflower	Helianthus	
2	Brachycaudus helichrysi	Brachycaudus helichrysi		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1958	7	23	Eastop, V.F.	yellow trays		
1	Brachycaudus helichrysi	Brachycaudus helichrysi		New Zealand	MC	Mid Canterbury		Lincoln		-43.640326	172.483995		1959	10	21	Eastop, V.F.	yellow trap		
1	Brachycaudus helichrysi	Brachycaudus helichrysi		New Zealand	MC	Mid Canterbury		Lincoln		-43.640326	172.483995		1959	11	11	Lamb, K.P.	trap		
1	Brachycaudus helichrysi	Brachycaudus helichrysi		New Zealand									1959	11	18	Lamb, K.P.	trapped		
1	Brachycaudus helichrysi	Brachycaudus helichrysi		New Zealand	MC	Mid Canterbury		Lincoln		-43.640326	172.483995		1959	11	30	Eastop, V.F.	trap		
1	Brachycaudus helichrysi	Brachycaudus helichrysi		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1960	3	3	Lamb, K.P.	trapped		
1	Brachycaudus helichrysi	Brachycaudus helichrysi		New Zealand	MC	Mid Canterbury		Lincoln		-43.640326	172.483995		1960	3	10	Lamb, K.P.			
1	Brachycaudus helichrysi	Brachycaudus helichrysi		New Zealand	MC	Mid Canterbury		Chirstchurch		-43.516490	172.640699		1961	10	25	Lowe, A.D.	trap		
1	Brachycaudus helichrysi	Brachycaudus helichrysi		New Zealand	MC	Mid Canterbury		Halkett		-43.500938	172.321586		1962	11	23	Hoskins, F.E.	Onopordon acanthium	Onopordon acanthium	
1	Brachycaudus helichrysi	Brachycaudus helichrysi		New Zealand	MC	Mid Canterbury		Chirstchurch		-43.516490	172.640699		1972	9	9	Eastop, V.F.	?chamomile	Asteraceae	
3	Brachycaudus helichrysi	Brachycaudus helichrysi		New Zealand	TO	Taupo		Taupo	Waipahihi	-38.710508	176.102435		1972	9	21	Eastop, V.F.	?Erigeron	Asteraceae	
3	Brachycaudus helichrysi	Brachycaudus helichrysi		New Zealand	TO	Taupo		Taupo	Waipahihi Botanic Gardens	-38.710508	176.102435		1972	9	21	Eastop, V.F.	Coriaria arborea	Coriaria arborea	
1	Brachycaudus helichrysi	Brachycaudus helichrysi		New Zealand	TO	Taupo		Whakamaru		-38.423545	175.806678		1972	9	26	Eastop, V.F.	Dianthus	Dianthus	
2	Brachycaudus helichrysi	Brachycaudus helichrysi		New Zealand	WO	Waikato		Rukuhia		-37.852259	175.305942		1972	9	27	Eastop, V.F.	Galium aparine	Galium aparine	
5	Brachycaudus helichrysi	Brachycaudus helichrysi		New Zealand	WO	Waikato		Ruakura		-37.775663	175.307854		1972	9	27	Eastop, V.F.			
1	Brachycaudus helichrysi	Brachycaudus helichrysi		New Zealand	AK	Auckland		Pukekohe		-37.200630	174.903626		1972	10	2	Eastop, V.F.	?chamomile	Asteraceae	
1	Brachycaudus helichrysi	Brachycaudus helichrysi		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1983	11	14	Eastop, V.F.	Hebe	Hebe	
1	Brachycaudus helichrysi	Brachycaudus helichrysi		New Zealand	DN	Dunedin		Dunedin	Botanic Gardens	-45.858887	170.524533		1983	12	5	Eastop, V.F.	Hebe elliptica	Hebe elliptica	
1	Brachycaudus helichrysi	Brachycaudus helichrysi		New Zealand	SL	Southland	Gore	Dolomore Park		-46.060077	168.830373		1983	12	6	Eastop, V.F.	Prunus spinosa	Prunus spinosa	
1	Brachycaudus helichrysi	Brachycaudus helichrysi		New Zealand	DN	Dunedin		Dunedin		-45.875470	170.505744		1983	12	7	Eastop, V.F.	Azalea ilam?	Rhododenron	

material	identification			location									date			collection	host		
slide count	label det	species	det_by	country	admin1 / Crosby area	admin2 / Crosby area	admin3	locality	site	lat	long	elevation	year	month	day	collector	label_host	stand_host	notes for database
	1 Brachycaudus helichrysi	Brachycaudus helichrysi		New Zealand	DN	Dunedin		Dunedin		-45.875470	170.505744		1983	12	7	Eastop, V.F.	Iris	Iris	
	1 Brachycaudus helichrysi	Brachycaudus helichrysi		New Zealand	MC	Mid Canterbury		Lincoln	Lincoln College	-43.643571	172.468122		1983	12	12	Eastop, V.F.	Epilobium ciliatum or obscurum	Epilobium	
	1 Brachycaudus helichrysi	Brachycaudus helichrysi		New Zealand	MC	Mid Canterbury		Irwell		-43.704160	172.361285		1983	12	13	Eastop, V.F.	Cirsium arvense	Cirsium arvense	
	1 Brachycaudus helichrysi	Brachycaudus helichrysi		New Zealand					Rotoiti-Blenheim				1983	12	24	Eastop, V.F.	Cirsium vulgare	Cirsium vulgare	
	1 Brachycaudus helichrysi	Brachycaudus helichrysi	CF Morales	New Zealand	CO	Central Otago		Clyde	R.O.	-45.189837	169.326609		1987	12	4	McLaren, J.	Prunus domestica leaves	Prunus domestica	
	1 Brachycaudus helichrysi	Brachycaudus helichrysi		New Zealand	WI	Wanganui		Palmerston North		-40.355746	175.612190					Cottier, W.	spinach	Spinacia oleracea	
	1 Brachycaudus (Acaudus) persicae	Brachycaudus persicae		New Zealand	MC	Mid Canterbury		Governors Bay		-43.624775	172.647364		1921	11	10	Meyers, J.G.	peach	Prunus persica	
	1 Brachycaudus (Acaudus) persicae	Brachycaudus persicae		New Zealand	WI	Wanganui		Palmerston North		-40.355746	175.612190		1931			Cottier, W.	nectarine	Prunus persica	
	1 Brachycaudus (Acaudus) persicae	Brachycaudus persicae		New Zealand	WI	Wanganui		Palmerston North		-40.355746	175.612190		1931			Cottier, W.	plum	Prunus	
	1 Brachycaudus (Acaudus)	Brachycaudus persicae		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1958	2	5	Eastop, V.F.	yellow trays		
	1 Brachycaudus (Acaudus)	Brachycaudus persicae		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1959	9	25	Eastop, V.F.	yellow trays		
	1 Brachycaudus (Acaudus)	Brachycaudus persicae		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1959	10	19	Eastop, V.F.	yellow trays		
	1 Brachycaudus (Acaudus) persicae	Brachycaudus persicae		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1959	11	26	Eastop, V.F.			
	4 Brachycaudus (Acaudus) persicae	Brachycaudus persicae		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1983	11	20	Eastop, V.F.	Prunus persica	Prunus persica	
	1 Brevicoryne brassicae	Brevicoryne brassicae		New Zealand	WN	Wellington		Wellington		-41.28648	174.776217		1921	3	27	Myers, J.G.	swedes	Brassica napus	
	1 Brevicoryne brassicae	Brevicoryne brassicae		New Zealand	WI	Wanganui		Palmerston North		-40.355746	175.612190		1930			Cottier, W.	swedes	Brassica napus	
	1 Brevicoryne brassicae	Brevicoryne brassicae		New Zealand	WI	Wanganui		Palmerston North		-40.355746	175.612190		1932			Cottier, W.			
	1 Brevicoryne brassicae	Brevicoryne brassicae		New Zealand	MC	Mid Canterbury		Lincoln		-43.640326	172.483995		1959	10	28	Eastop, V.F.	yellow trap		
	2 Brevicoryne brassicae	Brevicoryne brassicae		New Zealand									1959	11	16	Lamb, K.P.	yellow trays		
	2 Brevicoryne brassicae	Brevicoryne brassicae		New Zealand									1959	11	18	Lamb, K.P.			
	1 Brevicoryne brassicae	Brevicoryne brassicae		New Zealand	MC	Mid Canterbury		Lincoln		-43.640326	172.483995		1959	11	25	Lamb, K.P.			
	2 Brevicoryne brassicae	Brevicoryne brassicae		New Zealand									1960	3	3	Lamb, K.P.	yellow trays		
	1 Brevicoryne brassicae	Brevicoryne brassicae		New Zealand	MC	Mid Canterbury		Lincoln		-43.640326	172.483995		1960	3	10	Lamb, K.P.			
	1 Brevicoryne brassicae	Brevicoryne brassicae		New Zealand	MC	Mid Canterbury		Lincoln		-43.640326	172.483995		1960	3	29	Lamb, K.P.			
	13 Brevicoryne brassicae	Brevicoryne brassicae		New Zealand	NC	North Canterbury							1967			Jessop, C.Tom			
	6 Brevicoryne brassicae	Brevicoryne brassicae		New Zealand	AK	Auckland	Auckland City	Glen Eden		-36.913033	174.644630		1972	10	1	Eastop, V.F.	Rhaphanus maritimus	Rhaphanus maritimus	
	1 Brevicoryne brassicae	Brevicoryne brassicae		New Zealand	AK	Auckland	Auckland City	Mount Albert	D.S.I.R.	-36.890350	174.726326		1983	10	18	Eastop, V.F.	Rhaphanus maritimus	Rhaphanus maritimus	
	1 Brevicoryne brassicae	Brevicoryne brassicae		New Zealand	MB	Marlborough		Saint Arnaud		-41.804379	172.844332		1983	12	23	Eastop, V.F.			
	1 Brevicoryne brassicae	Brevicoryne brassicae		New Zealand	MC	Mid Canterbury		Lincoln		-43.640326	172.483995					Eastop, V.F.	yellow trap		
	Kallistaphis basalis	Calaphis flava		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1958	12	17	Eastop, V.F.	yellow trays		
	1 Kallistaphis basalis	Calaphis flava		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1960	11	14	Lamb, K.P.	sticky trap		
	2 Calaphis basalis	Calaphis flava		New Zealand	WN	Wellington		Levin		-40.621845	175.286588		1966	11	7	Morrison, L.G.	silver birch	Betula pendula	
	2 Calaphis flava	Calaphis flava		New Zealand	AK	Auckland	Auckland City	Mount Albert		-36.884062	174.715550		1971	4	28		sticky trap		
	1 Kalistaphis flava	Calaphis flava		New Zealand	AK	Auckland	Auckland City	Mount Albert		-36.884062	174.715550		1983	10	12	Eastop, V.F.	Betula pendula	Betula pendula	
	1 Calaphis flava	Calaphis flava		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1983	10	20	Eastop, V.F.	Betula	Betula	
	1 Calaphis flava	Calaphis flava		New Zealand	AK	Auckland	Auckland City	Mount Albert		-36.884062	174.715550		1983	10	25	Eastop, V.F.	Podocarpus (vagrant)	Podocarpus	
	4 Kalistaphis flava	Calaphis flava		New Zealand	AK	Auckland	Manukau City	Manurewa		-37.021267	174.895898		1983	10	26	Eastop, V.F.	Betula pendula	Betula pendula	
	3 Calaphis flava	Calaphis flava		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1983	11	11	Eastop, V.F.	Betula	Betula	
	1 Kalistaphis flava	Calaphis flava		New Zealand	DN	Dunedin		Dunedin	Botanic Gardens	-45.858887	170.524533		1983	12	5	Eastop, V.F.	Acer pseudoplatanus	Acer pseudoplatanus	
	1 Kalistaphis flava	Calaphis flava		New Zealand	DN	Dunedin		Dunedin		-45.875470	170.505744		1983	12	5	Eastop, V.F.	Betula	Betula	
	1 Kalistaphis flava	Calaphis flava		New Zealand	DN	Dunedin		Dunedin		-45.875470	170.505744		1983	12	5	Eastop, V.F.	Betula	Betula	
	1 Calaphis flava	Calaphis flava		New Zealand	DN	Dunedin		Dunedin		-45.875470	170.505744		1983	12	5	Eastop, V.F.	Betula pendula	Betula pendula	
	1 Capitophorus elaeagni	Capitophorus elaeagni		New Zealand	HB	Hawkes Bay		Hawkes Bay		-39.514099	176.886993		1921	10		Miller, D.	Elaeagnus japonica	Elaeagnus japonica	
	1 Capitophorus elaeagni	Capitophorus elaeagni		New Zealand									1930			Cottier, W.	California thistle	Cirsium arvense	
	1 Capitophorus elaeagni	Capitophorus elaeagni		New Zealand	WI	Wanganui		Palmerston North		-40.355746	175.612190		1932			Cottier, W.	Elaeagnus	Elaeagnus	
	1 Capitophorus elaeagni	Capitophorus elaeagni		New Zealand	AK	Auckland	Auckland City	Mount Albert	P.D.D	-36.890350	174.726326		1959	4	15	Eastop, V.F.	yellow trays		
	1 Capitophorus elaeagni	Capitophorus elaeagni		New Zealand									1960	3	16	Lamb, K.P.	yellow trays		
	1 Capitophorus elaeagni	Capitophorus elaeagni		New Zealand									1960	3	29	Lamb, K.P.	yellow trays		

material	identification			location									date			collection	host		
slide count	label det	species	det_by	country	admin1 / Crosby area	admin2 / Crosby area	admin3	locality	site	lat	long	elevation	year	month	day	collector	label_host	stand_host	notes for database
1	Capitophorus elaeagni	Capitophorus elaeagni		New Zealand	MC	Mid Canterbury		Lincoln		-43.640326	172.483995		1960	3	29	Lamb, K.P.			
1	Capitophorus elaeagni	Capitophorus elaeagni		New Zealand	MC	Mid Canterbury		Lincoln		-43.640326	172.483995		1960	3	30	Lamb, K.P.			
2	Capitophorus elaeagni	Capitophorus elaeagni		New Zealand									1960	4	5	Lamb, K.P.	yellow trays		
3	Capitophorus elaeagni	Capitophorus elaeagni		New Zealand									1960	4	12	Lamb, K.P.	yellow trays		
6	Capitophorus elaeagni	Capitophorus elaeagni		New Zealand									1960	4	20	Lamb, K.P.	yellow trays		
1	Capitophorus elaeagni	Capitophorus elaeagni		New Zealand	AK	Auckland		Pukekohe		-37.200630	174.903626		1972	10	2	Eastop, V.F.	Carduus pynocephalus	Carduus pynocephalus	
1	Capitophorus elaeagni	Capitophorus elaeagni		New Zealand	AK	Auckland		Pukekohe		-37.200630	174.903626		1972	10	2	Eastop, V.F.	Cynara solymnus	Cynara solymnus	
1	Capitophorus elaeagni	Capitophorus elaeagni		New Zealand	CO	Central Otago		Alexandra		-45.251666	169.388507		1982	4	29	Mound, L.A.	Prunus persica	Prunus persica	
1	Capitophorus elaeagni	Capitophorus elaeagni		New Zealand	AK	Auckland	Manukau City	Manurewa		-37.021267	174.895898		1983	10	26	Eastop, V.F.	Coprosma	Coprosma	
2	Capitophorus elaeagni	Capitophorus elaeagni		New Zealand	AK	Auckland	Auckland City	Oratia		-36.915981	174.614798		1983	11	25	Eastop, V.F.	Cirsium arvense	Cirsium arvense	
1	Capitophorus elaeagni	Capitophorus elaeagni		New Zealand	MC	Mid Canterbury		Chirstchurch		-43.516490	172.640699		1983	12	8	Eastop, V.F.	Hippophaes rhamnoides	Hippophaes rhamnoides	
1	Capitophorus elaeagni	Capitophorus elaeagni		New Zealand	MC	Mid Canterbury		Tinwald	Window Road	-43.918492	171.723070		1983	12	12	Eastop, V.F.	Carduus	Carduus	
3	Capitophorus elaeagni	Capitophorus elaeagni		New Zealand	MC	Mid Canterbury		Irwell		-43.704160	172.361285		1983	12	13	Eastop, V.F.	Cirsium arvense	Cirsium arvense	
1	Capitophorus elaeagni	Capitophorus elaeagni		New Zealand				Rotoiti-Blenheim					1983	12	24	Eastop, V.F.	Cirsium vulgare	Cirsium vulgare	
1	Capitophorus elaeagni	Capitophorus elaeagni		New Zealand	MC	Mid Canterbury		Lincoln		-43.640326	172.483995					Lowe, A.D.			
1	Capitophorus hippophaes	Capitophorus hippophaes		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1958	1	8				
1	Capitophorus hippophaes	Capitophorus hippophaes		New Zealand									1983	11	23	Eastop, V.F.	Polygonum	Polygonum	
2	Casimira, Paradoxaphis	Casimira		New Zealand	SL	Southland		Tautuku Bay		-46.574852	169.443516	33m	1998	1	27		Ozothamnus leptophylla	Ozothamnus leptophylla	native aphid
1	Paradoxaphis	Casimira		New Zealand	MC	Mid Canterbury		Christchurch		-43.516490	172.640699		1998	12	22	Teulon, D.	Ozothamnus	Ozothamnus	native aphid, lab colony?
2		Casimira?		New Zealand	SL	Southland	Catlins			-46.582145	169.420091	33m	2000	1	7	Stufkens, Marlon	Ozothamnus	Ozothamnus	native aphid?
1		Casimira?		New Zealand	SL	Southland	Catlins	Tautaku		-46.582145	169.420091	33m	2000	12	26	Stufkens, Marlon	Ozothamnus leptophylla	Ozothamnus leptophylla	native aphid?
1	Cavariella aegopodii	Cavariella aegopodii		New Zealand	NN	Nelson		Nelson		-41.270786	173.284000		1930			Dumbleton, L.J.	fennel	Foeniculum vulgare	
1	Cavariella aegopodii	Cavariella aegopodii	HRL	New Zealand	WD	Westland		Mount Alpha		-44.061210	168.554795		1931	2	15		sweeping		
1	Cavariella aegopodii	Cavariella aegopodii		New Zealand	WN	Wellington		Tararua Range		-40.766667	175.383333		1931			Cottier, W.			
1	Cavariella aegopodii	Cavariella aegopodii		New Zealand	MC	Mid Canterbury		Lincoln		-43.640326	172.483995		1959	10	28	Eastop, V.F.	trap		
1	Cavariella aegopodii	Cavariella aegopodii		New Zealand	MC	Mid Canterbury		Lincoln		-43.640326	172.483995		1959	10	28	Lamb, K.P.	trap		
3	Cavariella aegopodii	Cavariella aegopodii		New Zealand									1959	11	18	Lamb, K.P.	trap		
2	Cavariella aegopodii	Cavariella aegopodii		New Zealand									1959	11	18	Lamb, K.P.	trapped		
1	Cavariella aegopodii	Cavariella aegopodii		New Zealand	MC	Mid Canterbury		Lincoln		-43.640326	172.483995		1959	11	26	Eastop, V.F.	trap		
1	Cavariella aegopodii	Cavariella aegopodii		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1962	11	18	Eastop, V.F.	swept		
1	Cavariella aegopodii	Cavariella aegopodii		New Zealand	NN	Nelson		Eves		-41.333610	173.048257		1972	9	16	Eastop, V.F.	Salix	Salix	
1	Cavariella aegopodii	Cavariella aegopodii		New Zealand	AK	Auckland			Waitakere Dam	-36.95904	174.601684		1979	8	11	Mound, L.A.	Angelica rosifolia	Angelica rosifolia	
4	Cavariella aegopodii	Cavariella aegopodii		New Zealand	AK	Auckland	Auckland City	Mount Albert	D.S.I.R.	-36.890350	174.726326		1983	10	19	Eastop, V.F.	Daucus carota	Daucus carota	
6	Cavariella aegopodii	Cavariella aegopodii		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1983	10	19	Eastop, V.F.	Salix	Salix	
3	Cavariella aegopodii	Cavariella aegopodii		New Zealand	AK	Auckland	Manukau City	Manurewa		-37.021267	174.895898		1983	10	26	Eastop, V.F.	Aciphylla	Aciphylla	
1	Cavariella aegopodii	Cavariella aegopodii		New Zealand	AK	Auckland		Pukekohe		-37.200630	174.903626		1983	11	1	Eastop, V.F.	swept		
1	Cavariella aegopodii	Cavariella aegopodii		New Zealand				Waitakerio					1983	11	5	Eastop, V.F.	Podocarpus halli	Podocarpus halli	
1	Cavariella aegopodii	Cavariella aegopodii		New Zealand	DN	Dunedin		Dunedin	Botanic Gardens	-45.858887	170.524533		1983	12	5	Eastop, V.F.	Aquilegia	Aquilegia	
3	Cavariella aegopodii	Cavariella aegopodii		New Zealand	BR	Buller		Lake Rotoiti		-41.801893	172.823317		1983	12	23	Eastop, V.F.	Salix	Salix	
1	Cavariella aegopodii	Cavariella aegopodii		New Zealand	BR	Buller		Lake Rotoiti		-41.801893	172.823317		1983	12	23	Eastop, V.F.			
1	Cavariella aegopodii	Cavariella aegopodii	HRL	New Zealand	NN	Nelson		Nelson		-41.270786	173.284000		?	2	5	Dumbleton, L.J.	fennel	Foeniculum vulgare	
1	Cavariella aegopodii	Cavariella aegopodii	HRL	New Zealand	WI	Wanganui		Palmerston North		-40.355746	175.612190					Cottier	parsnip leaves	Pastinaca sativa	
3	Pentatrichopus	Chaetosiphon		New Zealand	AK	Auckland	Auckland City	Mount Albert		-36.884062	174.715550		1983	10	11	Eastop, V.F.	Rosa multiflora	Rosa multiflora	
4	Pentatrichopus	Chaetosiphon		New Zealand	AK	Auckland	Auckland City	Mount Albert		-36.884062	174.715550		1985	2	1	Sunde, R.G.	Rosa multiflora	Rosa multiflora	
2	Pentatrichopus	Chaetosiphon		New Zealand	AK	Auckland	Auckland City	Mount Albert		-36.884062	174.715550		1985	4	24	Sunde, R.G.	Rosa multiflora	Rosa multiflora	
4	Pentatrichopus	Chaetosiphon		New Zealand	AK	Auckland	Auckland City	Mount Albert		-36.884062	174.715550		1986	3	19	Sunde, R.G.	Rosa multiflora	Rosa multiflora	
1	Chaetosiphon fragaefolii	Chaetosiphon fragaefolii		New Zealand	WI	Wanganui		Palmerston North		-40.355746	175.612190		1929			Cottier, W.	strawberry	Fragaria	
5	Chaetosiphon fragaefolii	Chaetosiphon fragaefolii		New Zealand	MC	Mid Canterbury		Chirstchurch		-43.516490	172.640699		1934	7	4	Helson, G.A.H.	strawberry	Fragaria	
1	Chaetosiphon fragaefolii	Chaetosiphon fragaefolii		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1959	2	18	Eastop, V.F.	yellow trays		
1	Chaetosiphon fragaefolii	Chaetosiphon fragaefolii		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1960	11	14	Lamb, K.P.	sticky trap		
1	Chaetosiphon fragaefolii	Chaetosiphon fragaefolii		New Zealand	AK	Auckland	Auckland City	Massey		-36.834121	174.618372		1985	5	11	Sunde, R.G.	strawberry	Fragaria	

