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Isoneurothrips australis (Bay)

Locality	Code	date	Sex	Plant		LCNZ	Apt.	Mac
Huka	?	14 Jan 71	♀	Tussock grassland	R.P. Pottinger	<del>LCNZ</del>		✓
Wellsford	AK	18 Sep 74	♀	Roadside plants	N.A. Munro	NZAC <del>FRNZ</del>		✓
Hastings	HB	15 Oct 32	♀	Apple trees	Adamsen	"		✓
Owairaka	AK	29 May 40	♀	Sonchus oleraceus	D. Spiller	"		✓
"	"	12 Jan 48	♀	X Escalonia	M.W. Carter	"		✓
sent ? ♂ to Mowbray for confirmation not included yet 3 May 78								
Kerikeri Grasslands Survey	ND	18 Jan 1957		18 Jan 1957 SP11. 29 A. P17.	R.A. Carter	"		✓
<del>Blenheim</del>	<del>MB</del>	<del>5 June 75</del>	<del>♀</del>	<del>X White clover</del>	<del>C. Smith</del>	<del>"</del>		<del>✓</del>
Motueka	NN	Nov 34	♀	Tobacco	Cottier	NZAC <del>FRNZ</del>		✓
Paihia	ND	31 Aug 1952	♀	<u>Leaf litter + moss</u>	Lamb	"		✓
Beachlands	AK	20 Nov 45	♂	Gorse	Wates	"		✓
Kakeahua v	SI	13 Feb 68	♀	Beating	G. K. Schell	"		✓
Te Pahi	ND	7 Feb 75	♂	<u>standing tree 75/140 Granoderma on dead kanuka</u>	A.K.W.	"		✓
Pakohu Hill	ND	3 Dec 77	♀	Beating manuka +	G.W. Reynolds	"		✓
"	"	"	♀	"	"	"		✓
Spirits Bay	ND	3 Dec 77	♀	area Sweep rushes in grazed	A.K.W.	"		✓
"	"	"	♀	"	"	"		✓
"	"	"	♀	Sweep lupin in sand dunes	"	"		✓
"	"	"	♀	"	"	"		✓
Te Huka Ridge	ND	"	♀	Sweeping manuka + kanuka	"	"		✓
"	"	"	♀	Sweeping <sup>in</sup> manuka scrub	"	"		✓
Pureora SF	TO	25 June 63	♀	<u>Moss leaf litter</u>	J.S.D.	FRNZ NZAC <del>FRNZ</del>		✓
Cornwallis	AK	20 Dec 78	♀	Beating <sup>flowers</sup> Metrosideros excelsa	A.K.W.	"		✓
Rotorua	BP	23 Feb 79	♀	11 specimens Eucalyptus foliage	R. Zondag	FRNZ		✓
"	"	"	♂	5 spec. "	"	"		✓
"	"	"	♀	3 specimens in grass	"	"		✓
Cavalli Islands	ND	2 Jan 79	♀	SS Sweeping grassland	L. Roberts	NZAC <del>FRNZ</del>		✓

1 Interceinotrips bicinctus

Locality	Code	date	Sex	Host plant	Collector	deposit	Apb.	Mac
Owairaka	AK	Feb 46	♀	Escalonia macracantha	M.W. Carter	NZAC DSIR		✓
"	"	"	♀	" "	"	"		✓
Papatoetoe	AK	6 Feb 45	♀	Tomato	C.C. Taylor	"		✓
"	"	"	♀	"	"	"		✓
"	"	"	♀	"	"	"		✓
Mt Albert	AK	10 Dec 74	♀	x Solanum nig <sup>u</sup> rum	N.P. Martin	"		✓
"	"	"	♀	"	"	"		✓
"	"	"	♀	"	"	✓		✓
"	"	"		"	"	"	Nymphs	
Owairaka	"	11 Jan 54	♀	x Escalonia	E. Bray	"		✓
"	"	12 Jan 48	♀	x Escalonia macrantha	M.W. Carter	"		✓
"	"	? Feb 46	♀	x Chrysanthemums	"	✓		✓
Mt Albert	AK	10 Dec 74	♂	x Solanum nigrum	N.P. Martin	"		✓
"	"	"	♂	"	"	"		✓
"	"	"	♂	"	"	"		✓
"	"	"	♀	"	"	"		✓
"	"	"	♀	Nightshade	"	"		✓
Little Barrier	CL	20 Feb 76	♂	Coastal weed (Solanum?) Damaging leaves of	P.K. Watter	"		✓
"	"	"	♂	"	"	"		✓
"	"	22 "	♀	On Zingiberaceae	"	"		✓
"	"	22 Feb 76	♂	"	"	"		✓
"	"	"	♀	On Cucurbita	"	"		✓
"	"	"	♂	On Colocasia leaves	"	"		✓
"	"	"	♀	"	"	"		✓
"	"	"	♂	"	"	"		✓
"	"	"	♀	"	"	"		✓
"	"	"		"	"	"	nymph	
Lynfield	AK	7 Dec 74	♀	-	G. Kuschel	"		✓
Three Kings		Nov 70	♀	-	G.W. Ransing	"		✓
Owairaka	AK	12 Jan 48	♀s	4 specimens Escalonia macrantha	K.P. Watter	AMNZ AK Plus		✓
Te Pahi	ND	7 Feb 75	♀	Eucalyptus trees Sweeping long grass under	P.K. Watter	NZAC DSIR		✓
"	"	"	♀	"	"	"		✓