material	identification			location									date			collection	host		
slide count	label det	species	det_by	country	admin1 / Crosby area	admin2 / Crosby area	admin3	locality	site	lat	long	elevation	year	month	day	collector	label_host	stand_host	notes for database
	1 Chaetosiphon tetrahrodus	Chaetosiphon tetrahrodus		New Zealand	WI	Wanganui		Aramoho		-39.898576	175.065106		1921	8	27	Meyers, J.G.	rose	Rosa	
	1 Chaetosiphon tetrahrodus	Chaetosiphon tetrahrodus		New Zealand	WI	Wanganui		Palmerston North		-40.355746	175.612190		1930	6	11	Cottier, W.	Rosa sp.	Rosa	
	1 Chaetosiphon tetrahrodus	Chaetosiphon tetrahrodus		New Zealand	WI	Wanganui		Palmerston North		-40.355746	175.612190		1931			Cottier, W.	rose	Rosa	
	1 Chaetosiphon tetrahrodus	Chaetosiphon tetrahrodus		New Zealand	AK	Auckland	Auckland City	Mount Albert	P.D.D	-36.890350	174.726326		1957	2	12	Lamb, K.P.	tray		
	1 Chaetosiphon tetrahrodus	Chaetosiphon tetrahrodus		New Zealand	MC	Mid Canterbury		Chirstchurch		-43.516490	172.640699		1961	10	25	Lowe, A.D.	trap		
	1 Chaetosiphon tetrahrodus	Chaetosiphon tetrahrodus		New Zealand	MC	Mid Canterbury		Chirstchurch		-43.516490	172.640699		1961	11	20	Lowe, A.D.	trap		
	1 Chaetosiphon tetrahrodus	Chaetosiphon tetrahrodus		New Zealand	NN	Nelson		Nelson		-41.270786	173.284000		1972	9	16	Eastop, V.F.	Rosa sp.	Rosa	
	2 Chaetosiphon tetrahrodus	Chaetosiphon tetrahrodus		New Zealand	SD	Marlborough		Picton		-41.292877	174.005806		1983	12	15	Eastop, V.F.	Rosa canina	Rosa canina	
	1 Chaetosiphon tetrahrodus	Chaetosiphon tetrahrodus		New Zealand	BR	Buller		Lake Rotoiti		-41.801893	172.823317		1983	12	23	Eastop, V.F.	Rosa	Rosa	
	2 Chaetosiphon tetrahrodus	Chaetosiphon tetrahrodus		New Zealand	MB	Marlborough		Howard Junction	5 km east at	-41.759532	172.705125		1983	12	23	Eastop, V.F.	Rosa canina	Rosa canina	
	1 Cupressobium ?fresai	Cinara		New Zealand	AK	Auckland	Auckland City	Auckland	Auckland	-36.859158	174.775808		1983	10	25	Eastop, V.F.	Podocarpus totara	Podocarpus totara	
	1 Cinara fresai	Cinara fresai		New Zealand	TK	Taranaki		New Plymouth		-39.058054	174.076433		1939	6	30	Offem, D.	Juniper	Juniperus	
	3 Cinara fresai	Cinara fresai		New Zealand					S.F., Whake				1963	5	20	Zondag, R.	Cupressus macrocarpa	Cupressus macrocarpa	
	4 Cinara fresai	Cinara fresai		New Zealand	WO	Waikato		Hamilton		-37.788263	175.283883		1979	4	11	Oliver, H.A.	Cupressus macrocarpa	Cupressus macrocarpa	
	1 Cinara fresai	Cinara fresai		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1983	10	21	Eastop, V.F.	Juniperus chinensis	Juniperus chinensis	
	2 Cinara fresai	Cinara fresai		New Zealand	AK	Auckland	Auckland City	Auckland	Eden Gardens	-36.876765	174.767434		1983	10	27	Eastop, V.F.	Juniperus conferta &	Juniperus	
	1 Cinara fresai	Cinara fresai		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1983	10	27	Eastop, V.F.	Juniperus horizontalis	Juniperus horizontalis	
	2 Cinara fresai	Cinara fresai		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1983	10	27	Eastop, V.F.	Juniperus sp.	Juniperus	
	5 Cinara juniperi	Cinara juniperi		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1960	1	11	Eastop, V.F.	Juniperus	Juniperus	
	3 Cinara juniperi	Cinara juniperi		New Zealand	AK	Auckland		?Auckland		-36.847385	174.765735		1960	1	12	Eastop, V.F.	?Juniperus	Cupressaceae	
	1 Cinara juniperi	Cinara juniperi		New Zealand	MC	Mid Canterbury		Christchurch	Botanic Gardens	-43.530904	172.620515		1962	10	24	Lowe, A.D.	trapped		
	1 Cinara juniperi	Cinara juniperi		New Zealand	AK	Auckland	Auckland City	Mount Albert		-36.884062	174.715550		1983	10	12	Eastop, V.F.	Juniperus chinensi var sulphur	Juniperus chinensis	
	1 Cinara juniperi	Cinara juniperi		New Zealand	AK	Auckland	Auckland City	Auckland	Eden Gardens	-36.876765	174.767434		1983	10	27	Eastop, V.F.	Juniperus conferta	Juniperus conferta	
	2 Cinara juniperi	Cinara juniperi		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		4983	10	12	Eastop, V.F.	Juniperus chinensis	Juniperus chinensis	
	1 Cinara louisianensis	Cinara louisianensis		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1981	9	25	Cibilich, A.	Chamaecyparis lawsoniana	Chamaecyparis	
	2 Cinara idahoensis	Cinara louisianensis		New Zealand	AK	Auckland	Manukau City	Manurewa		-37.021267	174.895898		1983	10	26	Eastop, V.F.	Thuja occidentalis	Thuja occidentalis	
	34 Cinara pilicornis	Cinara pilicornis		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1983	9	?	Eastop, V.F.	Picea abies	Picea abies	
	2 Cinara pilicornis	Cinara pilicornis		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1983	11	4	Eastop, V.F.	Picea excelsa?	Picea	
	1 Cinara pilicornis	Cinara pilicornis		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1983	11	21	Eastop, V.F.	Picea sitchensis	Picea sitchensis	
	4 Cinara pilicornis	Cinara pilicornis		New Zealand	SL	Southland		Gore		-46.100635	168.944383		1983	12	6	Eastop, V.F.	Picea ?pungens glauca	Picea	
	2 Cinara tujafilina	Cinara tujafilina		New Zealand	AK	Auckland	Auckland City	Sandringham		-36.891966	174.736209		1984	8	31	Cibilich, A.	Chamaecyparis lawsoniana	Chamaecyparis	
	1 Coloradoa rufomaculata	Coloradoa rufomaculata		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1939	6	14	Cottier, W.	Chrysanthemum	Chrysanthemum	
	1 Viteus vitifoliae	Daktulosphaira vitifoliae		New Zealand	AK	Auckland			Penfold's				1972	2	23	Sunde	grap vine leaf (dead)	Vitis vinifera	
	9 Viteus vitifoliae	Daktulosphaira vitifoliae		New Zealand	AK	Auckland			Penfold's vinyards				1972	2	23	Sunde	sticky trap		
	4 Viteus vitifoliae	Daktulosphaira vitifoliae		New Zealand	AK	Auckland			Penfold's				1972	3	1	Sunde	sticky trap		
	1 Viteus vitifolii	Daktulosphaira vitifoliae		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1972	4	28	Sunde, R.G.	galls on vine	Vitis vinifera	
	2 Viteus vitifolii	Daktulosphaira vitifoliae		New Zealand	AK	Auckland		Waimauku		-36.768620	174.493469		1972	11	29	Eastop, V.F.	roots of Vitis vinifera	Vitis vinifera	
	1 Viteus vitifoliae	Daktulosphaira vitifoliae		New Zealand	AK	Auckland		Waimauku		-36.768620	174.493469		1972	11	29	Eastop, V.F.	Vitis roots		
	1 Viteus vitifolii	Daktulosphaira vitifoliae		New Zealand	WO	Waikato		Ruakura		-37.775663	175.307854		1983	11	16	Eastop, V.F.	vine roots?		
	1 Viteus vitifolii	Daktulosphaira vitifoliae		New Zealand	MB	Marlborough		Blenheim		-41.516457	173.953239		1984	1	6	Eastop, V.F.	Vites roots	Vitis	
	1 Viteus vitifolii	Daktulosphaira vitifoliae		New Zealand	WO	Waikato		Hamilton		-37.788263	175.283883		1984	1	10	King, P.D.	Vitus	Vitis	
	1 Drepanosiphum platanoidis	Drepanosiphum platanoidis		New Zealand	MC	Mid Canterbury		Lincoln		-43.640326	172.483995		1959	11	18	Lamb, K.P.	trap		
	2 Drepanosiphum platanoidis	Drepanosiphum platanoidis		New Zealand									1959	11	18	Lamb, K.P.	trapped		
	1 Drepanosiphum platanoidis	Drepanosiphum platanoidis		New Zealand	MC	Mid Canterbury		Christchurch		-43.516490	172.640699		1961	4	29	Eastop, V.F.	Acer pseudoplatanus	Acer pseudoplatanus	
	1 Drepanosiphum platanoidis	Drepanosiphum platanoidis		New Zealand	MC	Mid Canterbury		Chirstchurch		-43.516490	172.640699		1962	11	8	Lowe, A.D.	trapped		
	1 Drepanosiphum platanoidis	Drepanosiphum platanoidis		New Zealand	MC	Mid Canterbury		Christchurch	Botanic Gardens	-43.530904	172.620515		1964	1	30	Dumbleton, L.J.	Acer monspessulanum	Acer monspessulanum	
	1 Drepanosiphum platanoidis	Drepanosiphum platanoidis		New Zealand	WN	Wellington		Levin	Cambridge St	-40.620761	175.289985		1967	2	20	Ward, A.	sycamore	Acer pseudoplatanus	
	1 Drepanosiphum platanoidis	Drepanosiphum platanoidis		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1983	11	2	Eastop, V.F.	Acer pseudoplatanus	Acer pseudoplatanus	
	1 Drepanosiphum platanoidis	Drepanosiphum platanoidis		New Zealand	DN	Dunedin		Dunedin		-45.875470	170.505744		1983	12	5	Eastop, V.F.	Acer pseudoplatanus	Acer pseudoplatanus	
	1 Drepanosiphum platanoidis	Drepanosiphum platanoidis		New Zealand	MC	Mid Canterbury		Chirstchurch		-43.516490	172.640699		1983	12	8	Eastop, V.F.	Hippophae	Hippophae	
	2 Drepanosiphum platanoidis	Drepanosiphum platanoidis		New Zealand	SD	Marlborough		Picton		-41.292877	174.005806		1983	12	17	Eastop, V.F.	Acer pseudoplatanus	Acer pseudoplatanus	
	1 Drepanosiphum platanoidis	Drepanosiphum platanoidis		New Zealand	WN	Wellington		Levin	Papatonga Lake	-40.647156	175.229854					Pritchard, J.	sycamore	Acer	
	1 Dysaphis ?tulipae	Dysaphis		New Zealand	MC	Mid Canterbury		Lincoln		-43.640326	172.483995		1963	5	8	Lowe, A.D.			
	1 Dysaphis foeniculus	Dysaphis foeniculus		New Zealand	WN	Wellington		Wellington		-41.28648	174.776217		1922	3	31	Miller, D.	Aciphylla squarrosa	Aciphylla squarrosa	
	1 Dysaphis foeniculus	Dysaphis foeniculus		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1958	1	21	Eastop, V.F.	yellow trays		

material				location									date			collection	host			
slide count	label det	species	det_by	country	admin1 / Crosby area	admin2 / Crosby area	admin3	locality	site	lat	long	elevation	year	month	day	collector	label_host	stand_host	notes for database	
	1	Dysaphis foeniculus	Dysaphis foeniculus		New Zealand	AK	Auckland	Auckland City		-36.847385	174.765735		1958	10	8	Eastop, V.F.	yellow trays			
	2	Dysaphis foeniculus	Dysaphis foeniculus		New Zealand	AK	Auckland	Auckland City		-36.847385	174.765735		1960	1	15	Eastop, V.F.	Foeniculum vulgare	Foeniculum vulgare		
	1	Dysaphis foeniculus	Dysaphis foeniculus		New Zealand	AK	Auckland	Auckland City	Mount Albert	P.D.D	-36.890350	174.726326		1960	12	12	Lamb, K.P.	trap		
	6	Dysaphis foeniculus	Dysaphis foeniculus		New Zealand	SL	Southland		Curio Bay		-46.660996	169.100720		1983	1	29	Cox, J.M.	Anisotome	Anisotome	
	4	Dysaphis foeniculus	Dysaphis foeniculus		New Zealand	AK	Auckland	Auckland City	Mount Albert	D.S.I.R.	-36.890350	174.726326		1983	10	19	Eastop, V.F.	Foeniculum vulgare	Foeniculum vulgare	
	1	Dysaphis foeniculus	Dysaphis foeniculus		New Zealand	AK	Auckland	Manukau City	Manurewa		-37.021267	174.895898		1983	10	26	Eastop, V.F.	Aciphylla	Aciphylla	
	1	Dysaphis foeniculus	Dysaphis foeniculus		New Zealand	AK	Auckland	Manukau City	Manurewa		-37.021267	174.895898		1983	10	26	Eastop, V.F.	Aciphylla	Aciphylla	
	4	Dysaphis foeniculus	Dysaphis foeniculus		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1983	11	11	Eastop, V.F.	Foeniculum vulgare	Foeniculum vulgare	
	2	Dysaphis foeniculus	Dysaphis foeniculus	VFE	New Zealand	AK	Auckland		Pukekohe	glasshouse	-37.200630	174.903626		2004	10	24	S[tufkens], M.	Arracasia xanthorrhiza	Arracasia xanthorrhiza	
	1	Dysaphis tulipae	Dysaphis tulipae		United	Scotland			Wellington, on					1923	7	23	Miller, D.			
	1	Dysaphis tulipae	Dysaphis tulipae		United	England			NZ, on bulbs					1931			Cottier, W.	gladiolus bulb	Gladiolus	
	1	Dysaphis tulipae	Dysaphis tulipae		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1958	12	17	Eastop, V.F.			
	1	Dysaphis tulipae	Dysaphis tulipae		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1960	11	28	Lamb, K.P.	sticky trap		
	6	Dysaphis tulipae	Dysaphis tulipae		New Zealand	AK	Auckland	Waikatore City	Titirangi		-36.937952	174.655868		1983	3		Cox, J.M.	Sisyrinchium	Sisyrinchium	
	1	Elatobium abietinum	Elatobium abietinum		New Zealand	TK	Taranaki		New Plymouth		-34.607678	175.425463		1921	7	9	Myers, J.G.	Abies	Abies	
	1	Elatobium abietinum	Elatobium abietinum		New Zealand	NN	Nelson		Nelson		-41.270786	173.284000		1929			Miller, D.	Picea	Picea	
	1	Elatobium abietinum	Elatobium abietinum		New Zealand	NN	Nelson		Nelson		-41.270786	173.284000		1929			Clark, A.E.	Picea excelsa	Picea abies	
	1	Elatobium abietinum	Elatobium abietinum		New Zealand	WO	Waikato		Te Kuiti		-38.333880	175.164468		1937	10	23	Clark, A.E.	Picea excelsa	Picea abies	
	4	Elatobium abietinum	Elatobium abietinum		New Zealand	AK	Auckland	Auckland City	St. Lukes	Gribblehurst Park	-36.880557	174.737155		1983	11	11	Eastop, V.F.	sitka spruce?	Picea	
	1	Elatobium abietinum	Elatobium abietinum		New Zealand	MC	Mid Canterbury		Lincoln		-43.640326	172.483995		1993	11		Farrell, J.	suction trap		
	1	Elatobium abietinum	Elatobium abietinum		New Zealand												Tillyard, R.J.	Menzies spruce	Picea sitchensis	
	1	Eriosoma lanigerum	Eriosoma lanigerum		New Zealand	AK	Auckland	Auckland City	Mount Albert	P.D.D	-36.890350	174.726326		1957	2	26	Lamb, K.P.	tray		
	1	Eriosoma lanigerum	Eriosoma lanigerum		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1960	1	16	Eastop, V.F.	Malus pumilus	Malus pumila+L482	
	5	Eriosoma lanigerum	Eriosoma lanigerum		New Zealand	WO	Waikato		Hamilton		-37.788263	175.283883		1972	9	27	Eastop, V.F.	apple	Malus pumila	
	4	Eriosoma lanigerum	Eriosoma lanigerum		New Zealand	DN	Dunedin		Dunedin		-45.875470	170.505744		1983	12	7	Eastop, V.F.	Malus	Malus	
	2	Eriosoma pyricola	Eriosoma pyricola		New Zealand	NN	Nelson		Nelson		-41.270786	173.284000		1929			Miller, D.			
	5	Eriosoma pyricola	Eriosoma pyricola		New Zealand	WO	Waikato		Hamilton		-37.788263	175.283883		1931	1		Cottier, W.			
	2	Eriosoma pyricola	Eriosoma pyricola	VFE	New Zealand	HB	Hawkes Bay		Hastings		-39.643530	176.843195		1936	12	22	Cottier, W.	leaf gall on cork elm	Ulmus	
	1	Essigella californica	Essigella californica		New Zealand	ND	Northland		Maungatapere	Greenhill	-35.756156	174.179249		1998	3	25	Flynn, A.R.	Pinus radiata	Pinus radiata	
	1	Essigella californica	Essigella californica		New Zealand	ND	Northland		Uretiti Beach		-35.940853	174.455880		1998	3	25	Flynn, A.R.	Pinus radiata	Pinus radiata	
	1	Essigella californica	Essigella californica		New Zealand	AK	Auckland	Warkworth	Sandspit		-36.439852	174.700920		1998	3	25	Flynn, A.R.	Pinus radiata	Pinus radiata	
	1	Essigella californica	Essigella californica		New Zealand	AK	Auckland		Lynfield	Terry St Park	-36.917728	174.706189		1998	3	26	Flynn, A.R.	Pinus radiata	Pinus radiata	
	3	Essigella californica	Essigella californica	ARF	New Zealand	AK	Auckland	Auckland City		Blockhouse Bay	-36.916844°	174.708759°		1998	3	26		Pinus radiata	Pinus radiata	
	2	Eucallipterus tiliae	Eucallipterus tiliae		New Zealand	WI	Wanganui		Palmerston North	Massey	-40.380744	175.615939		1979	3	26	Barlow, N.D.	Tilia vulgaris	Tilia vulgaris	
	2	Eucallipterus tiliae	Eucallipterus tiliae		New Zealand	AK	Auckland	Auckland City	Western Springs		-36.868164	174.72549		1983	11	6	Eastop, V.F.	Tilia	Tilia	
	1	Eucallipterus tiliae	Eucallipterus tiliae		New Zealand	AK	Auckland	Auckland City	Western Springs		-36.868164	174.72549		1983	11	8	Eastop, V.F.	Tilia	Tilia	
	1	Euceraphis betulae	Euceraphis betulae		New Zealand	AK	Auckland	Auckland City	Mount Albert	P.D.D	-36.890350	174.726326		1957	3	23	Lamb, K.P.	tray		
	1	Euceraphis betulae	Euceraphis betulae		New Zealand	MC	Mid Canterbury		Christchurch	Botanic Gardens	-43.530904	172.620515		1964	1	30	Dumbleton, L.J.	Betula pendula	Betula pendula	
	2	Euceraphis betulae	Euceraphis betulae		New Zealand	WN	Wellington		Levin		-40.621845	175.286588		1966	11	15	Morrison, L.G.	silver birch	Betula pendula	
	2	Euceraphis betulae	Euceraphis betulae		New Zealand	MC	Mid Canterbury		Chirstchurch		-43.516490	172.640699		1972	9	14	Eastop, V.F.	Betula	Betula	
	1	Euceraphis betulae	Euceraphis betulae		New Zealand	WO	Waikato		Ruakura		-37.775663	175.307854		1972	9	27	Oliver, H.A./Eastop, V.F.	Betula	Betula	
	1	Euceraphis betulae	Euceraphis betulae		New Zealand	AK	Auckland	Auckland City	Mount Albert		-36.884062	174.715550		1977	5	2	Sunde, R.G.	Betula alba	Betula pendula	
	2	Euceraphis betulae	Euceraphis betulae		New Zealand	AK	Auckland	Auckland City	Mount Albert		-36.884062	174.715550		1983	10	12	Eastop, V.F.	Betula pendula	Betula pendula	
	1	Euceraphis betulae	Euceraphis betulae		New Zealand	AK	Auckland		Wattle Bay		-37.048546	174.583163		1983	10	13	Eastop, V.F.	Betula	Betula	
	2	Euceraphis betulae	Euceraphis betulae		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1983	11	4	Eastop, V.F.	Betula pendula	Betula pendula	
	3	Euceraphis betulae	Euceraphis betulae		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1983	11	8	Eastop, V.F.	Betula pendula	Betula pendula	
	4	Euceraphis betulae	Euceraphis betulae		New Zealand	WO	Waikato		Raglan Harbour		-37.807156	174.895510		1983	11	28	Eastop, V.F.	Betula pendula	Betula pendula	
	4	Euceraphis betulae	Euceraphis betulae		New Zealand	DN	Dunedin		Dunedin	Botanic Gardens	-45.858887	170.524533		1983	12	5	Eastop, V.F.	Betula	Betula	
	3	Euceraphis betulae	Euceraphis betulae		New Zealand	DN	Dunedin		Dunedin		-45.875470	170.505744		1983	12	5	Eastop, V.F.	Betula pendula	Betula pendula	
	1	Euceraphis betulae	Euceraphis betulae		New Zealand	SD	Marlborough Sounds		Picton		-41.292877	174.005806		1983	12	16	Eastop, V.F.	Betula pendula	Betula pendula	