*Hercinothrips bicinctus*

Specimens from Te Pahi Station do not quite fit the description on P 155 of ~~Starks~~ Wilsons *Panchoetothripinae*. The pattern within the metascutum varies - far more reticulate in the Te Pahi specimens. Wings also have slightly different pattern of dark patches.



Myrmica ruginodis ceresum (L.) Haliday

Locality	Code	Date	Sex	Plant	Collector	Deposit	Apt	Mac
Invercargill	SL	15 Mar 77	♀	meadow fox tail Pto Sweeping brown tops + spartina	A.K. Walker	NZAC DSHR		✓
"	SL	17 Mar 77	♀	Seedling estuary weed (Alex europaeus)	"	"		✓
"	SL	15 Mar 77	♀	In seedling gorse	"	"		✓
Naseby	DN	26 Feb 64	♀	Under bark Carmichaelia sp.	D.T. Iershaw	PLNZ Levins		✓
"	"	"	♀	"	"	"		✓
Palmerston N	x WI	Feb 1930	♀	Potato foliage	W. Cottier DSHR	NZAC DSHR		✓
Riwaka	NN	7 Jan 47	♀	Tabacco Leaves	J. Yates	NZAC DSHR		✓
Invercargill	SL	15 Mar 77	♀	Sweeping brown top clover PTO Scleranthus hummock	A.K. Walker	"		✓
Pisa Ra	CO	23 Nov 64	♀	Litter 74/102	J.S.D.	"		✓
Palmerston N	x WI	Feb 1930	♀	Potato foliage	W. Cottier	"		✓
Riwaka	NN	7 Jan 42	♀	Tabacco leaves	J. Yates	"		✓
"	"	"	♀	"	"	"		✓
"	NN	"	♀	"	"	"		✓
Ferilding	x WI	4 Jan 61	♀	10 specimens Wheat T14	R.A. Currier	"		✓
"	x WI	"	♂	1 " "	"	"	✓	
"	x WI	"	♂	4 specimens "	"	"	✓	
"	x WI	"	♀	8 " "	"	"		✓
?			♀	Tabacco	W. Cottier	NZAC DSHR		✓
Nelson	NN	18 Dec 69	♀	Sweep net 3	N.A. Mackinnon	"		✓
"	NN	"	♀	" "	"	"		✓
"	NN	24 Oct 72	♀	Sweeping	"	"		✓
Lincoln	mc	2 Oct 59	♀s	8 specimens green pairie grass	-	"		✓
"	mc	2 Oct 59	♀s	8 " codesfoot leaves	-	"		✓
"	mc	2 Oct 59	♀s	7 " green pairie grass	-	"		✓
Riwaka	NN	7 Jan 42	♀	On tobacco leaves	-	"		✓
Eifelton	mc	2 Oct 42	♀	In codesfoot seedhead	-	"		✓
Invercargill	SL	17 Mar 77	♀	Agrostis stolonifera bent Sweeping seedling creeping in wasteland	↑	↑		↑
Tewaeae	SL	1 Feb 48	♀	old building	A.K.W. Sorenson	"		✓
-	-	-	♂s	3 specimens Barley	-	PLNZ Lincoln		✓
-	-	-	4♂	Oats	-	"	✓	
-	-	-	2♀	"	-	"		
-	-	-	aglyphs	"	-	"		

Locality	Code	date	Sex	plant	Collect	depos	Ppt	Mac
Tewaiwae	SL	1 Feb 48	♀	old building	John Muir	NMNZ		✓
-	-	-	♀	Barley	-	PLNZ Lincoln		✓
Bulls	WI	-	♀	-	3 specimens	MAIF		✓
Bulls	WI	Aug 34	♀	under blue-gum bark	Muggenidge	NZAC DSIR		✓
Hackland	HIC	-	♀	x Drywood	K. Harrow	NZAC DSIR		✓
Rocklands	CO	2-16 Jan 79	♀	pit fall trap in tussock	B. P. Bonnett	NZAC DSIR		✓
Farnsleigh	CO	19 Nov 79	♀	suction trap under Muir peaches	G. McLaren	"		✓
"	"	14 Nov 79	♀	suction trap	"	"		✓
"	"	"	♀	"	"	"		✓
"	"	"	♀	"	"	"		✓
"	"	"	♀	"	"	"		✓
"	"	12 Nov 79	♀	suction traps under muir peaches	"	"		✓
"	"	"	♀	"	"	"		✓
"	"	"	♀	"	"	"		✓
"	"	"	♀	"	"	"		✓
"	"	"	♀	"	"	"		✓
"	"	11 Nov 79	♀	"	"	"		✓
"	"	"	♀	"	"	"		✓
"	"	"	♀	"	"	"		✓
"	"	10 Oct 79	♀	"	"	"		✓
Tai Tapu	MC	18 Dec 78	♂	Sweeping lucerne	J. Wightman	"		✓
"	"	"	♀	"	"	"		✓

Gomatothrips paryphi's

							Mac
Tennysen Inlet	SD	28 Jun 79	♀	Carpodetus serratus	1366 LAM	Holotype D.S. RENZAC	✓
W. Inangahua	BR	19 Sep 72	♀	Moss 72/184	JSD	dup BMNH PARATYPE	✓
Makahu Spur	HB	26 Feb 71	♀	6 specimens Litter 71/24	P.C. Eyles	D.S. RENZAC Paratype	mic
Rocker Pillar Range	CO	12 Nov 69	♀	4 specimens Litter 69/205	J.M.C.B.	"	Mac



Megalurothrips Kellyanus  
(Bagnall)

Locality	Code	date	Sex	plant	Collector	Deposit	Sp. t.	Mac
Henderson	AK	21 Feb 51	♀	Lemon fruit	K.P. Lamb	NZAC <del>STP</del>		✓
"	AK	May 51	♂	Lemon leaves	E. Bray	"		✓
Titirangi	✓ AK	16 Jan 75	♂	Ex Chrysanthimum <sup>flowers</sup>	N.P. Martin	"		✓
"	✓ "	"	♀	Lemon flowers	"	"		✓
"	✓ "	"	♀	"	"	"		✓
"	✓ "	17 Dec 74	♀	"	"	"		✓
"	✓ "	8 Jan 75	♀	x Tomato	"	"		✓
"	✓ "	16 Jan 75	♀	x Chrysanthimum flowers	"	"		✓
"	✓ "	15 Jan 75	♂	x Compositae flowers	"	"		✓
Owairaka	✓ AK	27 Feb 51	♀	Citrus leaves	E. Bray	"		✓
Titirangi	✓ AK	17 Dec 74	♀	x Lemon flowers	N.P. Martin	"		✓
"	✓ "	"	♀	"	"	"		✓
"	✓ "	"	♂	"	"	"		✓
"	✓ "	16 Jan 75	♂	x chrysanthemum flowers	"	"		✓
"	✓ "	"	♂	"	"	"		✓
"	"	"	♀	"	"	"		✓
"	✓ "	15 Jan 75	♂	x Composite flowers	"	"		✓
"	✓ "	"	♀	"	"	"		✓
"	✓ "	"	♂	"	"	"		✓
"	✓ "	17 Dec 74	♀	x Lemon flowers	"	"		✓
"	✓ "	"	♀	"	"	"		✓
"	✓ "	"	♂	"	"	"		✓
"	✓ "	"	♂	"	"	"		✓
"	✓ "	"	♂	"	"	"		✓
Helensville	AK	13 Mar 52	♀	x Grapefruit	E. Bray	"		✓
"	"	"	♂	"	"	"		✓
Auckland	AK	May 1950	♀	Citrus flowers	K.P. Lamb	"		✓
Helensville	AK	13 Mar 52	♀	x Lemon fruit	E. Bray	"		✓
Henderson	AK	26 Feb 51	♂	x Lemon fruit	E. Bray	"		✓
"	"	May 51	♀	" leaves	"	"		✓
"	"	"	♀	" "	"	"		✓