material	identification			location									date			collection	host		
slide count	label det	species	det. by	country	admin1 / Crosby area	admin2 / Crosby area	admin3	locality	site	lat	long	elevation	year	month	day	collector	label_host	stand_host	notes for database
	3 Paradoxaphis aciphyllae	Euschizaphis [Aciphylla]?		New Zealand	OL,CO	Otago Lakes,	Anou	Cadrona (sic)		-44.785327	169.083015		1983	1	25	Cox, J.M.	Aciphylla	Aciphylla	native aphid
	2 Stufkensaphis moundi	Euschizaphis		New Zealand	NN	Nelson		Lake Sylvester		-41.104743	172.623975	1342m	1979	1	31	Mound, L.A.	Dracophyllum pronum	Dracophyllum pronum	native aphid
	1 Euschizaphis moundi	Euschizaphis		New Zealand	BR	Buller		Lewis Pass					1997	2	21	Stufkens, M.A.W.	Dracophyllum palustre	Dracophyllum palustre	native aphid
	1 Euschizaphis moundi	Euschizaphis		New Zealand	WD	Westland		Arthurs Pass	Temple Basin	-42.905133	171.559346	907m	1997	2	24	Stufkens, M.A.W.	Dracophyllum	Dracophyllum	native aphid
	2 Euschizaphis	Euschizaphis [Dracophyllum]		New Zealand	BR	Buller		Lewis Pass					1998	2	2		Dracophyllum uniflorum	Dracophyllum uniflorum	native aphid
	1 Geoica lucifuga	Geoica lucifuga		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1959	2	18	Eastop, V.F.	yellow trays		
	1 Geoica lucifuga	Geoica lucifuga		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1959	3	4	Eastop, V.F.	yellow trays		
	1 Geoica lucifuga	Geoica lucifuga		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1959	4	1	Eastop, V.F.	yellow trays		
	1 Geoica ?lucifuga	Geoica lucifuga		New Zealand	AK	Auckland	Auckland City	Mount Albert	P.D.D	-36.890350	174.726326		1961	1	2	Lamb, K.P.	sticky trap		
	1 Hyadaphis foeniculi	Hyadaphis passerini		New Zealand	DN	Dunedin		Balclutha North		-46.238776	169.737962		1930			Cottier, W.	hemlock	Apiaceae	
	1 Hyadaphis passerini	Hyadaphis passerini		New Zealand	WI	Wanganui		Palmerston North		-40.355746	175.612190		1930			Cottier, W.	Xmas lily	Alstroemeria psittacina	
	1 Hyadaphis foeniculi	Hyadaphis passerini		New Zealand	WI	Wanganui		Palmerston North		-40.355746	175.612190		1931			Cottier, W.	honeysuckle	Lonicera	
	1 Hyadaphis foeniculi	Hyadaphis passerini		New Zealand									1960	4	20	Lamb, K.P.	yellow traps		
	1 Hyadaphis foeniculi	Hyadaphis passerini		New Zealand	WN	Wellington		Otaki		-40.757787	175.152441		1963	5	8	Lowe, A.D.			
	2 Hyadaphis passerini	Hyadaphis passerini		New Zealand	AK	Auckland	Auckland City		Waitakere Dam	-36.95904	174.601684		1979	2	11	Mound, L.A.	Angelica rosifolia	Angelica rosifolia	
	3 Hyadaphis passerini	Hyadaphis passerini		New Zealand	AK	Auckland		Hobsonville		-36.798890	174.653013		1983	11	21	Eastop, V.F.	Lonicera 'Gold Flame'	Lonicera	
	5 Hyadaphis passerini	Hyadaphis passerini		New Zealand	AK	Auckland		Hobsonville		-36.798890	174.653013		1983	11	21	Eastop, V.F.	Lonicera sempervirens	Lonicera sempervirens	
	4 Hyadaphis foeniculi	Hyadaphis passerini		New Zealand	AK	Auckland	Auckland City	Glen Eden		-36.913033	174.644630		1984	1	5	Sunde R.D.	Lonicera japonica	Lonicera japonica	
	1 Hyadaphis passerini	Hyadaphis passerini		New Zealand									1998	1	28	Stufkens, M.	Aciphylla	Aciphylla	
	1 Hyperomyzus lactucae	Hyperomyzus lactucae		New Zealand	AK	Auckland	Auckland City	Mount Albert	P.D.D	-36.890350	174.726326		1959	8	12	Eastop, V.F.	yellow trays		
	3 Hyperomyzus lactucae	Hyperomyzus lactucae		New Zealand									1959	11	18	Lamb, K.P.	trapped		
	1 Hyperomyzus lactucae	Hyperomyzus lactucae		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1959	12	24	Eastop, V.F.	yellow trays		
	1 Hyperomyzus lactucae	Hyperomyzus lactucae		New Zealand									1960	3	16	Lamb, K.P.	yellow trays		
	1 Hyperomyzus lactucae	Hyperomyzus lactucae		New Zealand									1960	4	5	Lamb, K.P.	yellow trays		
	1 Hyperomyzus lactucae	Hyperomyzus lactucae		New Zealand									1960	4	20	Lamb, K.P.	yellow trays		
	1 Hyperomyzus lactucae	Hyperomyzus lactucae		New Zealand			Canterbury						1960	5	26	Lamb, K.P.	trap		
	2 Hyperomyzus lactucae	Hyperomyzus lactucae		New Zealand	MC	Mid Canterbury		Chirstchurch		-43.516490	172.640699		1962	4	26	Lowe, A.D.	trap		
	1 Hyperomyzus lactucae	Hyperomyzus lactucae		New Zealand	MC	Mid Canterbury		Chirstchurch		-43.516490	172.640699		1962	11	8	Lamb, K.P.	trapped		
	1 Hyperomyzus lactucae	Hyperomyzus lactucae		New Zealand	MC	Mid Canterbury		Lincoln		-43.640326	172.483995		1962	11	11	Lamb, K.P.	trapped		
	1 Hyperomyzus lactucae	Hyperomyzus lactucae		New Zealand	MC	Mid Canterbury		Lincoln		-43.640326	172.483995		1962	11	18	Lamb, K.P.	trapped		
	1 Hyperomyzus lactucae	Hyperomyzus lactucae		New Zealand	MC	Mid Canterbury		Chirstchurch		-43.516490	172.640699		1962	11	21	Lamb, K.P.	trapped		
	1 Hyperomyzus lactucae	Hyperomyzus lactucae		New Zealand	MC	Mid Canterbury		Lincoln		-43.640326	172.483995		1962	11	25	Lamb, K.P.	trapped		
	1 Hyperomyzus lactucae	Hyperomyzus lactucae		New Zealand	MC	Mid Canterbury		Lincoln		-43.640326	172.483995		1965	4	23	Lowe, A.D.	Sonchus oleraceus	Sonchus oleraceus	
	2 Hyperomyzus lactucae	Hyperomyzus lactucae		New Zealand	MC	Mid Canterbury		Chirstchurch		-43.516490	172.640699		1965	12	13	Lowe, A.D.	Sonchus oleraceus	Sonchus oleraceus	
	1 Hyperomyzus lactucae	Hyperomyzus lactucae		New Zealand	BP	Bay of Plenty		Rotorua		-38.139826	176.247073		1972	9	22	Eastop, V.F.	Lotus pedunculatus	Lotus pedunculatus	
	6 Hyperomyzus lactucae	Hyperomyzus lactucae		New Zealand	BP	Bay of Plenty		Rotorua		-38.139826	176.247073		1972	9	22	Eastop, V.F.	Sonchus littoralis	Sonchus littoralis	
	3 Hyperomyzus lactucae	Hyperomyzus lactucae		New Zealand	BP	Bay of Plenty		Mount Maunganui		-37.641095	176.184730		1972	9	23	Eastop, V.F.	Sonchus littoralis	Sonchus littoralis	
	2 Hyperomyzus lactucae	Hyperomyzus lactucae		New Zealand	WO	Waikato		Hamilton		-37.788263	175.283883		1972	9	27	Oliver, H.A.	milk thistle	Sonchus	
	2 Hyperomyzus lactucae	Hyperomyzus lactucae		New Zealand	AK	Auckland	Auckland City	Mount Albert		-36.884062	174.715550		1972	9	28	Eastop, V.F.	Sonchus oleraceus	Sonchus oleraceus	
	1 Hyperomyzus lactucae	Hyperomyzus lactucae		New Zealand	AK	Auckland	Auckland City	Glen Eden		-36.913033	174.644630		1972	10	1	Eastop, V.F.	Sonchus littoralis	Sonchus littoralis	
	1 Hyperomyzus lactucae	Hyperomyzus lactucae		New Zealand	AK	Auckland	Auckland City	Glen Eden		-36.913033	174.644630		1972	10	1	Eastop, V.F.	Trifolium repens	Trifolium repens	
	3 Hyperomyzus lactucae	Hyperomyzus lactucae		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1983	10	11	Eastop, V.F.	Sonchus	Sonchus	
	1 Hyperomyzus lactucae	Hyperomyzus lactucae		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1983	11	1	Eastop, V.F.	swept		
	1 Hyperomyzus lactucae	Hyperomyzus lactucae		New Zealand	DN	Dunedin		Dunedin		-45.875470	170.505744		1983	12	7	Eastop, V.F.	Primula near Ribes nigrum	Primula	
	4 Hyperomyzus lactucae	Hyperomyzus lactucae		New Zealand	DN	Dunedin		Dunedin		-45.875470	170.505744		1983	12	7	Eastop, V.F.	Ribes nigrum	Ribes nigrum	
	1 Hyperomyzus lactucae	Hyperomyzus lactucae		New Zealand	MC	Mid Canterbury		Tinwald		-43.918492	171.723070		1983	12	13	Eastop, V.F.	Nasturtium officinale	Nasturtium officinale	
	1 Hyperomyzus lactucae	Hyperomyzus lactucae		New Zealand	MC	Mid Canterbury		Irwell		-43.704160	172.361285		1983	12	13	Eastop, V.F.	Sonchus asper	Sonchus asper	
	1 Hyperomyzus lactucae	Hyperomyzus lactucae		New Zealand												Lowe, A.D.			
	1 Idiopterus nephrolepidis	Idiopterus nephrolepidis		New Zealand	CL	Coromandel	Thames	Kopu		-37.183895	175.570207		1944	10	2	Boakes, E.	maidenhair fern	Adiantum	
	1 Idiopterus nephrolepidis	Idiopterus nephrolepidis		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1983	11	1	Eastop, V.F.	fern	Pteridophyta	
	1 Illinoia azaleae	Illinoia azaleae		New Zealand	MC	Mid Canterbury		Christchurch		-43.516490	172.640699		1974	7	12	Mulholland, R.	rhododendron	Rhododendron	Possibly Illinoia lambersi
	3 Illinoia azaleae	Illinoia azaleae		New Zealand	SL	Southland		Gore		-46.100635	168.944383		1983	12	6	Eastop, V.F.	Azalea	Rhododendron	Possibly Illinoia lambersi