Locality	Code	date	Sex	plant	Collector	Deposit	Apt.	Mac.
Henderson	AK	May 51	♂	x Lemon leaves	E. Bray	NZAC DS 10		✓
"	"	"	♀	"	"	"		✓
"	"	"	♀	"	"	"		✓
"	"	26 Feb 51	♀	x Lemon fruit	"	"		✓
Hellensville	"	13 Mar 52	♀	x Meyer lemon	E. Bray	"		✓
Oratia	"	24 Mar 53	♀	x Lemon fruit	H. Prue	"		✓
Owairaka	"	23 May 51	♀	x Swede insectary	AJ K. Wilson	"		✓
"	"	27 Feb 51	♀	x Citrus	E. Bray	"		✓
Gisborne	GB	8 Feb 52	♀	x lemon flower	Gray	"		✓
"	"	"	♀	"	"	"		✓
"	"	"	♀	"	K.P. Lamb	"		✓
Hellensville	AK	13 Mar 52	♀	x Grapefruit fruit	E. Bray	"		✓
Kumeu	AK	Nov 53	♀	x Citrus blossom	A. Lamden	"		✓
Gisborne	GB	4 Mar 53	♀	x Lemon flowers	W.A. Fletcher	"		✓
"	"	"	♀	"	"	"		✓
"	"	"	♀	"	"	"		✓
"	✓	"	♂	Lemon leaves	K.P. Lamb	"		✓
"	"	"	♀	"	"	"		✓
"	✓	"	♂	"	"	"		✓
"	✓	"	♂	Lemon flower	"	"		✓
"	✓	"	♂	Lemon leaves	"	"		✓
"	✓	"	♂	"	"	"		✓
Henderson	AK	26 Feb 51	♂	x Lemon fruit	E. Bray	"		✓
Hellensville	"	13 Mar 52	♀	"	"	"		✓
"	"	"	♀	"	"	"		✓
Henderson	✓	"	♀	"	"	"		✓
"	✓	"	♀	"	K.P. Lamb	"		✓
"	✓	"	♀	"	E. Bray	"		✓
"	✓	"	♀	"	"	"		✓
"	✓	"	♀	Lemon flowers	"	"		✓
"	✓	"	♀	"	"	"		✓
"	"	"	♂	"	"	"		✓

Locality	Code	date	Sex	Plant	Collector	Deposit	Apb	Mac
Henderson	AK	May 51	♀	x Lemon flowers	E. Bray	NZAC <del>IBSNZ</del>		✓
"	"	"	♂	" flowers	"	"		✓
Helensville	"	13 Mar 52	♂	x Meyer lemon flowers	"	"		✓
"	"	"	♀	x Lemon fruit	"	"		✓
"	"	"	♀	"	"	"		✓
"	"	"	♂	"	"	"		✓
"	"	"	♀	"	"	"		✓
"	"	"	♀	"	"	"		✓
"	"	"	♂	"	"	"		✓
Gisborne	GB	20 Dec 51	♀	x Citrus blossom	Dof A	"		✓
Oraha	AK	7 Dec 55	♀	Nursery	"	"		✓
Glendowie	AK	7 Dec 53	♀	x Various citrus	"	"		✓
Gisborne	GB	11 Apr 53	♀	x Lemon flowers	<sup>AT</sup> K. Wisard	"		✓
Helensville	AK	13 Mar 52	♀	x Meyer Lemon flowers	E. Bray	"		✓
"	"	"	♂	"	"	"		✓
?	-	-	♂	x Lemon leaves	-	"		✓
Helensville	AK	13 Mar 52	♀	x Grape fruit	E. Bray	"		✓
Henderson	"	26 Feb 54	♂	x leaves lemon	"	"		✓
Helensville	"	13 Mar 52	♂	x Meyer lemon fruit	"	"		✓
"	"	"	♀	x lemon flowers	"	"		✓
Henderson	"	May 51	♀	"	"	"		✓
Helensville	"	13 Mar 52	♀	"	"	"		✓
"	"	"	♂	"	"	"		✓
"	"	"	♀	"	"	"		✓
"	"	"	♀	"	"	"		✓
"	"	"	♀	"	"	"		✓
"	"	"	♀	"	"	"		✓
"	"	"	♂	" fruit	"	"		✓
"	"	"	♂	x Grapefruit	"	"		✓
"	"	"	♂	"	"	"		✓
"	"	"	♂	"	"	"		✓
"	"	"	♀	"	"	"		✓