material	identification			location									date			collection	host			
slide count	label det	species	det_by	country	admin1 / Crosby area	admin2 / Crosby area	admin3	locality	site	lat	long	elevation	year	month	day	collector	label_host	stand_host	notes for database	
	1	Jacksonia papillata	Jacksonia papillata		New Zealand	MC	Mid Canterbury		Chirstchurch	-43.516490	172.640699		1961	10	9	Lowe, A.D.	trap			
	1	Liosomaphis berberidis	Liosomaphis berberidis	HRL	New Zealand	NN	Nelson		Nelson	-41.270786	173.284000		1950	3	16	Robertson, P.L.	barberry	Berberis		
	1	Liosomaphis berberidis	Liosomaphis berberidis		New Zealand	AK	Auckland		Patumahoe	-37.188381	174.826905		1960	1	12	Eastop, V.F.	Berberis	Berberis		
	1	Liosomaphis berberidis	Liosomaphis berberidis		New Zealand	AK	Auckland		Pukekohe	-37.200630	174.903626		1972	10	2	Eastop, V.F.	Berberis	Berberis		
	4	Liosomaphis berberidis	Liosomaphis berberidis		New Zealand	AK	Auckland	Auckland City	Auckland	-36.847385	174.765735		1983	10	31	Eastop, V.F.	Berberis aurea	Berberis aurea		
	1	Liosomaphis berberidis	Liosomaphis berberidis		New Zealand	DN	Dunedin		Dunedin	-45.875470	170.505744		1983	12	5	Eastop, V.F.	Berberis	Berberis		
	2	Lipaphis erysimi	Lipaphis pseudobrassicae		New Zealand	WI	Wanganui		Palmerston North	-40.355746	175.612190		1932			Cottier, W.	stock	Matthiola		
	1	Lipaphis erysimi	Lipaphis pseudobrassicae		New Zealand	AK	Auckland	Auckland City	Auckland	-36.847385	174.765735		1959	1	8	Eastop, V.F.	trap			
	1	Lipaphis erysimi	Lipaphis pseudobrassicae		New Zealand	AK	Auckland	Auckland City	Mount Albert	P.D.D	-36.890350	174.726326		1959	4	8	Eastop, V.F.	trap		
	1	Lipaphis erysimi	Lipaphis pseudobrassicae		New Zealand	AK	Auckland	Auckland City	Auckland	-36.847385	174.765735		1959	4	29	Eastop, V.F.	yellow trays			
	1	Lipaphis erysimi	Lipaphis pseudobrassicae		New Zealand								1959	11	18	Lamb, K.P.	trapped			
	1	Lipaphis erysimi	Lipaphis pseudobrassicae		New Zealand	MC	Mid Canterbury		Lincoln	-43.640326	172.483995		1959	11	25	Lamb, K.P.	trap			
	1	Lipaphis erysimi	Lipaphis pseudobrassicae		New Zealand								1959	12	1	Lamb, K.P.	trapped			
	2	Lipaphis erysimi	Lipaphis pseudobrassicae		New Zealand	MC	Mid Canterbury		Lincoln	-43.640326	172.483995		1960	2	24	Lamb, K.P.				
	1	Lipaphis erysimi	Lipaphis pseudobrassicae		New Zealand								1960	3	3	Lamb, K.P.	yellow trays			
	1	Lipaphis erysimi	Lipaphis pseudobrassicae		New Zealand	MC	Mid Canterbury		Chirstchurch	-43.516490	172.640699		1960	3	15	Lowe, A.D.	trap			
	1	Lipaphis erysimi	Lipaphis pseudobrassicae		New Zealand	MC	Mid Canterbury		Chirstchurch	-43.516490	172.640699		1960	3	16	Lowe, A.D.	trap			
	1	Lipaphis erysimi	Lipaphis pseudobrassicae		New Zealand	WO	Waikato		Hamilton	garden	-37.788263	175.283883		1972	9	27	Eastop, V.F.	Brassica	Brassica	
	8	Lipaphis erysimi	Lipaphis pseudobrassicae		New Zealand	AK	Auckland		Pukekohe	-37.200630	174.903626		1972	10	2	Eastop, V.F.	Brassica or Raphanus	Brassicaceae		
	1	Lipaphis erysimi	Lipaphis pseudobrassicae		New Zealand	MC	Mid Canterbury		Tinwald	-43.918492	171.723070		1983	12	13	Eastop, V.F.	Nasturtium officinale	Nasturtium officinale		
	4	Lipaphis erysimi	Lipaphis pseudobrassicae		New Zealand	AK	Auckland	Auckland City	Auckland	-36.847385	174.765735		1984	2	3	Sunde, R.G.	Raphanus maritimus	Raphanus maritimus		
	1	Macrosiphoniella sanborni	Macrosiphoniella sanborni		New Zealand	WI	Wanganui		Palmerston North	-40.355746	175.612190		1930			Cottier, W.	Chrysanthemum	Chrysanthemum		
	1	Macrosiphum ?euphorbiae	Macrosiphum		New Zealand	BR	Buller		Moana Kotuku	Lake Brunner	-42.567194	171.48228		1972	9	12	Eastop, V.F.			
	1	Macrosiphum	Macrosiphum		New Zealand	TO	Taupo		Taupo	Waipahihi	-38.710508	176.102435		1972	9	21	Eastop, V.F.			
	1	Macrosiphum hellebori?	Macrosiphum		New Zealand	MC	Mid Canterbury		Chirstchurch	-43.516490	172.640699		1983	12	12	Eastop, V.F.	Sisyrinchium striatum	Sisyrinchium striatum		
	1	Macrosiphum euphorbiae	Macrosiphum euphorbiae		New Zealand	WN	Wellington		Wellington	-41.28648	174.776217		1921	9	26	Myers, J.G.	Veronica	Veronica		
	1	Macrosiphum euphorbiae	Macrosiphum euphorbiae		New Zealand	HB	Hawkes Bay		Hastings	-39.643530	176.843195		1921	11	24	Meyers, J.G.	apple	Malus pumila		
	1	Macrosiphum euphorbiae	Macrosiphum euphorbiae		New Zealand	MC	Mid Canterbury		Chirstchurch	-43.516490	172.640699		1921	12	14	Gourlay, E.S.	Chrysobactron hookeri	Chrysobactron hookeri		
	1	Macrosiphum euphorbiae	Macrosiphum euphorbiae		New Zealand	MC	Mid Canterbury		Lincoln	-43.640326	172.483995		1922	11	8	Myers, J.G.	trapped			
	1	Macrosiphum euphorbiae	Macrosiphum euphorbiae		New Zealand	RI	Rangitikei		Ohakune	-39.418653	175.399641		1923	1		Harris				
	1	Macrosiphum euphorbiae	Macrosiphum euphorbiae		New Zealand	RI	Rangitikei		Ohakune	-39.418653	175.399641		1923	3						
		Macrosiphum euphorbiae	Macrosiphum euphorbiae		New Zealand	WN	Wellington		Wellington	-41.28648	174.776217		1923	7	27	Myers, J.G.	sowthistle under roses	Sonchus		
	4	Macrosiphum euphorbiae	Macrosiphum euphorbiae		New Zealand								1929			Muggeridge, J.	potato	Solanum tuberosum		
	1	Macrosiphum euphorbiae	Macrosiphum euphorbiae		New Zealand	WI	Wanganui		Palmerston North	-40.355746	175.612190		1931			Cottier, W.	asparagus	Asparagus officinalis		
	1	Macrosiphum euphorbiae	Macrosiphum euphorbiae		New Zealand	MC	Mid Canterbury		Chirstchurch	-43.516490	172.640699		1934	7	4	Helson, G.A.H.	strawberry	Fragaria		
	2	Macrosiphum euphorbiae	Macrosiphum euphorbiae	HRL	New Zealand	NN	Nelson		Riwaka	-41.076480	172.997403		1950	3		Robertson, P.L.	Humulus	Humulus		
	1	Macrosiphum euphorbiae	Macrosiphum euphorbiae		New Zealand	AK	Auckland	Auckland City	Auckland	-36.847385	174.765735		1959	5	29	Eastop, V.F.	yellow trays			
	1	Macrosiphum euphorbiae	Macrosiphum euphorbiae		New Zealand	MC	Mid Canterbury		Governors Bay	-43.624775	172.647364		1959	10	28	Lamb, K.P.	grasses	Poaceae		
	2	Macrosiphum euphorbiae	Macrosiphum euphorbiae		New Zealand								1959	11	18	Lamb, K.P.	trapped			
	1	Macrosiphum euphorbiae	Macrosiphum euphorbiae		New Zealand	MC	Mid Canterbury		Lincoln	-43.640326	172.483995		1959	11	25	Lamb, K.P.	trap			
	2	Macrosiphum euphorbiae	Macrosiphum euphorbiae		New Zealand	MC	Mid Canterbury		Chirstchurch	-43.516490	172.640699		1972	9	3	Eastop, V.F.	Capsella bursa-pastoris	Capsella bursa-pastoris		
	2	Macrosiphum euphorbiae	Macrosiphum euphorbiae		New Zealand	BR	Buller		Moana Kotuku	-42.567194	171.48228		1972	9	12	Eastop, V.F.	Hebe salicifolia	Hebe salicifolia		
	1	Macrosiphum euphorbiae	Macrosiphum euphorbiae		New Zealand	MC	Mid Canterbury		Chirstchurch	-43.516490	172.640699		1972	9	15	Eastop, V.F.	Solanum laciniatum	Solanum laciniatum		
	4	Macrosiphum euphorbiae	Macrosiphum euphorbiae		New Zealand	NN	Nelson		Nelson	-41.270786	173.284000		1972	9	16	Eastop, V.F.	?Senecio cinerea	Asteraceae		
		Macrosiphum euphorbiae	Macrosiphum euphorbiae		New Zealand	NN	Nelson		Nelson	-41.270786	173.284000		1972	9	16	Eastop, V.F.	lettuce	Lactuca		
	1	Macrosiphum euphorbiae	Macrosiphum euphorbiae		New Zealand	TO	Taupo		Taupo	Waipahihi Botanic Gardens	-38.710508	176.102435		1972	9	21	Eastop, V.F.	?Erigeron	Asteraceae	
	1	Macrosiphum euphorbiae	Macrosiphum euphorbiae		New Zealand	WO	Waikato		Rukuhia		-37.852259	175.305942		1972	9	27	Eastop, V.F.	Galium aparine	Galium aparine	
	1	Macrosiphum euphorbiae	Macrosiphum euphorbiae		New Zealand	AK	Auckland	Auckland City	Mount Albert		-36.884062	174.715550		1972	9	28	Eastop, V.F.	Erodium moschaliu	Erodium moschaliu	
	2	Macrosiphum euphorbiae	Macrosiphum euphorbiae		New Zealand	AK	Auckland	Auckland City	Glen Eden		-36.913033	174.644630		1972	10	1	Eastop, V.F.	Sonchus littoralis	Sonchus littoralis	
	2	Macrosiphum euphorbiae	Macrosiphum euphorbiae		New Zealand	TO	Taupo		Taupo	Waipahihi Botanic Gardens	-38.710508	176.102435		1972	10	21	Eastop, V.F.	Hebe	Hebe	

material	identification			location									date			collection	host		
slide count	label det	species	det. by	country	admin1 / Crosby area	admin2 / Crosby area	admin3	locality	site	lat	long	elevation	year	month	day	collector	label_host	stand_host	notes for database
5	Macrosiphum euphorbiae	Macrosiphum euphorbiae		New Zealand	TO	Taupo		Taupo	Waipahihi	-38.710508	176.102435		1972	10	21	Eastop, V.F.	Hebe stricta	Hebe stricta	
1	Macrosiphum euphorbiae	Macrosiphum euphorbiae		New Zealand	MC	Mid Canterbury		Chirstchurch		-43.516490	172.640699		1976	4	5	Lowe, A.D.	Zea mays	Zea mays	
1	Macrosiphum euphorbiae	Macrosiphum euphorbiae		New Zealand	MC	Mid Canterbury		Chirstchurch		-43.516490	172.640699		1976	11	25	Thomas, W	Cytisus scoparius	Cytisus scoparius	
1	Macrosiphum euphorbiae	Macrosiphum euphorbiae		New Zealand	BR	Buller		Lake Rotorua		-41.796136	172.597614		1979	2	16	Mound, L.A.	Hebe stricta flowers	Hebe stricta	
1	Macrosiphum euphorbiae	Macrosiphum euphorbiae		New Zealand	AK	Auckland	Manukau City	Manurewa		-37.021267	174.895898		1983	10	26	Eastop, V.F.	Dodonaea viscosa	Dodonaea viscosa	
1	Macrosiphum euphorbiae	Macrosiphum euphorbiae		New Zealand	AK	Auckland		Pukekohe		-37.200630	174.903626		1983	11	1	Eastop, V.F.	swept		
1	Macrosiphum euphorbiae	Macrosiphum euphorbiae		New Zealand	TO	Taupo		Taumarunui		-38.883033	175.262876		1983	11	15	Butcher, C.F.	Pawlonia tomentosa	Paulownia tomentosa	
2	Macrosiphum euphorbiae	Macrosiphum euphorbiae		New Zealand	DN	Dunedin		Dunedin	Botanic Gardens	-45.858887	170.524533		1983	12	5	Eastop, V.F.	Aquilegia	Aquilegia	
1	Macrosiphum euphorbiae	Macrosiphum euphorbiae		New Zealand	DN	Dunedin		Dunedin	Botanic Gardens	-45.858887	170.524533		1983	12	5	Eastop, V.F.	Epilobium	Epilobium	
1	Macrosiphum euphorbiae	Macrosiphum euphorbiae		New Zealand	DN	Dunedin		Dunedin		-45.875470	170.505744		1983	12	5	Eastop, V.F.	Hebe elliptica	Hebe elliptica	
2	Macrosiphum euphorbiae	Macrosiphum euphorbiae		New Zealand	DN	Dunedin		Dunedin		-45.875470	170.505744		1983	12	7	Eastop, V.F.	Azalea illium?	Rhododenrron	
2	Macrosiphum euphorbiae	Macrosiphum euphorbiae		New Zealand	DN	Dunedin		Dunedin		-45.875470	170.505744		1983	12	7	Eastop, V.F.	Iris	Iris	
1	Macrosiphum euphorbiae	Macrosiphum euphorbiae		New Zealand	MC	Mid Canterbury		Chirstchurch		-43.516490	172.640699		1983	12	11	Eastop, V.F.	Viburnum opulus	Viburnum opulus	
2	Macrosiphum euphorbiae	Macrosiphum euphorbiae		New Zealand	MC	Mid Canterbury	Ashburton	Tinwald		-43.918492	171.723070		1983	12	13	Eastop, V.F.	Rheum rhaponticum	Rheum rhaponticum	
1	Macrosiphum euphorbiae	Macrosiphum euphorbiae		New Zealand	SD	Marlborough		Picton	Shakespeare	-41.281010	173.998401		1983	12	15	Eastop, V.F.	swept		
1	Macrosiphum euphorbiae	Macrosiphum euphorbiae		New Zealand	SD	Marlborough		Picton	Shakespeare	-41.281010	173.998401		1983	12	15	Eastop, V.F.	swept		
1	Macrosiphum euphorbiae	Macrosiphum euphorbiae		New Zealand	SD	Marlborough		Picton	Esson's Valley	-41.301850	174.006131		1983	12	16	Eastop, V.F.	Cytisus scoparius	Cytisus scoparius	
1	Macrosiphum euphorbiae	Macrosiphum euphorbiae		New Zealand	SD	Marlborough		Picton	Esson's Valley	-41.301850	174.006131		1983	12	16	Eastop, V.F.			
1	Macrosiphum euphorbiae	Macrosiphum euphorbiae		New Zealand	BR	Buller		Lake Rotoiti		-41.801893	172.823317		1983	12	19	Eastop, V.F.			
1	Macrosiphum euphorbiae	Macrosiphum euphorbiae		New Zealand	SD	Marlborough		Tennyson Inlet		-41.094437	173.784001		1984	1	21	Jessop, C.T.	Thelymitra longifolia	Thelymitra longifolia	
1	Macrosiphum euphorbiae	Macrosiphum euphorbiae		New Zealand	SD	Marlborough		Tennyson Inlet		-41.094437	173.784001		1984	1	21	Jessop, C.T.	Thelymitra longifolia	Thelymitra longifolia	
1	Macrosiphum euphorbiae grp	Macrosiphum euphorbiae		New Zealand													apple	Malus pumila	
1	Macrosiphum euphorbiae grp	Macrosiphum euphorbiae		New Zealand													Polygonum	Polygonum	
1	Macrosiphum hellebori	Macrosiphum hellebori		New Zealand	MC	Mid Canterbury		Lincoln	Lincoln College	-43.643571	172.468122		1977	11	20	Budgeon, AL.A.	Helleborus niger	Helleborus niger	
3	Macrosiphum hellebori	Macrosiphum hellebori		New Zealand	MC	Mid Canterbury		Christchurch	Botanic Gardens	-43.530904	172.620515		1977	12	5	Budgeon, AL.A.	Helleborus	Helleborus	
1	Macrosiphum hellebori	Macrosiphum hellebori		New Zealand	MC	Mid Canterbury		Christchurch	Botanic Gardens	-43.530904	172.620515		1977	12	16	Budgeon, AL.A.	Helleborus	Helleborus	
1	Macrosiphum hellebori	Macrosiphum hellebori		New Zealand	MC	Mid Canterbury		Chirstchurch		-43.516490	172.640699		1977	12	16	Budgeon, AL.A.	Helleborus niger	Helleborus niger	
1	Macrosiphum hellebori	Macrosiphum hellebori		New Zealand	MC	Mid Canterbury		Chirstchurch		-43.516490	172.640699		1986	6	13	Farrell, J.	Helleborus foetidus	Helleborus foetidus	
1	Macrosiphum rosae	Macrosiphum rosae		New Zealand	WI	Wanganui		Aramoho		-39.898576	175.065106		1921	8	27	Myers, J.G.	rose	Rosa	
2	Macrosiphum rosae	Macrosiphum rosae		New Zealand	MC	Mid Canterbury		Purau		-43.638998	172.752926		1922	10	22	Campbell, J.W.	ti tree		
1	Macrosiphum rosae	Macrosiphum rosae		New Zealand	RI	Rangitikei		Ohakune		-39.418653	175.399641		1923	3		Harris, T.R.			
1	Macrosiphum rosae	Macrosiphum rosae		New Zealand	WI	Wanganui		Palmerston North		-40.355746	175.612190		1931			Cottier, W.	gooseberry	Ribes	
1	Macrosiphum rosae	Macrosiphum rosae		New Zealand	AK	Auckland	Auckland City	Mount Albert	P.D.D	-36.890350	174.726326		1959	4	15	Eastop, V.F.	yellow trays		
1	Macrosiphum rosae	Macrosiphum rosae		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1959	11	19	Eastop, V.F.	yellow trays		
1	Macrosiphum rosae	Macrosiphum rosae		New Zealand									1959	12	23	Lamb, K.P.	trapped		
1	Macrosiphum rosae	Macrosiphum rosae		New Zealand			Canterbury						1960	1	7	Lamb, K.P.			
1	Macrosiphum rosae	Macrosiphum rosae		New Zealand			Canterbury						1960	1	22	Lamb, K.P.			
1	Macrosiphum rosae	Macrosiphum rosae		New Zealand			Canterbury						1960	1	28	Lamb, K.P.			
1	Macrosiphum rosae	Macrosiphum rosae		New Zealand	MC	Mid Canterbury		Akaroa		-43.806031	172.966568		1969	12	9	Waller, S.	Dipsacus fulonum	Dipsacus fulonum	
1	Macrosiphum rosae	Macrosiphum rosae		New Zealand	NN	Nelson		Nelson		-41.270786	173.284000		1972	9	16	Eastop, V.F.	Rosa	Rosa	
1	Macrosiphum rosae	Macrosiphum rosae		New Zealand	WO	Waikato		Rukuhia		-37.852259	175.305942		1972	9	27	Eastop, V.F.	Rosa	Rosa	
3	Macrosiphum rosae	Macrosiphum rosae		New Zealand	WO	Waikato		Hamilton		-37.788263	175.283883		1972	9	28	Oliver, H.A.	Rose	Rosa	
2	Macrosiphum rosae	Macrosiphum rosae		New Zealand	AK	Auckland	Auckland City	Glen Eden		-36.913033	174.644630		1972	10	1	Eastop, V.F.	Rosa	Rosa	
1	Macrosiphum rosae	Macrosiphum rosae		New Zealand	DN	Dunedin		Dunedin	Botanic Gardens	-45.858887	170.524533		1983	12	5	Eastop, V.F.	Aquilegia	Aquilegia	
1	Macrosiphum rosae	Macrosiphum rosae		New Zealand	SD	Marlborough		Picton		-41.292877	174.005806		1983	12	15	Eastop, V.F.	Rosa canina	Rosa canina	
1	Macrosiphum rosae	Macrosiphum rosae		New Zealand	MB	Marlborough		Saint Arnaud		-41.804379	172.844332		1983	12	19	Eastop, V.F.	Rosa	Rosa	
1	Macrosiphum rosae	Macrosiphum rosae		New Zealand	BR	Buller		Lake Rotoiti		-41.801893	172.823317		1983	12	23	Eastop, V.F.	Rosa	Rosa	
1	Metopolophium dirhodum	Metopolophium dirhodum		New Zealand									1981	12	14	Sunde, R.	malaise trap		
1	Metopolophium dirhodum	Metopolophium dirhodum		New Zealand	MC	Mid Canterbury		Ashburton		-43.902496	171.749326		1983	12	13	Eastop, V.F.	Nasturtium officinale	Nasturtium officinale	
1	Metopolophium dirhodum	Metopolophium dirhodum		New Zealand	NN	Nelson		Canaan		-41.010191°	172.891034°		1983	12	22	Eastop, V.F.	swept		
1	Metopolophium dirhodum	Metopolophium dirhodum	J Farrell	New Zealand	MC	Mid Canterbury		Lincoln		-43.640326	172.483995		1988	7	1	Farrell, J.	barley	Hordeum vulgare	
1	Metopolophium festucae	Metopolophium festucae		New Zealand	MC	Mid Canterbury		Lincoln		-43.640326	172.483995		1983	5	7	Farrell, J.	suction trap		
5	Metopolophium festucae	Metopolophium festucae		New Zealand	AK	Auckland	Auckland City	Lynfield	Lynfield Agric.	-36.925582	174.724280		1986	6	23	Sunde, R.G.	swept over grass lawn	Poaceae	