Locality	Code	Date	Sex	Plant	Collector	Deposit.	Apt.	Mac.
Helensville	AK	13 Mar 52	♀	grapefruit	E. Bray	NZAC RNR		✓
Oratia	AK	24 Mar 53	♀	x lemon leaves	H. Prue	"		✓
Henderson	AK	26 Feb 51	♂	x lemon fruit	E. Bray	"		✓
"	"	"	♂	x leaves lemon	"	"		✓
Owairaka	"	27 Feb 51	♀	X Citrus	"	"		✓
-	-	-	♀	Tobacco	Martin	"		✓
-	-	-	♀	Dandelion	-	PCNZ Dunedin		✓
Coroway Flats	AK	15 Mar 77	♀	Erythrina flowers	R.P. Macfadyen	DSIR		✓
Upp. Awatere V.	MJ	21 Mar 68	♀	In open scree 3000' Moss 65/86	J.L.T.	"		✓
Mt. Albert	AK	13 Feb 77	♂	On Acmena leaves	AKW	NZAC "		✓
"	"	"	♂	"	"	"		✓
"	"	"	♂	Camellia <sup>sp</sup> leaves	"	"		✓
Mt. Albert	AK	18 Nov 78	♂	<sup>sp</sup> Sparmannia africana	AKW	"		✓
"	"	"	♂	"	"	"		✓
Lakeau Tongariro	TO	7 Dec 78	♀	flowering Notho. Solandri	GK	"		✓
Forewell Spit	MN	1 Feb 79	♀	flowers 22 spec On yellow composite	AKW-27	"		✓
"	"	"	♂	10 specimens	"	"		✓
Cavalli Islands	ND	2 Jan 79	♀	Sweeping grassland	"St" L. Roberts	"		✓
Waipori	CO	2-16 Jan 79	♀	Ex mt full trap in tassel	B. Bennett	DSIR		✓

Area Code	Date	sex	Host Plant	Collector	Deposited	Apterous / Macropterous
<del>M. 999 WBO</del>	<del>7 Oct 67</del>	<del>♂</del>	<del>Rangiora leaf litter</del>	<del>K. J. W. D. S.</del>	<del>J. M. R. M. S.</del>	<del>9</del>
<del>Tauranga BP</del>	<del>30 July 75</del>	<del>♀</del>	<del>Kiwi fruit <i>Actinida chiensis</i></del>	<del>A. M. F.</del>	<del>DSIR</del>	<del>✓</del>
<del>Buller R BR</del>	<del>14 Oct 70</del>	<del>♀</del>	<del>Litter 70/158</del>	<del>J. J. J.</del>	<del>DSIR</del>	<del>✓</del>
<del>Tauranga BP</del>	<del>20 Apr 76</del>	<del>♀</del>	<del>Kiwi fruit</del>	<del>A. M. F.</del>	<del>DSIR</del>	<del>✓</del>
<del>Horocho BP</del>	<del>24 Jul 76</del>	<del>♀</del>	<del>Litter 76/59</del>	<del>J. S. D.</del>	<del>"</del>	<del>✓</del>
<del>Tirau WO</del>	<del>29 Jul 65</del>	<del>♀</del>	<del>Ex dry pine litter</del>	<del>M. L.</del>	<del>"</del>	<del>✓</del>
<del>Tauranga BP</del>	<del>4 Nov 75</del>	<del>ny</del>	<del>twig of <i>A. chinensis</i></del>	<del>A. M. F.</del>	<del>"</del>	<del>✓</del>
✓	✓	ny	✓	✓	✓	✓
✓	✓	✓	✓	✓	✓	✓
"	"	"	"	"	"	✓
✓	12 Apr 76	♂	Kiwi fruit leaf	"	"	✓
♂	9 Jun 76	♀	Kiwi fruit twig	"	"	✓
"	"	♀	" "	"	"	✓
"	"	♂	" "	"	"	✓
"	"	♂	" "	"	"	✓
"	30 July 75	♀	" "	"	"	✓
"	"	?♂	" "	"	"	✓
<del>Notunau I BP</del>	<del>14 Nov 72</del>	<del>♂</del>	<del>Litter 72/262</del>	<del>L. Moran</del>	<del>"</del>	<del>✓</del>
<del>H. Underwood SD</del>	<del>Sep 69</del>	<del>♀</del>	<del>Litter 69/152</del>	<del>G. K.</del>	<del>"</del>	<del>✓</del>
<del>Nohaka R HB/GB</del>	<del>16 Jan 72</del>	<del>♂</del>	<del>Litter 72/13</del>	<del>G. W. R.</del>	<del>"</del>	<del>✓</del>
<del>Capleston BR</del>	<del>21 Sep 72</del>	<del>♂</del>	<del>Litter 72/185</del>	<del>J. C. W.</del>	<del>"</del>	<del>✓</del>
<del>Three Kings I</del>	<del>1 Dec 70</del>	<del>♀</del>	<del>Litter 70/238</del>	<del>G. K.</del>	<del>"</del>	<del>✓</del>
"	"	♂	"	"	"	✓