material	identification			location									date			collection	host		
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2	Metopolophium festucae	Metopolophium festucae		New Zealand	MC	Mid Canterbury		Lincoln		-43.640326	172.483995		1997	1	29	Eastop, V.F.	culture, barley	Hordeum vulgare	
1	Metopolophium festucae	Metopolophium festucae	RG	New Zealand	AK	Auckland		Waiuku		-37.248031	174.731044		4986	6	5	Drenn, C.	ryegrass	Lolium	
3	Micromyzus nr katoi [1 also	Micromyzella filicis		New Zealand	AK	Auckland	Auckland City	Auckland	Auckland	-36.859158	174.775808		1983	10	25	Eastop, V.F.	staghorn fern	Platycerium	
2	Moritziella corticalis	Moritziella corticalis		New Zealand									1947	3	7	McPherson, M.	Quercus hodgkinsi	Quercus hodgkinsi	
2	Moritziella ?corticalis	Moritziella corticalis	VFE	New Zealand	WO	Waikato		Pukekawa		-37.344022	174.984326		1971	3	18	Sunde, R.G.	trap		
1	Moritziella corticalis	Moritziella corticalis	Stoetzel	New Zealand	AK	Auckland		Pukekohe		-37.200630	174.903626		1971	3	25	Sunde, R.G.	trap		
1		Moritziella corticalis		New Zealand	NN	Nelson		Nelson		-41.270786	173.284000					E.S.G.	oak	Quercus	
1	Myzocallis boernerii	Myzocallis boernerii		New Zealand	AK	Auckland	Auckland City	Mount Albert		-36.884062	174.715550		1983	11	11	Eastop, V.F.	Quercus suber?	Quercus	
15	Myzocallis carpini	Myzocallis carpini		New Zealand	MC	Mid Canterbury		Chirstchurch		-43.516490	172.640699		1968	3	27	Lowe, A.D.	Carpinus	Carpinus	
1	Myzocallis carpini	Myzocallis carpini		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1980	10	21	Sunde, R.G.	Ulmus	Ulmus	
2	Myzocallis carpini	Myzocallis carpini		New Zealand	DN	Dunedin		Dunedin		-45.875470	170.505744		1983	12	5	Eastop, V.F.	Carpinus betulae	Carpinus betulus	
1	Myzocallis castanicola	Myzocallis castanicola		New Zealand	MC	Mid Canterbury		Chirstchurch		-43.516490	172.640699		1921	11	19	Myers, J.G.	oak	Quercus	
1	Myzocallis castanicola	Myzocallis castanicola		New Zealand	HB	Hawkes Bay		Hastings		-39.643530	176.843195		1921	11	25	Myers, J.G.	oak	Quercus	
1	Myzocallis castanicola	Myzocallis castanicola		New Zealand	NN	Nelson		Nelson		-41.270786	173.284000		1922	10	17	Cottier, W.	oak	Quercus	
3	Myzocallis castanicola	Myzocallis castanicola		New Zealand	MC	Mid Canterbury		Christchurch		-43.516490	172.640699		1925	12		Tonnoir, A.	oak	Quercus	
1	Myzocallis castanicola	Myzocallis castanicola		New Zealand	WI	Wanganui		Palmerston North		-40.355746	175.612190		1937	4	10	Cottier, W.	oak	Quercus	
1	Myzocallis castanicola	Myzocallis castanicola		New Zealand	WI	Wanganui		Palmerston North		-40.355746	175.612190		1937	5	12	Cottier, W.	chestnut	Castanea	
1	Myzocallis castanicola	Myzocallis castanicola		New Zealand	AK	Auckland	Auckland City	Mount Albert	P.D.D	-36.890350	174.726326		1957	5	17	Lamb, K.P.	tray		
2	Myzocallis castanicola	Myzocallis castanicola		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1983	11	11	Eastop, V.F.	Castanea sativa	Castanea sativa	
2	Myzocallis castanicola	Myzocallis castanicola		New Zealand	DN	Dunedin		Dunedin		-45.875470	170.505744		1983	12	5	Eastop, V.F.	Castanea sativa	Castanea sativa	
1	Myzocallis coryli	Myzocallis coryli		New Zealand	WI	Wanganui		Palmerston North		-40.355746	175.612190		1931			Eastop, V.F.	ornamental plum	Prunus	
1	Myzocallis coryli	Myzocallis coryli		New Zealand	WI	Wanganui		Palmerston North		-40.355746	175.612190		1936	11	14	Cottier, W.	ornamental elm	Ulmus	
1	Myzocallis coryli	Myzocallis coryli		New Zealand	MC	Mid Canterbury		Lincoln		-43.640326	172.483995		1959	11	30	Eastop, V.F.	trap (yellow)		
1	Myzocallis coryli	Myzocallis coryli		New Zealand	SL	Southland	Gore	Dolomore Park		-46.060077	168.830373		1983	12	6	Eastop, V.F.	Prunus spinosa	Prunus spinosa	
1	Myzocallis coryli	Myzocallis coryli		New Zealand	SD	Marlborough Sounds		Picton	Esson's Valley	-41.301850	174.006131		1983	12	16	Eastop, V.F.	Corylus	Corylus	
1	Myzus ?persicae	Myzus		New Zealand	MC	Mid Canterbury		Chirstchurch		-43.516490	172.640699		1961	9	27	Lowe, A.D.	trap		
1	Myzus antirrhinii?	Myzus		New Zealand	TO	Taupo		Taupo	Waipahihi Botanic Gardens	-38.710508	176.102435		1972	9	21	Eastop, V.F.	Hebe stricta	Hebe stricta	
2	Myzus antirrhinii	Myzus antirrhinii		New Zealand	MC	Mid Canterbury		Chirstchurch		-43.516490	172.640699		1972	9	15	Eastop, V.F.	Solanum laciniatum	Solanum laciniatum	
3	Myzus antirrhinii	Myzus antirrhinii		New Zealand	AK	Auckland	Auckland City	Glen Eden		-36.913033	174.644630		1972	10	1	Eastop, V.F.	Solanum aviculare	Solanum aviculare	
1	Myzus ascalonicus	Myzus ascalonicus		New Zealand			Canterbury						1960	5	5	Lamb, K.P.	trap		
1	Myzus ascalonicus	Myzus ascalonicus		New Zealand	MC	Mid Canterbury		Chirstchurch		-43.516490	172.640699		1961	10	18	Lamb, K.P.	trap		
1	Myzus ascalonicus	Myzus ascalonicus		New Zealand	MC	Mid Canterbury		Chirstchurch		-43.516490	172.640699		1961	10	18	Lowe, A.D.	trap		
2	Myzus ascalonicus	Myzus ascalonicus		New Zealand	WN	Wellington		Levin	17 Queen St.	-40.621493	175.285703		1966	9	27	Pritchard, J.	carrot leaves	Daucus carota	
1	Myzus ascalonicus	Myzus ascalonicus		New Zealand	WN	Wellington		Levin	Queen St.	-40.621493	175.285703		1966	11	9	Pritchard, J.	chives	Allium schoenoprasum	
3	Myzus ascalonicus	Myzus ascalonicus		New Zealand	TO	Taupo		Whakamaru		-38.423545	175.806678		1972	9	26	Eastop, V.F.	Cerastium glomeratum	Cerastium glomeratum	
1	Myzus ascalonicus	Myzus ascalonicus		New Zealand	TO	Taupo		Whakamaru		-38.423545	175.806678		1972	9	26	Eastop, V.F.	Kniphofia	Kniphofia	
1	Myzus cerasi	Myzus cerasi		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1929			Cottier, W.			
1	Myzus cerasi	Myzus cerasi		New Zealand	WI	Wanganui		Palmerston North		-40.355746	175.612190		1936	12	19	Cottier, W.	Cardamine heterophylla	Cardamine heterophylla	
1	Myzus cerasi	Myzus cerasi		New Zealand	AK	Auckland	Auckland City	Mount Albert	P.D.D	-36.890350	174.726326		1959	9	16	Eastop, V.F.	yellow trays		
1	Myzus cerasi	Myzus cerasi		New Zealand	MC	Mid Canterbury		Lincoln		-43.640326	172.483995		1959	11	18	Lamb, K.P.	trap		
1	Myzus cerasi	Myzus cerasi		New Zealand	MC	Mid Canterbury		Chirstchurch		-43.516490	172.640699		1961	12	4	Lowe, A.D.	trap		
1	Myzus cerasi	Myzus cerasi		New Zealand			Canterbury						1962	12	3	White, E.G. via	3000' wind net		
1	Myzus cerasi	Myzus cerasi		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1970	10		Sunde, R.G.	sticky trap		
2	Myzus cerasi	Myzus cerasi		New Zealand	WO	Waikato		Rukuhia		-37.852259	175.305942		1972	9	27	Eastop, V.F.	Galium aparine	Galium aparine	
1	Myzus cerasi	Myzus cerasi		New Zealand	MC	Mid Canterbury		Lincoln		-43.640326	172.483995		1972	10	24		trap		
1	Myzus cerasi	Myzus cerasi		New Zealand	AK	Auckland		Wattle Bay		-37.048546	174.583163		1983	10	12	Eastop, V.F.	Festuca	Festuca	

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1	Myzus cerasi	Myzus cerasi		New Zealand	AK	Auckland		Wattle Bay		-37.048546	174.583163		1983	10	20	Eastop, V.F.	Festuca arundinacea	Festuca arundinacea	
1	Myzus cerasi	Myzus cerasi		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1983	10	31	Eastop, V.F.	Galium aparine	Galium aparine	
1	Myzus cerasi	Myzus cerasi		New Zealand	DN	Dunedin		Dunedin		-45.875470	170.505744		1983	12	7	Eastop, V.F.	Chrysanthemum	Chrysanthemum	
1	Myzus cerasi	Myzus cerasi		New Zealand	MC	Mid Canterbury	Ashburton	Tinwald		-43.918492	171.723070		1983	12	13	Eastop, V.F.	Nasturtium officinale	Nasturtium officinale	
1	Myzus cerasi	Myzus cerasi		New Zealand	MC	Mid Canterbury		Lincoln		-43.640326	172.483995		1987	1	13		suction trap		
1	Myzus cerasi	Myzus cerasi		New Zealand	MC	Mid Canterbury		Lincoln		-43.640326	172.483995		1997	2	7	Eastop, V.F.	Prunus ?cerasus	Prunus	
1	Myzus cymbalariae	Myzus cymbalariae		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1958	10	15	Eastop, V.F.	yellow trays		
1	Myzus cymbalariae	Myzus cymbalariae		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1959	9	2	Eastop, V.F.	yellow trays		
1	Myzus cymbalariae	Myzus cymbalariae		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1959	9	9	Eastop, V.F.	yellow trays		
1	Myzus cymbalariae	Myzus cymbalariae		New Zealand	AK	Auckland	Auckland City	Mount Albert	P.D.D	-36.890350	174.726326		1959	9	16	Eastop, V.F.	yellow trays		
2	Myzus cymbalariae	Myzus cymbalariae		New Zealand	MC	Mid Canterbury		Chirstchurch		-43.516490	172.640699		1964	6	22	Lowe, A.D.	onions in storage	Allium cepa	
1	Myzus cymbalariae	Myzus cymbalariae		New Zealand	CH	Chatham Islands	Chatham Island	Rotparaoa		-44.005752	-176.540067		1967	2	12	Walker, A.K.	mosses etc on sand dunes		
1	Myzus cymbalariae	Myzus cymbalariae		New Zealand	TO	Taupo		Whakamaru		-38.423545	175.806678		1972	9	26	Eastop, V.F.	?blue eye'		
3	Myzus cymbalariae	Myzus cymbalariae		New Zealand	AK	Auckland	Auckland City	Glen Eden		-36.913033	174.644630		1972	9	30	Eastop, V.F.	Silene sp.	Silene	
1	Myzus cymbalariae	Myzus cymbalariae		New Zealand	AK	Auckland		Pukekohe		-37.200630	174.903626		1972	10	2	Eastop, V.F.	?chamomile	Asteraceae	
1	Myzus cymbalariae	Myzus cymbalariae		New Zealand	AK	Auckland		Pukekohe		-37.200630	174.903626		1972	10	2	Eastop, V.F.	Chrysanthemum	Chrysanthemum	
1	Myzus cymbalariae	Myzus cymbalariae		New Zealand												Lowe, A.D.			
1	Myzus dianthicola	Myzus dianthicola		New Zealand	TO	Taupo		Whakamaru		-38.423545	175.806678		1972	9	26	Eastop, V.F.	Dianthus	Dianthus	
4	Myzus dianthicola	Myzus dianthicola		New Zealand	AK	Auckland	Auckland City	Pukekohe		-37.200630	174.903626		1972	11	7	Pollock, A.R.	Dianthus sp.	Dianthus	
1	Myzus ornatus	Myzus ornatus		New Zealand	AK	Auckland	Auckland City	Mount Albert	P.D.D	-36.890350	174.726326		1959	3	25	Eastop, V.F.	yellow trays		
1	Myzus ornatus	Myzus ornatus		New Zealand	AK	Auckland	Auckland City	Mount Albert	P.D.D	-36.890350	174.726326		1959	4	29	Eastop, V.F.	yellow trays		
1	Myzus ornatus	Myzus ornatus		New Zealand	MC	Mid Canterbury		Chirstchurch		-43.516490	172.640699		1961	6	26	Lowe, A.D.	trap		
1	Myzus ornatus	Myzus ornatus		New Zealand									1963	4	18	Lowe, A.D.			
1	Myzus ornatus	Myzus ornatus		New Zealand	MC	Mid Canterbury		Lincoln		-43.640326	172.483995		1963	5	13	Lowe, A.D.			
1	Myzus ornatus	Myzus ornatus		New Zealand	MC	Mid Canterbury		Chirstchurch		-43.516490	172.640699		1972	9	5	Eastop, V.F.	Rubia tinctorum	Rubia tinctorum	
1	Myzus ornatus	Myzus ornatus		New Zealand	NN	Nelson		Whangamo	Hills	-41.158770	173.529120		1972	9	17	Eastop, V.F.	Crepis or Leontodon	Cichorieae	
1	Myzus ornatus	Myzus ornatus		New Zealand	NN	Nelson		Whangamo	Hills	-41.158770	173.529120		1972	9	17	Eastop, V.F.	Senecio vulgaris	Senecio vulgaris	
1	Myzus ornatus	Myzus ornatus		New Zealand	NN	Nelson		Whangamo	Hills	-41.158770	173.529120		1972	9	17	Eastop, V.F.	Veronica/Hebe		
1	Myzus ornatus	Myzus ornatus		New Zealand	TO	Taupo		Whakamaru		-38.423545	175.806678		1972	9	26	Eastop, V.F.	Kniphofia	Kniphofia	
1	Myzus ornatus	Myzus ornatus		New Zealand	AK	Auckland	Auckland City	Mount Albert		-36.884062	174.715550		1972	9	28	Eastop, V.F.	Cryptostemma calenduloides	Cryptostemma calenduloides	
1	Myzus ornatus	Myzus ornatus		New Zealand	AK	Auckland	Auckland City	Mount Albert		-36.884062	174.715550		1972	9	28	Eastop, V.F.	Duchesnea indica	Duchesnea indica	
1	Myzus ornatus	Myzus ornatus		New Zealand	AK	Auckland	Auckland City	Mount Albert		-36.884062	174.715550		1972	9	28	Eastop, V.F.	Erodium moschali	Erodium moschali	
1	Myzus ornatus	Myzus ornatus		New Zealand	WO	Waikato		Hamilton	Dinsdale Rd	-37.793486	175.241183		1972	9	28	Oliver, H.A.	Fuchsia	Fuchsia	
4	Myzus ornatus	Myzus ornatus		New Zealand	AK	Auckland	Auckland City	Mount Albert		-36.884062	174.715550		1972	9	28	Eastop, V.F.	Polygonum aviculare	Polygonum aviculare	
1	Myzus ornatus	Myzus ornatus		New Zealand	AK	Auckland	Auckland City	Mount Albert		-36.884062	174.715550		1972	9	28	Eastop, V.F.	Polygonum aviculare	Polygonum aviculare	
1	Myzus ornatus	Myzus ornatus		New Zealand	AK	Auckland	Auckland City	Mount Albert		-36.884062	174.715550		1972	9	28	Eastop, V.F.	Tecomanthe speciosa	Tecomanthe speciosa	
2	Myzus ornatus	Myzus ornatus		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1972	9	28	Eastop, V.F.	Trifolium	Trifolium	
1	Myzus ornatus	Myzus ornatus		New Zealand	AK	Auckland		Waimauku		-36.768620	174.493469		1972	9	29	Eastop, V.F.	Mentha	Mentha	
1	Myzus ornatus	Myzus ornatus		New Zealand	AK	Auckland	Auckland City	Glen Eden		-36.913033	174.644630		1972	10	1	Eastop, V.F.	Mentha pulegium	Mentha pulegium	
4	Myzus ornatus	Myzus ornatus		New Zealand	AK	Auckland	Auckland City	Glen Eden		-36.913033	174.644630		1972	10	1	Eastop, V.F.	Raphanus maritimus	Raphanus maritimus	
1	Myzus ornatus	Myzus ornatus		New Zealand	AK	Auckland		Pukekohe		-37.200630	174.903626		1972	10	2	Eastop, V.F.	Polygonum aviculare	Polygonum aviculare	
3	Myzus ornatus	Myzus ornatus		New Zealand	TO	Taupo		Taupo	Waipahihi	-38.710508	176.102435		1972	10	21	Eastop, V.F.	?Erigeron	Asteraceae	
1	Myzus ornatus	Myzus ornatus		New Zealand	TO	Taupo		Taupo	Waipahihi	-38.710508	176.102435		1972	10	21	Eastop, V.F.	Senecio vulgaris	Senecio vulgaris	
1	Myzus ornatus	Myzus ornatus		New Zealand	AK	Auckland	Manukau City	Manurewa		-37.021267	174.895898		1983	10	26	Eastop, V.F.	Coprosma	Coprosma	
1	Myzus ornatus	Myzus ornatus		New Zealand	AK	Auckland	Manukau City	Manurewa		-37.021267	174.895898		1983	10	26	Eastop, V.F.	Dodonaea viscosa	Dodonaea viscosa	
1	Myzus ornatus	Myzus ornatus		New Zealand	MC	Mid Canterbury	Ashburton	Tinwald		-43.918492	171.723070		1983	12	13	Eastop, V.F.	Nasturtium officinale	Nasturtium officinale	

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1	Myzus ornatus	Myzus ornatus		New Zealand					Rotoiti-Blenheim Rd. at Stoney				1983	12	24	Eastop, V.F.			
1	Myzus ornatus	Myzus ornatus		New Zealand				Mount Arnaud					1983	12	25	Eastop, V.F.	beating tussocks above Erse line		
1	Myzus persicae	Myzus persicae		New Zealand	WN	Wellington		Wellington		-41.28648	174.776217		1921	9	20	Myers, J.G.	Lepidium	Lepidium	
1	Myzus persicae	Myzus persicae		New Zealand	MC	Mid Canterbury		Chirstchurch		-43.516490	172.640699		1921	12	14	Gourlay, E.S.	Chrysobactron hookeri	Chrysobactron hookeri	
1	Myzus persicae	Myzus persicae		New Zealand	MC	Mid Canterbury		Governors Bay		-43.624775	172.647364		1922	11	7	Myers, J.G.	peach (curling foliage)	Prunus persica	
1	Myzus persicae	Myzus persicae		New Zealand	RI	Rangitikei		Ohakune		-39.418653	175.399641		1923	3		Harris, T.R.			
2	Myzus persicae	Myzus persicae		New Zealand									1929			Muggeridge, J.	potato	Solanum tuberosum	
1	Myzus persicae	Myzus persicae		New Zealand	CO	Central Otago		Alexandra		-45.251666	169.388507		1931			Cottier, W.	peaches	Prunus persica	
1	Myzus persicae	Myzus persicae		New Zealand	MC	Mid Canterbury		Chirstchurch		-43.516490	172.640699		1934	7	4	Helson, G.A.H.	strawberry	Fragaria	
1	Myzus persicae	Myzus persicae	HRL	New Zealand	NN	Nelson		Riwaka		-41.076480	172.997403		1950	3		Robertson, P.L.	Datura stramonium	Datura stramonium	
1	Myzus persicae	Myzus persicae		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1959	1	8	Eastop, V.F.			
1	Myzus persicae	Myzus persicae		New Zealand	AK	Auckland	Auckland City	Mount Albert	P.D.D	-36.890350	174.726326		1959	8	12	Eastop, V.F.	yellow trays		
1	Myzus persicae	Myzus persicae		New Zealand									1959	11	18	Lamb, K.P.	trapped		
1	Myzus persicae	Myzus persicae		New Zealand	MC	Mid Canterbury		Lincoln		-43.640326	172.483995		1959	11	18	Lamb, K.P.			
1	Myzus persicae	Myzus persicae		New Zealand	MC	Mid Canterbury		Lincoln		-43.640326	172.483995		1959	11	25	Lamb, K.P.	trap		
1	Myzus persicae	Myzus persicae		New Zealand	MC	Mid Canterbury		Lincoln		-43.640326	172.483995		1959	11	26	Eastop, V.F.	yellow trap		
1	Myzus persicae	Myzus persicae		New Zealand									1959	12	1	Lamb, K.P.	trapped		
1	Myzus persicae	Myzus persicae		New Zealand									1959	12	18	Lamb, K.P.	trapped		
1	Myzus persicae	Myzus persicae		New Zealand	MC	Mid Canterbury		Lincoln		-43.640326	172.483995		1960	2	10	Lamb, K.P.			
1	Myzus persicae	Myzus persicae		New Zealand	MC	Mid Canterbury		Lincoln		-43.640326	172.483995		1960	2	17	Lamb, K.P.			
3	Myzus persicae	Myzus persicae		New Zealand									1960	3	3	Lamb, K.P.	yellow trays		
4	Myzus persicae	Myzus persicae		New Zealand									1960	3	10	Lamb, K.P.	yellow trays		
4	Myzus persicae	Myzus persicae		New Zealand									1960	3	16	Lamb, K.P.	yellow trays		
1	Myzus persicae	Myzus persicae		New Zealand									1960	3	23	Lamb, K.P.	yellow trays		
10	Myzus persicae	Myzus persicae		New Zealand									1960	3	29	Lamb, K.P.	yellow trays		
2	Myzus persicae	Myzus persicae		New Zealand	MC	Mid Canterbury		Lincoln		-43.640326	172.483995		1960	3	29	Lamb, K.P.			
8	Myzus persicae	Myzus persicae		New Zealand									1960	4	5	Lamb, K.P.	yellow trays		
1	Myzus persicae	Myzus persicae		New Zealand									1960	4	6	Lamb, K.P.	yellow trays		
1	Myzus persicae	Myzus persicae		New Zealand									1960	4	12	Lamb, K.P.	yellow trays		
4	Myzus persicae	Myzus persicae		New Zealand									1960	4	20	Lamb, K.P.	yellow trays		
1	Myzus persicae	Myzus persicae		New Zealand	MC	Mid Canterbury		Chirstchurch		-43.516490	172.640699		1972	9	9	Eastop, V.F.	Chamomile?	Asteraceae	
4	Myzus persicae	Myzus persicae		New Zealand	MC	Mid Canterbury		Chirstchurch		-43.516490	172.640699		1972	9	15	Eastop, V.F.	brussels sprouts	Brassica oleraceae	
2	Myzus persicae	Myzus persicae		New Zealand	MC	Mid Canterbury		Chirstchurch		-43.516490	172.640699		1972	9	15	Eastop, V.F.	Solanum laciniatum	Solanum laciniatum	
1	Myzus persicae	Myzus persicae		New Zealand	NN	Nelson		Nelson		-41.270786	173.284000		1972	9	16	Eastop, V.F.	Rosa sp.	Rosa	
1	Myzus persicae	Myzus persicae		New Zealand	AK	Auckland	Auckland City	Glen Eden		-36.913033	174.644630		1972	10	1	Eastop, V.F.	Raphanus maritimus	Raphanus maritimus	
4	Myzus persicae	Myzus persicae		New Zealand	AK	Auckland	Auckland City	Mount Albert		-36.884062	174.715550		1975	10	17	Lawton, B.	silver beet	Beta vulgaris	
2	Myzus nicotianae	Myzus persicae		New Zealand	AK	Auckland	Auckland City	Mount Albert		-36.884062	174.715550		1975	10	17	Lawton, B.	tabacco	Nicotiana tabacum	
1	Myzus persicae	Myzus persicae		New Zealand	AK	Auckland	Auckland City	Mount Albert	glasshouse	-36.884062	174.715550		1977	5	2	Sunde, R.G.	Pyrus malus	Malus pumila	
8	Myzus persicae	Myzus persicae		New Zealand	AK	Auckland		Runciman	property of K.	-37.115932	174.942878		1977	12	13		carnation (buds)	Dianthus caryophyllus	
1	Myzus persicae	Myzus persicae		New Zealand	AK	Auckland	Auckland City	Henderson	Donovan	-36.881826	174.631222		1977	12	13		carnations	Dianthus caryophyllus	
1	Myzus persicae	Myzus persicae		New Zealand	AK	Auckland	Auckland City	Auckland	Lincoln	-36.851146	174.630832		1977	12	13		carnations	Dianthus caryophyllus	
6	Myzus persicae	Myzus persicae		New Zealand	AK	Auckland	Auckland City	Massey	van Wier	-36.834121	174.618372		1977	12	13		carnations	Dianthus caryophyllus	
6	Myzus persicae	Myzus persicae		New Zealand	AK	Auckland	Waitakere City	Massey	Grovan property,	-36.834121	174.618372		1977	12	13		carnations	Dianthus caryophyllus	
1	Myzus persicae	Myzus persicae		New Zealand					interception in				1979	11			Aphelandra dania	Aphelandra dania	
1	Myzus persicae	Myzus persicae		New Zealand	CO	Central Otago		Alexandra		-45.251666	169.388507		1982	4	29	Mound, L.A.	Prunus persica	Prunus persica	
2	Myzus persicae	Myzus persicae		New Zealand	AK	Auckland		Whenuapai		-36.780557	174.636296		1982	9	30	Baker, R.T.	Bougainvillea	Bougainvillea	
2	Myzus persicae	Myzus persicae		New Zealand	AK	Auckland	Auckland City	Mount Albert	D.S.I.R.	-36.890350	174.726326		1983	10	18	Eastop, V.F.	Raphanus maritimus	Raphanus maritimus	
4	Myzus persicae	Myzus persicae		New Zealand	AK	Auckland	Manukau City	Manurewa		-37.021267	174.895898		1983	10	26	Eastop, V.F.	Coprosma	Coprosma	
2	Myzus persicae	Myzus persicae		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1983	10	31	Eastop, V.F.	Linaria cymbalaria	Linaria cymbalaria	
2	Myzus persicae	Myzus persicae		New Zealand	WO	Waikato		Ruakura		-37.775663	175.307854		1983	11	9	Eastop, V.F.	Notana humisfera	Notana humisfera	
1	Myzus persicae	Myzus persicae		New Zealand	AK	Auckland		Bombay		-37.186767	174.991418		1983	11	13	Eastop, V.F.	Dianthus caryophyllus	Dianthus caryophyllus	
5	Myzus persicae	Myzus persicae		New Zealand				Ararema					1983	11	18	Eastop, V.F.	Dianthus caryophyllus	Dianthus caryophyllus	
1	Myzus persicae	Myzus persicae		New Zealand	AK	Auckland	Auckland City	Auckland	glasshouse	-36.847385	174.765735		1983	11	25	Eastop, V.F.	Syngonium podophyllum	Syngonium podophyllum	
1	Myzus persicae	Myzus persicae		New Zealand	DN	Dunedin		Dunedin		-45.875470	170.505744		1983	12	7	Eastop, V.F.	Azalea	Rhododenron	

material	identification			location									date			collection	host		
slide count	label det	species	det_by	country	admin1 / Crosby area	admin2 / Crosby area	admin3	locality	site	lat	long	elevation	year	month	day	collector	label_host	stand_host	notes for database
	1	Myzus persicae		New Zealand	MC	Mid Canterbury		Chirstchurch		-43.516490	172.640699		1983	12	8	Eastop, V.F.	Neopanax	Neopanax	
	1	Myzus persicae		New Zealand	MC	Mid Canterbury		Lincoln	Lincoln College	-43.643571	172.468122		1983	12	12	Eastop, V.F.	Artemisia	Artemisia	
	2	Myzus persicae		New Zealand	MC	Mid Canterbury		Lincoln	Lincoln College	-43.643571	172.468122		1983	12	12	Eastop, V.F.	Scandia rosaefolia	Scandia rosaefolia	
	1	Myzus persicae		New Zealand	MC	Mid Canterbury	Ashburton	Tinwald		-43.918492	171.723070		1983	12	13	Eastop, V.F.	Rheum rhaponticum	Rheum rhaponticum	
	2	Myzus persicae		New Zealand	AK	Auckland	Auckland City	Glen Eden		-36.913033	174.644630		1984	1	9	Eastop, V.F.	Colocasia antiquorum	Colocasia esculentum	
	1	Aulacorthum circumflexum		New Zealand	NN	Nelson		Nelson		-41.270786	173.284000		1924	12	9	Cottier, W.	Cyclamen	Cyclamen	
	1	Neomyzus circumflexus		New Zealand	WI	Wanganui		Palmerston North		-40.355746	175.612190		1930			Tetley, J.H.	arum lily	Zantedeschia	
	2	Aulacorthum (Neomyzus)		New Zealand	NN	Nelson		Nelson		-41.270786	173.284000		1950	10	30	Dumbleton, L.J.	Fuchsia excorticata & Hebe		
	2	Neomyzus circumflexus		New Zealand	WO	Waikato		Rukuhia		-37.852259	175.305942		1972	9	27	Eastop, V.F.	Rosa	Rosa	
	2	Neomyzus circumflexus		New Zealand				Taihaka					1983	1	28	Cox, J.M.	Schefflera digitata	Schefflera digitata	
	1	Neomyzus circumflexus		New Zealand	AK	Auckland	Auckland City	Mount Albert	D.S.I.R.	-36.890350	174.726326		1983	10	21	Eastop, V.F.	fern	Pteridophyta	
	1	Aulacorthum (Neomyzus) circumflexum		New Zealand				Wailuni Saddle					1983	11	16	Butcher, C.F.	Aristotelia serrata	Aristotelia serrata	
	1	Aulacorthum (Neomyzus)		New Zealand				Wailuni Saddle					1983	11	16	Butcher, C.F.	Fuchsia	Fuchsia	
	1	Aulacorthum (Neomyzus)		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1983	12	7	Eastop, V.F.	Lolium perenne	Lolium perenne	
	2	Aulacorthum (Neomyzus) circumflexum		New Zealand	MC	Mid Canterbury		Lincoln		-43.640326	172.483995		1999	11		Bulman, Simon	Cyclamen	Cyclamen	
	3	Neomyzus circumflexus		New Zealand	MC	Mid Canterbury		Christchurch	Botanic Gardens	-43.530904	172.620515						ex (Plagianthus?) ex culture		
	1	Neophyllaphis		New Zealand				Waitakerio					1983	11	5	Eastop, V.F.	Podocarpus halli	Podocarpus hallii	native aphid
	2	Neophyllaphis		New Zealand	MC	Mid Canterbury		Christchurch		-43.516490	172.640699		1999	1	13	Teulon, D.	Podocarpus lab culture	Podocarpus	native aphid, lab colony
	3	Neophyllaphis totarae	M.C.	New Zealand	WD*	Westland*		Arthurs Pass					1972	2	4	White, D.F.	Podocarpus nivalis ?subsp	Podocarpus nivalis	native aphid
	1	Neophyllaphis totarae		New Zealand	NN	Nelson		Nelson		-41.270786	173.284000		1930	4	1	Dumbleton, L.J.			native aphid
	1	Neophyllaphis totarae		New Zealand	WI	Wanganui		Palmerston North		-40.355745	175.612190	34	1931	11	1	Cottier, W.	totara	Podocarpus totara	native aphid, paratype
	2	Neophyllaphis totarae		New Zealand	WI	Wanganui		Palmerston North		-40.355745	175.612190	34	1931	11	1	Cottier, W.	totara	Podocarpus totara	native aphid
	2	Neophyllaphis totarae		New Zealand	WI	Wanganui		Palmerston North		-40.355745	175.61219	34	1937	11	14	Cottier, W.	totara	Podocarpus totara	native aphid, paratype
	1	Neophyllaphis totarae		New Zealand	WI	Wanganui		Palmerston North		-40.355745	175.612190	34	1937	11	16	Cottier, W.	totara	Podocarpus totara	native aphid, paratype
	2	Neophyllaphis totarae	M.C.	New Zealand	WD	Westland		Fox Glacier		-43.447226	169.969024	93	1972	2	9	White, D.F.	Podocarpus hallii	Podocarpus hallii	native aphid
	1	Neophyllaphis totarae	M.C.	New Zealand	WD	Westland		Fox Glacier		-43.447226	169.969024	93	1972	2	9	White, D.F.	Podocarpus hallii or totara	Podocarpus	native aphid
	1	Neophyllaphis totarae	M.C.	New Zealand	WD	Westland		Lake Mapourika		-43.297101	170.223706	35	1972	2	9	White, D.F.	Podocarpus totara	Podocarpus totara	native aphid
	1	Neophyllaphis totarae		New Zealand	NN	Nelson		Nelson		-41.270786	173.284000		1972	9	18	Sutherland,	Podocarpus totara	Podocarpus totara	native aphid
	3	Neophyllaphis totarae		New Zealand	TO	Taupo		Taupo	Waipahihi	-38.710508	176.102435		1972	9	21	Eastop, V.F.	Podocarpus ?acutifolius	Podocarpus	native aphid
	1	Neophyllaphis totarae		New Zealand	BP	Bay of Plenty		Rotorua		-38.139828	176.247076	290	1972	9	22	Eastop, V.F.	Podocarpus hallii	Podocarpus hallii	native aphid
	6	Neophyllaphis totarae	VFE	New Zealand	BP	Bay of Plenty		Rotorua	F.R.I.	-38.160179	176.267411	300	1972	9	26	Eastop, V.F.	Podocarpus ?totara	Podocarpus	native aphid
	2	Neophyllaphis totarae		New Zealand	WO	Waikato		Ruakura		-37.775663	175.307854	40	1972	9	27	Eastop, V.F.	Podocarpus totara	Podocarpus totara	native aphid
	2	Neophyllaphis totarae		New Zealand	AK	Auckland		Kauri Valley				183	1983	10	14	Eastop, V.F.	Podocarpus totara	Podocarpus totara	native aphid
	3	Neophyllaphis totarae		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1983	10	25	Eastop, V.F.	Podocarpus totara	Podocarpus totara	native aphid
	2	Neophyllaphis totarae		New Zealand	AK	Auckland	Manukau City	Manurewa		-37.013795	174.907845	61	1983	10	25	Eastop, V.F.	Podocarpus totara	Podocarpus totara	native aphid
	1	Neophyllaphis totarae		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1983	10	31	Eastop, V.F.	Galium (vagrant)	Galium	native aphid
	1	Neophyllaphis totarae		New Zealand	AK	Auckland		Waitakere		-36.851252	174.543633	64	1983	11	5	Eastop, V.F.	Podocarpus hallii	Podocarpus hallii	native aphid
	2	Neophyllaphis totarae		New Zealand	AK	Auckland	Auckland City	Auckland	Kauri Park			183	1983	11	8	Eastop, V.F.	Podocarpus totara	Podocarpus totara	native aphid
	1	Neophyllaphis totarae f waihoensis		New Zealand	WD	Westland		Franz Joseph Glacier					1997	2	26		Podocarpus totara	Podocarpus totara	native aphid
	5	Neophyllaphis totarae		New Zealand	MC	Mid Canterbury		Lincoln	lab culture	-43.640512	172.475017		1997	2		Stufkens, M.W.	Podocarpus totara	Podocarpus totara	native aphid, lab colony
	1	Neophyllaphis totarae		New Zealand									1998	2	4				native aphid
	1	Neophyllaphis totarae		New Zealand	WD	Westland		Lake Kaniere		-42.808009	171.155623	141	1920?			Gourlay, E.S.	Podocarpus totara	Podocarpus totara	native aphid
	2	Neotoxoptera formosana		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1965	8	6	Close, R.C.	onions in store	Allium cepa	
	1	Neotoxoptera formosana		New Zealand	AK	Auckland		Pukekohe		-37.200630	174.903626		1983	11	18	Eastop, V.F.	onions in storage	Allium cepa	
	4	Neotoxoptera formosana		New Zealand	AK	Auckland		Pukekohe		-37.200630	174.903626		1983	11	18	Eastop, V.F.	onions in storage	Allium cepa	
	1	Neotoxoptera oliveri		New Zealand	AK	Auckland	Auckland City	Mount Albert	P.D.D	-36.890350	174.726326		1958	6	28	Lamb, K.P.	yellow trays		
	1	Neotoxoptera oliveri		New Zealand	AK	Auckland	Auckland City	Mount Albert	P.D.D	-36.890350	174.726326		1958	9	3	Lamb, K.P.	yellow trays		
	1	Neotoxoptera oliveri		New Zealand	AK	Auckland	Auckland City	Mount Albert	P.D.D	-36.890350	174.726326		1959	7	1	Eastop, V.F.	yellow trays		
	1	Neotoxoptera oliveri		New Zealand	AK	Auckland	Auckland City	Mount Albert	P.D.D	-36.890350	174.726326		1959	7	29	Eastop, V.F.	yellow trays		
	1	Neotoxoptera oliveri		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1959	10	8	Eastop, V.F.	yellow trays		
	1	Neotoxoptera oliveri		New Zealand	AK	Auckland	Auckland City	Mount Albert		-36.884062	174.715550		1983	10	25	Herbert, P.	Allium schoenoprasum	Allium schoenoprasum	
	1	Ovatus crataegarius		New Zealand	RI	Rangitikei		Ohakune		-39.418653	175.399641		1923	3			sweeping		

material	identification			location									date			collection	host		
slide count	label det	species	det. by	country	admin1 / Crosby area	admin2 / Crosby area	admin3	locality	site	lat	long	elevation	year	month	day	collector	label_host	stand_host	notes for database
1	Ovatus crataegarius	Ovatus crataegarius		New Zealand	MC	Mid Canterbury		Ashburton		-43.902496	171.749326		1929			Cottier, W.	Mentha viridis	Mentha viridis	
1	Ovatus crataegarius	Ovatus crataegarius		New Zealand	WI	Wanganui		Palmerston North		-40.355746	175.612190		1931			Cottier, W.	apple	Malus pumila	
1	Ovatus menthae	Ovatus crataegarius		New Zealand	NN	Nelson		Motueka		-41.110107	173.011121		1934	11		Fry, C.	tobacco	Nicotiana tabacum	
1	Ovatus crataegarius	Ovatus crataegarius		New Zealand	WI	Wanganui		Palmerston North		-40.355746	175.612190		1936	12	14	Cottier, W.	hawthorn	Crataegus	
2	Ovatus crataegarius	Ovatus crataegarius		New Zealand	AK	Auckland	Auckland City	Mount Albert	P.D.D	-36.890350	174.726326		1959	3	25	Eastop, V.F.	yellow trays		
1	Ovatus crataegarius	Ovatus crataegarius		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1960	11	14	Lamb, K.P.	sticky trap		
1	Ovatus crataegarius	Ovatus crataegarius		New Zealand	AK	Auckland	Auckland City	Mount Albert	P.D.D	-36.890350	174.726326		1961	1	2	Lamb, K.P.	sticky trap		
3	Ovatus crataegarius	Ovatus crataegarius		New Zealand									1963	4	11	Lowe, A.D.			
5	Ovatus crataegarius	Ovatus crataegarius		New Zealand	AK	Auckland		Waimauku		-36.768620	174.493469		1972	9	29	Eastop, V.F.	Mentha	Mentha	
1	Ovatus crataegarius	Ovatus crataegarius		New Zealand	AK	Auckland	Auckland City	Glen Eden		-36.913033	174.644630		1972	10	1	Eastop, V.F.	Mentha puleginum	Mentha puleginum	
4	Ovatus crataegarius	Ovatus crataegarius		New Zealand	DN	Dunedin		Dunedin	Botanic Gardens	-45.858887	170.524533		1983	12	5	Eastop, V.F.	Crataegus oxycantha?	Crataegus	
1	Ovatus crataegarius	Ovatus crataegarius		New Zealand	DN	Dunedin		Dunedin		-45.875470	170.505744		1983	12	5	Eastop, V.F.	Crataegus stipulacea	Crataegus stipulacea	
1	Ovatus crataegarius	Ovatus crataegarius		New Zealand	RI	Rangitikei		Ohakune		-39.418653	175.399641					Harris, T.H.	sweeping		
1	Paradoxaphis aristoteliae	Paradoxaphis aristoteliae		New Zealand	SL	Southland		Gore		-46.060077	168.830373	207m	1983	1	12	Butel, J.	Aristotelia serrata	Aristotelia serrata	native aphid, paratype
7	Paradoxaphis aristoteliae	Paradoxaphis aristoteliae		New Zealand	BR	Buller		Lake Rotoroa		-41.796136	172.597614	447m	1983	12	29	Eastop, V.F.	Aristotelia serrata	Aristotelia serrata	native aphid
4	Paradoxaphis aristoteliae	Paradoxaphis aristoteliae		New Zealand	BR	Buller		Lake Rotoroa		-41.796136	172.597614	447m	1983	12	29	Eastop, V.F.	Aristotelia serrata	Aristotelia serrata	native aphid
3	Paradoxaphis aristoteliae	Paradoxaphis aristoteliae		New Zealand	BR	Buller		Lake Rotoroa		-41.796136	172.597614	447m	1983	12	29	Walker, A./Eastop, V.F.	Aristotelia serrata	Aristotelia serrata	native aphid, paratypes
2	Paradoxaphis aristoteliae	Paradoxaphis aristoteliae		New Zealand	SL	Southland		Hokonui Hills		-46.060077	168.830373	207m	1998	2	27	Stufkens, M.?	Aristotelia serrata	Aristotelia serrata	native aphid
1	Paradoxaphis aristoteliae	Paradoxaphis aristoteliae		New Zealand	SL	Southland	Gore	Dolomore Park		-46.060077	168.830373	207m	1999	3	3	Stufkens, M.	Aristotelia serrata	Aristotelia serrata	native aphid
3	Paradoxaphis aristoteliae	Paradoxaphis aristoteliae		New Zealand	MC	Mid Canterbury		Christchurch	lab culture	-43.640512	172.475017		1999	4	12	Teulon, D.	Aristotelia serrata*	Aristotelia serrata*	native aphid, lab colony
1	Paradoxaphis plagianthi	Paradoxaphis plagianthi		New Zealand	MC	Mid Canterbury		Chirstchurch		-43.516490	172.640699		1972	9	14	Eastop, V.F.	Plagianthus	Plagianthus	native aphid
1	Paradoxaphis plagianthi	Paradoxaphis plagianthi		New Zealand	MC	Mid Canterbury		Christchurch	Botanic Gardens	-43.530904	172.620515		1997	1	30		Plagianthus betulinus=regius	Plagianthus regius	native aphid
3	Paradoxaphis plagianthi	Paradoxaphis plagianthi		New Zealand	MC	Mid Canterbury		Christchurch		-43.516490	172.640699		1997	2			Plagianthus regius culture	Plagianthus regius	native aphid
1	Paradoxaphis plagianthi	Paradoxaphis plagianthi		New Zealand	MC	Mid Canterbury		Christchurch	culture at Lincoln	-43.640512	172.475017		1997	11	28	Stufkens, M.	Plagianthus regius ribbonwood	Plagianthus regius	native aphid, lab colony,
8	Paradoxaphis plagianthi	Paradoxaphis plagianthi		New Zealand	MC	Mid Canterbury		Christchurch	lab culture	-43.640512	172.475017		1999	2	10	Teulon, D.	Plagianthus	Plagianthus	native aphid, lab colony
1	Paradoxaphis plagianthi	Paradoxaphis plagianthi		New Zealand	MC	Mid Canterbury		Christchurch	Botanic Gardens	-43.530904	172.620515	4m	1999	3	25		Plagianthus regius (=betulinus)	Plagianthus regius	native aphid, same sample
1	Paradoxaphis plagianthi	Paradoxaphis plagianthi		New Zealand	MC	Mid Canterbury		Christchurch	Botanic	-43.530904	172.620515						Plagianthus	Plagianthus	native aphid
1	Pemphigus ?betae	Pemphigus		New Zealand									1919			Cottier, W.			
1	Pemphigus ?bursarius	Pemphigus		New Zealand	WI	Wanganui		Palmerston North		-40.355746	175.612190		1929			Cottier, W.	Rumex	Rumex	
1	Pemphigus ?bursarius	Pemphigus		New Zealand	AK	Auckland		Pukekohe		-37.200630	174.903626		1929			Cottier, W.	Rumex	Rumex	
3	Pemphigus ?bursarius	Pemphigus		New Zealand	WI	Wanganui		Palmerston North		-40.355746	175.612190		1930			Cottier, W.	Rumex	Rumex	
1	Pemphigus ?bursarius	Pemphigus		New Zealand	WI	Wanganui		Palmerston North		-40.355746	175.612190		1936	12	12	Cottier, W.	dock roots	Rumex	
1	Pemphigus ?bursarius	Pemphigus		New Zealand	MC	Mid Canterbury		Lincoln		-43.640326	172.483995		1959	4	3	Eastop, V.F.	trap		
1	Pemphigus	Pemphigus		New Zealand	AK	Auckland	Auckland City	Pukekohe		-37.200630	174.903626		1973	8	12		sticky trap		
2	Pemphigus ??canadensis	Pemphigus	HLGS	New Zealand	MC	Mid Canterbury		Ashburton		-43.902496	171.749326		1981	5	20	Peck, N.J.	Rheum rhaponticum	Rheum rhaponticum	
2	Pemphigus	Pemphigus		New Zealand	FD	Fiordland		Cardrona		-44.876619	169.006648		1983	1	25	Cox, J.M.	Rumex	Rumex	
3	Pemphigus	Pemphigus		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1983	11	19	Eastop, V.F.	Rumex ?obtusifolia roots	Rumex	
1	Pemphigus	Pemphigus		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1983	11	25	Eastop, V.F.	Rumex obtusifolia	Rumex obtusifolia	
1	Pemphigus	Pemphigus		New Zealand	MC	Mid Canterbury	Ashburton	Tinwald		-43.918492	171.723070		1983	12	13	Eastop, V.F.	Rheum rhaponticum	Rheum rhaponticum	
1	Pemphigus	Pemphigus		New Zealand	AK	Auckland	Auckland City	Mount Albert		-36.884062	174.715550		1984	12	2	Walker, A.K.	dock root	Rumex	
2	Pemphigus bursarius	Pemphigus bursarius		New Zealand	MC	Mid Canterbury		Chirstchurch		-43.516490	172.640699		1920	12	6	Miller, D.	poplar galls	Populus	
1	Pemphigus bursarius	Pemphigus bursarius		New Zealand	WN	Wellington		Wellington		-41.28648	174.776217		1921	5	29	Myers, J.G.	grass roots near seashore	Poaceae	
2	Pemphigus bursarius	Pemphigus bursarius		New Zealand	WI	Wanganui		Feilding		-40.224356	175.568544		1931			Cottier, W.	poplar (galls on petiole)	Populus	
1	Pemphigus bursarius	Pemphigus bursarius		New Zealand	AK	Auckland	Manukau City	Ihumatao		-36.991963	174.757722		1959	5	25	May, B.M.	clover roots	Trifolium	
1	Pemphigus bursarius	Pemphigus bursarius		New Zealand									1960	12	23	Lamb, K.P.	trapped		
1	Pemphigus bursarius	Pemphigus bursarius		New Zealand	MC	Mid Canterbury		Chirstchurch		-43.516490	172.640699		1962	4	26	Lowe, A.D.	trap		
1	Pemphigus bursarius	Pemphigus bursarius		New Zealand	MC	Mid Canterbury		Lincoln		-43.640326	172.483995		1963	4	10	Lowe, A.D.			
1	Pemphigus bursarius	Pemphigus bursarius		New Zealand	MC	Mid Canterbury		Lincoln		-43.640326	172.483995		1964	4	24	Lowe, A.D.	netted from pasture		
1	Pemphigus bursarius	Pemphigus bursarius		New Zealand	CO	Central Otago		Great Moss Swamp	=Loganburn Reservoir	-45.555763	169.923016		1983	4	15		under stones in tussock		
1	Pemphigus bursarius	Pemphigus bursarius		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1983	10	17	Eastop, V.F.	Sonchus roots	Sonchus	

material	identification			location									date			collection	host		
slide count	label det	species	det. by	country	admin1 / Crosby area	admin2 / 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	MC	Mid Canterbury		Chirstchurch		-43.516490	172.640699		1994	9	21	Jessop, Tom	Embergia	Embergia	
	1 Pemphigus bursarius	Pemphigus bursarius		New Zealand	MC	Mid Canterbury		Lincoln	Gerald St.	-43.640512	172.475017		1997	1			Populus nigra var italica	Populus nigra	
	1 Pemphigus populitransversus	Pemphigus		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1958	11	12	Eastop, V.F.			
	1 Pemphigus populitransversus	Pemphigus		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1959	1	7	Eastop, V.F.			
	1 Pemphigus populitransversus	Pemphigus		New Zealand	MC	Mid Canterbury		Lincoln		-43.640326	172.483995		1959	11	4	Lamb, K.P.	trap		
	1 Pemphigus populitransversus	Pemphigus		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1959	12	17	Eastop, V.F.			
	1 Pemphigus populitransversus	Pemphigus		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1960	11	28	Lamb, K.P.	sticky trap		
	1 Pemphigus populitransversus	Pemphigus		New Zealand	AK	Auckland	Auckland City	Mount Albert	P.D.D	-36.890350	174.726326		1960	12	5	Lamb, K.P.	sticky trap		
	1 Pemphigus populitransversus	Pemphigus		New Zealand	AK	Auckland	Auckland City	Mount Albert	P.D.D	-36.890350	174.726326		1960	12	12	Lamb, K.P.	sticky trap		
	1 Pemphigus populitransversus	Pemphigus populitransversus		New Zealand	AK	Auckland	Auckland City	Mount Albert	P.D.D	-36.890350	174.726326		1961	1	2	Lamb, K.P.	sticky trap		
	8 Pemphigus populitransversus	Pemphigus		New Zealand	MC	Mid Canterbury		Rakaia	Dorie	-43.865967	172.117540		1988	9	20	Emms, L.M.	Eutrema wasabi roots	Eutrema wasabi	
	1 Periphyllus ?californiensis	Periphyllus		New Zealand	MC	Mid Canterbury		Chirstchurch		-43.516490	172.640699		1962	10	24	Lowe, A.D.	trap		
	1 Periphyllus californiensis	Periphyllus californiensis		New Zealand	MC	Mid Canterbury		Chirstchurch		-43.516490	172.640699		1961	10	25	Lowe, A.D.	trap		
	1 Periphyllus californiensis	Periphyllus californiensis		New Zealand	MC	Mid Canterbury		Chirstchurch		-43.516490	172.640699		1973	9	14	Eastop, V.F.	Acer sp.	Acer	
	1 Periphyllus californiensis	Periphyllus californiensis		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1983	11	4	Eastop, V.F.	Acer palmatum	Acer palmatum	
	1 Periphyllus lyopictus	Periphyllus lyopictus		New Zealand	TK	Taranaki		New Plymouth	Dept. Agric.	-34.607678	175.425463		1953	3	30	Cottier, W.	Acer pseudoplatanus	Acer pseudoplatanus	
	1 Periphyllus testudinaceus	Periphyllus testudinaceus		New Zealand	DN	Dunedin		Dunedin		-45.875470	170.505744		1983	12	5	Eastop, V.F.	Acer platanoides	Acer platanoides	
	2 Periphyllus testudinaceus	Periphyllus testudinaceus		New Zealand	DN	Dunedin		Dunedin	Botanic Gardens	-45.858887	170.524533		1983	12	5	Eastop, V.F.	Acer pseudoplatanus	Acer pseudoplatanus	
	1 Phorodon humuli	Phorodon humuli	HRL	New Zealand	NN	Nelson		Riwaka		-41.076480	172.997403		1950	3		Robertson, P.L.	Humulus	Humulus	
	3 Phyllaphis fagi	Phyllaphis fagi		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1983	11	10	Eastop, V.F.	Fagus sylvatica	Fagus sylvatica	
	1 Phylloxera glabra	Phylloxera glabra		New Zealand			Otago						1980	4	17	Baker, T.	Quercus dentata	Quercus dentata	
	1 Pineus	Pineus		New Zealand					Tahoraburi F.B.				1972	9	21	Eastop, V.F.	Pinus radiata	Pinus radiata	
	1 Pineus borneri	Pineus boernerii		New Zealand	NN	Nelson		Nelson		-41.270786	173.284000		1921	7	7	Tillyard, R.J.	Pinus insignis	Pinus insignis	
	2 Pineus b�rneri	Pineus boernerii		New Zealand	WN	Wellington		Wellington		-41.28648	174.776217		1921			Myers, J.G.	Pinus radiata, base of needles	Pinus radiata	
	3 Pineus pini/laevis	Pineus pini		New Zealand	NN	Nelson		Nelson		-41.270786	173.284000		1932	10	19	Clark, A.F.	Pinus radiata	Pinus radiata	
	1 Pineus pini	Pineus pini		New Zealand	HB	Hawkes Bay		Havelock North		-39.672076	176.878458		1970	10	27		sticky trap		
	1 Pineus strobi	Pineus strobi		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1983	11	23	Eastop, V.F.	Pinus sylvestris?	Pinus	
	1 Pseudacaudella rubida	Pseudacaudella rubida		New Zealand	SL	Southland		Tautuku		-46.582145	169.420091		1994	1	10	Ward, J.B./Ward,	malaise trap		
	2 Oregma panicola	Pseudoregma panicola		New Zealand	AK	Auckland	Auckland	Purewa		-36.866731	174.8202		1951	4	29	McKenzie, D.	Oplismenus undularifolius	Oplismenus undularifolius	
	2 Oregma panicola	Pseudoregma panicola		New Zealand	TK	Taranaki		Waipapa		-38.994863	174.273618		1957	1	10	Cumber, R.A.	grass	Poaceae	
	2 Pseudoregma panicola	Pseudoregma panicola		New Zealand	WO	Waikato		Raglan	Wainui Bush	-37.802571	174.872606		1976	5	16	Oliver, H.A.	Oplismenus undularifolius	Oplismenus undularifolius	
	5 Pseudoregma panicola	Pseudoregma panicola		New Zealand	WO	Waikato		Hamilton		-37.788263	175.283883		1977	3	20	Oliver, H.A.	Oplismenus undularifolius	Oplismenus undularifolius	
	2 Pterocallis alni	Pterocallis alni		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1925	11	8	Eastop, V.F.	Alnus	Alnus	
	3 Pterocallis alni	Pterocallis alni		New Zealand	AK	Auckland	Auckland City	Pukekohe		-37.200630	174.903626		1971	4	29		sticky trap		
	2 Pterocallis alni	Pterocallis alni		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1983	11	4	Eastop, V.F.	Alnus	Alnus	
	4 Pterocallis alni	Pterocallis alni		New Zealand	DN	Dunedin		Dunedin	Botanic Gardens	-45.858887	170.524533		1983	12	5	Eastop, V.F.	Alnus glutinosa	Alnus glutinosa	
	1 Rhopalosiphoninus latysiphon	Rhopalosiphoninus		New Zealand	AK	Auckland	Auckland City	Mount Albert	P.D.D	-36.890350	174.726326		1956	10	12	Lamb, K.P.	trap		
	1 Rhopalosiphoninus latysiphon	Rhopalosiphoninus		New Zealand	AK	Auckland	Auckland City	Mount Albert	P.D.D	-36.890350	174.726326		1959	3	25	Eastop, V.F.	trap		
	1 Rhopalosiphoninus	Rhopalosiphoninus		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1958	7	23	Eastop, V.F.			
	5 Rhopalosiphoninus staphyleae	Rhopalosiphoninus staphyleae	HLGS	Australia					interception in New Zealand				1958	7	30	Michael, P.W.	tulip bulbs	Tulipa	
	1 Rhopalosiphoninus	Rhopalosiphoninus		New Zealand									1960	4	20	Lamb, K.P.	yellow trays		
	1 Rhopalosiphoninus	Rhopalosiphoninus		New Zealand	AK	Auckland	Auckland City	Mount Albert	P.D.D	-36.890350	174.726326		1960	12		Lamb, K.P.	sticky trap		
	2 Rhopalosiphum	Rhopalosiphum		New Zealand	BP	Bay of Plenty		Rotorua		-38.139828	176.247076	290	1973	10	7	Nuttall, M.I.	Cordyline indivisa	Cordyline indivisa	
	2 Rhopalosiphum	Rhopalosiphum		New Zealand	BP	Bay of Plenty		Rotorua		-38.139828	176.247076	290	1973	10	7	Nuttall, M.I.		Cordyline indivisa	
	1 Rhopalosiphum parvum	Rhopalosiphum		New Zealand	NN	Nelson		Canaan		-41.010191�	172.891034�		1983	12	22	Eastop, V.F.	swept		
	1 Rhopalosiphum cf padi	Rhopalosiphum		New Zealand	WI	Wanganui		Palmerston North		-40.355746	175.612190		1930			Cottier, W.	grass in glasshouse	Poaceae	
	1 Rhopalosiphum cf	Rhopalosiphum		New Zealand	BP	Buller		Lake Rotoiti		-41.801893	172.823317		1979	2	3	Mound, L.A.	grasses in gully	Poaceae	
	1 Rhopalosiphum maidis	Rhopalosiphum maidis		New Zealand	AK	Auckland	Auckland City	Auckland		-36.847385	174.765735		1959	4	29	Eastop, V.F.	yellow trays		
	1 Rhopalosiphum nymphaeae	Rhopalosiphum nymphaeae		New Zealand	HB	Hawkes Bay		Hastings		-39.643530	176.843195		1921	11	24	Myers, J.G.	plum	Prunus	
	3 Rhopalosiphum nymphaeae	Rhopalosiphum nymphaeae		New Zealand	MC	Mid Canterbury		Governors Bay		-43.624775	172.647364		1922	11	7	Myers, J.G.	plum	Prunus	
	1 Rhopalosiphum nymphaeae	Rhopalosiphum nymphaeae		New Zealand	WI	Wanganui		Palmerston North		-40.355746	175.612190		1929			Cottier, W.	plum	Prunus	
	1 Rhopalosiphum nymphaeae	Rhopalosiphum nymphaeae		New Zealand	WI	Wanganui		Palmerston North		-40.355746	175.612190		1930			Cottier, W.	apricot	Prunus armeniaca	
	6 Rhopalosiphum nymphaeae	Rhopalosiphum nymphaeae		New Zealand	MC	Mid Canterbury		Ashburton		-43.902496	171.749326		1959	10		Lamb,	cherry plum wood	Prunus armeniaca	
	1 Rhopalosiphum nymphaeae	Rhopalosiphum nymphaeae		New Zealand	MC	Mid Canterbury		Chirstchurch		-43.516490	172.640699		1962	2	14	Lowe, A.D.	trap		

material	identification			location									date			collection	host		
slide count	label det	species	det_by	country	admin1 / Crosby area	admin2 / Crosby area	admin3	locality	site	lat	long	elevation	year	month	day	collector	label_host	stand_host	notes for database
1	Rhopalosiphum nymphaeae	Rhopalosiphum nymphaeae		New Zealand	NC	North Canterbury		Leithfield		-43.193683	172.739592		1962	12	12	Healy, A.J.	Ranunculus scleratus	Ranunculus scleratus	
1	Rhopalosiphum nymphaeae	Rhopalosiphum nymphaeae		New Zealand									1963	4	18	Lowe, A.D.			
1	Rhopalosiphum nymphaeae	Rhopalosiphum nymphaeae		New Zealand	MC	Mid Canterbury		Lincoln		-43.640326	172.483995		1985	5	11		suction trap		
1	Rhopalosiphum nymphaeae	Rhopalosiphum nymphaeae		New Zealand	WA	Wairarapa		Featherston		-41.117026	175.322651					Holloway, B.A.	duckweed	Lemna	
1	Rhopalosiphum padi	Rhopalosiphum padi		New Zealand	WI	Wanganui		Aramoho		-39.898576	175.065106		1921	8	27	Myers, J.G.	grasses	Poaceae	
1	Rhopalosiphum padi	Rhopalosiphum padi		New Zealand	MC	Mid Canterbury		New Brighton	Dyers Road	-43.526658	172.720213	4m	1922	11	11	Campbell, J.W.			
1	Rhopalosiphum padi	Rhopalosiphum padi		New Zealand	AK	Auckland		Pukekohe		-37.200630	174.903626		1929	9	22	Cottier, W.	Hordeum vulgare	Hordeum vulgare	
1	Rhopalosiphum padi	Rhopalosiphum padi		New Zealand	WI	Wanganui		Palmerston North		-40.355746	175.612190		1930			Cottier, W.	onions	Allium cepa	
1	Rhopalosiphum padi	Rhopalosiphum padi		New Zealand	WI	Wanganui		Palmerston North		-40.355746	175.612190		1931			Cottier, W.	orange	Citrus	
1	Rhopalosiphum padi	Rhopalosiphum padi		New Zealand	MC	Mid Canterbury		Chirstchurch		-43.516490	172.640699		1934	7	4	Helson, G.A.H.	strawberry	Fragaria	
	Rhopalosiphum padi	Rhopalosiphum padi		New Zealand	AK	Auckland	Auckland City	Mount Albert	P.D.D	-36.890350	174.726326		1959	9	2	Eastop, V.F.	yellow trays		
1	Rhopalosiphum padi	Rhopalosiphum padi		New Zealand	AK	Auckland	Auckland City	Mount Albert	P.D.D	-36.890350	174.726326		1959	9	16	Eastop, V.F.	trap		
1	Rhopalosiphum padi	Rhopalosiphum padi		New Zealand	AK	Auckland	Auckland City	Mount Albert	P.D.D	-36.890350	174.726326		1959	10	7	Eastop, V.F.	sticky trap		
1	Rhopalosiphum padi	Rhopalosiphum padi		New Zealand	MC	Mid Canterbury		Lincoln		-43.640326	172.483995		1959	11	2	Eastop, V.F.	trap		
2	Rhopalosiphum padi	Rhopalosiphum padi		New Zealand									1959	11	18	Lamb, K.P.	trapped		
1	Rhopalosiphum padi	Rhopalosiphum padi		New Zealand	MC	Mid Canterbury		Lincoln		-43.640326	172.483995		1959	11	18	Eastop, V.F.	yellow traps		
1	Rhopalosiphum padi	Rhopalosiphum padi		New Zealand	MC	Mid Canterbury		Lincoln		-43.640326	172.483995		1959	11	25	Lamb, K.P.	trap		
1	Rhopalosiphum padi	Rhopalosiphum padi		New Zealand									1959	12	1	Lamb, K.P.	trapped		
1	Rhopalosiphum padi	Rhopalosiphum padi		New Zealand									1960	3	3	Lamb, K.P.	yellow trays		
3	Rhopalosiphum padi	Rhopalosiphum padi		New Zealand									1960	4	5	Lamb, K.P.	yellow trays		
2	Rhopalosiphum padi	Rhopalosiphum padi		New Zealand									1960	4	12	Lamb, K.P.	yellow trays		
2	Rhopalosiphum padi	Rhopalosiphum padi		New Zealand									1960	4	20	Lamb, K.P.	yellow trays		
1	Rhopalosiphum padi	Rhopalosiphum padi		New Zealand									1960	4	20	Lamb, K.P.	yellow trays		
1	Rhopalosiphum padi	Rhopalosiphum padi		New Zealand	MC	Mid Canterbury		Chirstchurch		-43.516490	172.640699		1961	10	18	Lowe, A.D.	trap		
1	Rhopalosiphum padi	Rhopalosiphum padi		New Zealand	NN	Nelson		Whangamo	Hills	-41.158770	173.529120		1972	9	17	Eastop, V.F.			
1	Rhopalosiphum padi	Rhopalosiphum padi		New Zealand	TO	Taupo		Taupo	Waipahihi Botanic Gardens	-38.710508	176.102435		1972	9	21	Eastop, V.F.	Hierochloe redolens	Hierochloe redolens	
1	Rhopalosiphum padi	Rhopalosiphum padi		New Zealand	BP	Bay of Plenty		Lake Okareka		-38.163557	176.366265		1972	9	25	Eastop, V.F.	grass tufts	Poaceae	
3	Rhopalosiphum padi	Rhopalosiphum padi		New Zealand	TO	Taupo		Whakamaru		-38.423545	175.806678		1972	9	26	Eastop, V.F.	?blue eye'		
1	Rhopalosiphum padi	Rhopalosiphum padi		New Zealand	TO	Taupo		Whakamaru		-38.423545	175.806678		1972	9	26	Eastop, V.F.	Dianthus sp.	Dianthus	
3	Rhopalosiphum padi	Rhopalosiphum padi		New Zealand	WO	Waikato		Ruakura		-37.775663	175.307854		1972	9	27	Eastop, V.F.	Zea mays	Zea mays	
1	Rhopalosiphum padi	Rhopalosiphum padi		New Zealand					{?}oudlands				1972	9	27	Eastop, V.F.			
1	Rhopalosiphum padi	Rhopalosiphum padi		New Zealand	AK	Auckland	Auckland City	Mount Albert		-36.884062	174.715550		1972	9	28	Eastop, V.F.	Cerastium glomeratum	Cerastium glomeratum	
	Rhopalosiphum padi	Rhopalosiphum padi		New Zealand	AK	Auckland		Waimauku		-36.768620	174.493469		1972	9	29	Eastop, V.F.	Typha	Typha	
2	Rhopalosiphum padi	Rhopalosiphum padi		New Zealand	AK	Auckland	Auckland City	Glen Eden		-36.913033	174.644630		1972	10	1	Eastop, V.F.	Holcus	Holcus	
2	Rhopalosiphum padi	Rhopalosiphum padi		New Zealand	AK	Auckland		Pukekohe		-37.200630	174.903626		1972	10	2	Eastop, V.F.	?chamomile	Asteraceae	
6	Rhopalosiphum padi	Rhopalosiphum padi		New Zealand	AK	Auckland		Pukekohe		-37.200630	174.903626		1972	10	2	Eastop, V.F.	wild turnip & grasses		
1	Rhopalosiphum padi	Rhopalosiphum padi		New Zealand	WO	Waikato		Hamilton	Lake Park/Lake domain	-37.798683	175.270214		1972	10	27	Eastop, V.F.	Pittosporum eugenioides	Pittosporum eugenioides	
3	Rhopalosiphum padi	Rhopalosiphum padi		New Zealand	MC	Mid Canterbury		Lincoln		-43.640326	172.483995		1981	8	5	Savage, M.J.	Lolium perenne	Lolium perenne	
2	Rhopalosiphum padi	Rhopalosiphum padi		New Zealand	AK	Auckland	Manukau City	Manurewa		-37.021267	174.895898		1983	10	26	Eastop, V.F.	Aciphylla	Aciphylla	
6	Rhopalosiphum padi	Rhopalosiphum padi		New Zealand	AK	Auckland		Pukekohe		-37.200630	174.903626		1983	11	1	Eastop, V.F.	Arundinara japonica?	Arundinaria	
1	Rhopalosiphum padi	Rhopalosiphum padi		New Zealand				Wailuni Saddle					1983	11	16	Butcher, C.F.	Aristotelia serrata	Aristotelia serrata	
1	Rhopalosiphum padi	Rhopalosiphum padi		New Zealand	SD	Marlborough		Picton	Shakespeare	-41.281010	173.998401		1983	12	15	Eastop, V.F.	swept		
1	Rhopalosiphum padi	Rhopalosiphum padi		New Zealand	SD	Marlborough		Picton	Esson's Valley	-41.301850	174.006131		1983	12	16	Eastop, V.F.	grass	Poaceae	
1	Rhopalosiphum padi	Rhopalosiphum padi		New Zealand	NN	Nelson		Aniseed Valley		-41.382091	173.151734		1983	12	21	Eastop, V.F.	swept		
1	Rhopalosiphum padi	Rhopalosiphum padi		New Zealand	BR	Buller		Mount Arnaud					1983	12	24	Eastop, V.F.	swept		
1	Rhopalosiphum padi	Rhopalosiphum padi		New Zealand	MC	Mid Canterbury		Lincoln		-43.640326	172.483995		1997	2	5		barley	Hordeum vulgare	
2	Rhopalosiphum padi	Rhopalosiphum padi		New Zealand	MC	Mid Canterbury		Lincoln	parasite room	-43.640512	172.475017		1997	2	5		barley	Hordeum vulgare	

material	identification			location									date			collection	host			
slide count	label det	species	det_by	country	admin1 / Crosby area	admin2 / Crosby area	admin3	locality	site	lat	long	elevation	year	month	day	collector	label_host	stand_host	notes for database	
	2	Rhopalosiphum padi	Rhopalosiphum padi		New Zealand								2001	3	6		lab culture			
	1	Rhopalosiphum padi	Rhopalosiphum padi		New Zealand								2001	3	6		lab culture			
	1	Rhopalosiphum	Rhopalosiphum		New Zealand	AK	Auckland	Auckland City	Auckland	-36.847385	174.765735		1958	12	3	Eastop, V.F.	yellow trays			
	1	Rhopalosiphum	Rhopalosiphum		New Zealand	AK	Auckland	Auckland City	Mount Albert	P.D.D	-36.890350	174.726326	1959	4	8					
	1	Rhopalosiphum rufiabdominalis	Rhopalosiphum rufiabdominale		New Zealand	AK	Auckland	Auckland City	Mount Albert	P.D.D	-36.890350	174.726326	1959	6	17	Eastop, V.F.	yellow trap			
	1	Rhopalosiphum rufiabdominalis	Rhopalosiphum rufiabdominale		New Zealand			Canterbury					1960	3	4	Lamb, K.P.	trap			
	1	Rhopalosiphum	Rhopalosiphum		New Zealand	MC	Mid Canterbury		Chirstchurch	-43.516490	172.640699		1962	2	28	Lowe, A.D.	trap			
	1	Rhopalosiphum	Rhopalosiphum		New Zealand	MC	Mid Canterbury		Chirstchurch	-43.516490	172.640699		1962	5	23	Lowe, A.D.	trap			
	1	Rhopalosiphum rufiabdominalis	Rhopalosiphum rufiabdominale		New Zealand								1963	4	18	Lowe, A.D.				
	1	Taiwanaphis (Sensoriaphis)	Sensoriaphis nothofagi		New Zealand	CL	Coromandel	Little Barrier		-36.217884	175.055889		1958	9	15	Dingley, J	Nothofagus truncata	Nothofagus truncata	native aphid	
	37	Taiwanaphis (Sensoriaphis)	Sensoriaphis nothofagi		New Zealand	AK	Auckland	Auckland	Mt Albert	DSIR	-36.890646	174.726234	43	1972	9	28	Eastop, V.F.	Nothofagus truncata	Nothofagus truncata	native aphid
	7	Taiwanaphis (Sensoriaphis) nothofagi	Sensoriaphis nothofagi		New Zealand	FD/SL	Fiordland/Southland	Te Anau	Milford Road	"The Bluffs" camping site, 29	-45.064114	167.99207	339	1972	11	10	White, D.F.	Nothofagus truncata	Nothofagus truncata	native aphid
	3	Taiwanaphis (Sensoriaphis) nothofagi	Sensoriaphis nothofagi		New Zealand	AK	Auckland	Auckland	Mt Albert	DSIR	-36.890646	174.726234	43	1977	2	2	Sunde, R.	Nothofagus truncata	Nothofagus truncata	native aphid
	5	Taiwanaphis (Sensoriaphis)	Sensoriaphis nothofagi		New Zealand	AK	Auckland	Auckland	Kauri Valley			183	1983	10	14	Eastop, V.F.	Nothofagus truncata	Nothofagus truncata	native aphid	
	4	Taiwanaphis (Sensoriaphis)	Sensoriaphis nothofagi		New Zealand	AK	Auckland	Auckland		-36.847386	174.765735	15	1983	11	8	Eastop, V.F.	Nothofagus truncata	Nothofagus truncata	native aphid	
	1	Taiwanaphis (Sensoriaphis)	Sensoriaphis nothofagi		New Zealand	DN	Dunedin		Dunedin	Dunedin Botanic	-45.858887	170.524533	81	1983	12	5	Eastop, V.F.	Nothofagus fusca	Nothofagus fusca	native aphid
	6	Taiwanaphis (Sensoriaphis) nothofagi	Sensoriaphis nothofagi		New Zealand	DN	Dunedin		Dunedin	Dunedin Botanic Garden	-45.858887	170.524533	81	1983	12	5	Eastop, V.F.	Nothofagus solandri var cliffortoides	Nothofagus solandri	native aphid
	1	Taiwanaphis (Sensoriaphis)	Sensoriaphis nothofagi		New Zealand	NN/BR	Nelson/Buller		Saint Arnaud	-41.806139	172.84513	620	1983	12	19	Eastop, V.F.	swept		native aphid	
	5	Taiwanaphis (Sensoriaphis)	Sensoriaphis nothofagi		New Zealand	NN/BR	Nelson/Buller		Saint Arnaud	-41.806139	172.84513	620	1983	12	23	Eastop, V.F.	Nothofagus solandri var	Nothofagus solandri	native aphid	
	1	Macrosiphum (Sitobion)	Sitobion		New Zealand	AK	Auckland	Auckland City	Pukekohe	-37.200630	174.903626		1969	11	26		sticky trap			
	1	Sitobion	Sitobion		New Zealand	SD	Marlborough Sounds		Picton	Shakespeare Bay	-41.281010	173.998401		1983	12	15	Eastop, V.F.	swept		
	1	Sitobion	Sitobion		New Zealand	BR	Buller		Lake Rotoiti	-41.801893	172.823317		1983	12	19	Eastop, V.F.	swept			
	1	Sitobion	Sitobion		New Zealand	NN	Nelson		Aniseed Valley	-41.382091	173.151734		1983	12	21	Eastop, V.F.	grass	Poaceae		
	1	Macrosiphum (Sitobion)	Sitobion fragariae		New Zealand	NN	Nelson		Nelson	-41.270786	173.284000		1972	9	16	Eastop, V.F.	Rosa sp.	Rosa		
	1	Sitobion fragariae	Sitobion fragariae		New Zealand	SD	Marlborough Sounds		Picton	Esson's Valley	-41.301850	174.006131		1983	12	16	Eastop, V.F.	swept from lakeside grasses	Poaceae	
	1	Sitobion nr fragariae	Sitobion fragariae		New Zealand	DN	Dunedin		Dunedin	-45.875470	170.505744		2005	1	24		ex tussock	Poaceae		
	1	Macrosiphum (Sitobion)	Sitobion miscanthi		New Zealand	MC	Mid Canterbury		Lincoln	-43.640326	172.483995		1959	2	18	Eastop, V.F.	trap			
	1	Macrosiphum (Sitobion)	Sitobion miscanthi		New Zealand	AK	Auckland	Auckland City	Auckland	-36.847385	174.765735		1960	1	15	Eastop, V.F.	Bromus	Bromus		
	9	Macrosiphum (Sitobion) avenae miscanthi	Sitobion miscanthi		New Zealand	WN	Wellington		Wellington	Butterfly Creek	-41.303192	174.894357		1960	3	25	Holloway, B.A.	Arundo conspicua flower heads	Arundo conspicua	
	4	Sitobion miscanthi	Sitobion miscanthi		New Zealand	AK	Auckland	Auckland City	Auckland	-36.847385	174.765735		2005	2	15	Sunde, R.	Bambusa multiplexa	Bambusa multiplexa		
	1	Smynthuroides betae	Smynthuroides betae		New Zealand	WN	Wellington		Wellington	-41.28648	174.776217		1922	3	31	Myers, J.G.	Aciphylla squarrosa roots	Aciphylla squarrosa	roots	
	1	Smynthuroides betae	Smynthuroides betae		New Zealand	AK	Auckland	Auckland City	Auckland	-36.847385	174.765735		1946	1	1	Malins, A.	bean roots	Phaseolus		
	1	Smynthuroides betae	Smynthuroides betae	Smynthur	New Zealand	AK	Auckland	Auckland City	Mount Albert	P.D.D	-36.890350	174.726326	1961	1	2	Lamb, K.P.	sticky trap			
	3	Smynthuroides betae	Smynthuroides betae		New Zealand	WO	Waikato		Hamilton	-37.788263	175.283883		1972	12	17	During, P.	dwarf bean roots	Phaseolus		
	1	Takecallis arundinariae	Takecallis arundinariae		New Zealand	WI	Wanganui		Wanganui	-39.930326	175.047663		1963	7	27	Lowe, A.D.	Arundinaria sp.	Arundinaria		
	2	Takecallis arundinariae	Takecallis arundinariae		New Zealand	WO	Waikato		Rukuhia	-37.852259	175.305942		1972	9	27	Eastop, V.F.	bamboo	Bambuseae		
	2	Takecallis arundinariae	Takecallis arundinariae		New Zealand	AK	Auckland	Auckland City	Auckland	-36.847385	174.765735		1975	8	7	Johannesson, J.	Arundinaria sp.	Arundinaria		
	1	Takecallis arundinariae	Takecallis arundinariae		New Zealand	AK	Auckland	Auckland City	Auckland	-36.847385	174.765735		1983	10	31	Eastop, V.F.	bamboo	Bambuseae		
	2	Takecallis taiwana	Takecallis taiwana		New Zealand	WI	Wanganui		Wanganui	-39.930326	175.047663		1963	7	27	Lowe, A.D.	Arundinaria sp.	Arundinaria		
	2	Takecallis taiwana	Takecallis taiwana		New Zealand	WO	Waikato		Rukuhia	-37.852259	175.305942		1972	9	27	Eastop, V.F.	bamboo	Bambuseae		
	2	Takecallis taiwana	Takecallis taiwana		New Zealand	AK	Auckland	Auckland City	Auckland	-36.847385	174.765735		1983	10	31	Eastop, V.F.	bamboo	Bambuseae		
	4	Takecallis taiwana	Takecallis taiwana		New Zealand	AK	Auckland		Pukekohe	-37.200630	174.903626		1983	11	1	Eastop, V.F.	Phyllostachys?	Bambuseae		
	1	Therioaphis trifolii maculata	Therioaphis trifolii		New Zealand	AK	Auckland		Woodhill	-36.747078	174.438266		1982	4	21	Walker, G.	lucerne sweeps	Medicago sativa		
	1	Therioaphis trifolii f .	Therioaphis trifolii		New Zealand	AK	Auckland		Waiuku	Pirrit	-37.248031	174.731044	1982	5	4	Pottinger, P.				
	1	Therioaphis trifolii f .	Therioaphis trifolii		New Zealand	AK	Auckland		Pukekohe	-37.200630	174.903626		1982	5	11	Walker, G.	sweep over white clover	Trifolium repens		
	2	Therioaphis trifolii maculata	Therioaphis trifolii		New Zealand	AK	Auckland		Pukekohe	-37.200630	174.903626		1982	5	14	Cameron, P.	clover sweeps	Trifolium		
	4	Therioaphis trifolii maculata	Therioaphis trifolii		New Zealand	AK	Auckland	Manukau City	Mangere	-36.968370	174.798524		1982	5	18	Cibilich, A.	clover sweeps	Trifolium		
	2	Therioaphis trifolii maculata	Therioaphis trifolii		New Zealand	AK	Auckland		Waiuku	Bremmer	-37.248031	174.731044	1982	6	17	Pottinger, P.	lucerne sweeps	Medicago sativa		

material				location									date			collection	host		
slide count	label det	species	det_by	country	admin1 / Crosby area	admin2 / Crosby area	admin3	locality	site	lat	long	elevation	year	month	day	collector	label_host	stand_host	notes for database
	2	Therioaphis trifolii maculata																	
	3	Therioaphis trifolii f .																	
	1	Therioaphis trifolii f . maculata																	
	2	Thripsaphis foxtonensis																	
	2	Thripsaphis foxtonensis																	
	10	Thripsaphis foxtonensis																	
	1	Thripsaphis foxtonensis																	
	6	Thripsaphis foxtonensis																	
	1	Thripsaphis foxtonensis																	
	1	Thripsaphis foxtonensis																	
	1	Thripsaphis foxtonensis																	
	2	Thripsaphis foxtonensis																	
	1	Thripsaphis foxtonensis																	
	1	Toxoptera aurantii																	
	1	Toxoptera aurantii																	
	1	Toxoptera aurantii																	
	2	Toxoptera aurantii																	
	1	Toxoptera aurantii																	
	2	Toxoptera citricidus																	
	1	Toxoptera citricidus																	
	1	Toxoptera citricidus																	
	1	Myzocallis (Tuberculoides)																	
	2	Myzocallis (Tuberculoides) annulatus																	
	1	Myzocallis (Tuberculoides)																	
	1	Myzocallis (Tuberculoides)																	
	1	Myzocallis (Tuberculoides)																	
	1	Tuberculoides annulatus																	
	2	Tuberculoides annulatus																	
	2	Tuberculoides annulatus																	
	3	Tuberculoides annulatus																	
	3	Tuberculoides annulatus																	
	2	Tuberculoides annulatus																	
	3	Uroleucon sonchi																	
	1	Dactynotus sonchi																	
	3	Dactynotus sonchi																	
	1	Dactynotus sonchi																	
	1	Dactynotus sonchi																	
	1	Dactynotus sonchi																	
	4	Uroleucon sonchi																	
	1	Uroleucon sonchi																	
	2	Dactynotus sonchi																	
	1	Uroleucon sonchi																	
	1	Uroleucon sonchi																	
	2	Uroleucon sonchi																	
	2	Uroleucon sonchi																	
1774																			