♀'s found Apr, Jun, July, Sep, Oct, Dec  
 ♂'s found Jan, Apr, Sep, Nov, Dec  
 Nymphs Nov,

Distribution: WO, BP, HB/GB, SD, BR Three Kings Islands  
 Rotorua BP 1 Aug 55 ♀ Dying *Nothofagus arborescens* R. Zondag DSIR HOLOTYPE  
 " " ♀ " " " " " " PARATYPE  
 Three Kings Whakarewarewa Rotorua Nov 70 ♂ Litter 70/199 G. K. " ✓  
 " " " " 18.5.60 ♀ On spruce G. B. Rawlings G. B. R. FRI ✓ PARATYPE (FRI)

One paratype at FRI still to examine  
 + all data copied from paratype slide 13 Apr 78

							Apt	Mac
Papakura	AK	19 Nov 72	♂	Nest 72/259	R. Veitch	DSIR	✓	
"	AK	"	♀	"	"	"	✓	
"	AK	"	♀	"	"	"	✓	

These have no median setae on tergite X - disregarded  
until Mound has been

10 Jan 78 returned & added to data as brunneus

Type Material

Type	Material							
Holotype	Wakarewa	BP	1 Aug 55	♀	On dying <i>Notkapanax arboreum</i>	R. Zouby	DSIR	✓
Paratype	"	"	"	♀	"	"	"	✓
3	2	4	5	6	7	8	9	
Capleston	BR	8 Mar 72	♀	Litter 72/112	JC Watt	DSIR	✓	
Flagstaff	BR	13 Jul 72	♂	Litter 72/165	JSD	"	✓	
Cook Strait area	SD	2 Dec 53	♀	-	BA Holloway	Nat. Mus.	✓	
Port Underwood Sell	SD	Sep 69	♀	Litter 69/152	GK	DSIR	✓	

Area Code	Date	sex	Host Plant	Collector	Deposit	Aptenous / Macropteros
N. Cape ND	7 Dec 67	♂	Rangiora leaf litter	K.A.J. Wise	AMNZ <del>AK Mus / DSR</del>	✓
Pandora ND	8 Mar 67	♀	Flax leaf litter	"	"	✓
Rotorua BP	Sep 71	♀	Negonax arboreum 75/196	R. Zondag	NZAC <del>JSTB</del>	✓
Little Barrier CL	3 Oct 75	♂	Rhopalostylis sapida litter	T.M. May	"NZAC DSR	✓
"	"	♀	"	"	"	✓
"	"	♀	"	"	"	✓
"	"	♀	Litter 75/194	"	"	✓
Nelson NN	7 Aug 67	♀	Sparrow's nest	-	"	✓
Little Barrier CL	11 Mar 74	♀	Litter 74/30	J.C.W.	"	✓
Nelson NN	3 July 67	♂	Blackbird's nest (last seasons)	D. Hughes	"	✓
"	"	♂	"	"	"	✓
Three Kings	23 Nov 70	♂	Litter 70/199	G. Kuschel	"	✓
"	"	♂	Litter 70/200	"	"	✓
Mercury Is CL	Nov 72	♀	Litter	G.W.R.	"	✓
Totoranui NN	6 May 67	♀	Fumagine fungus 67/197	F. Black	"	✓
Notunau I BP	14 Nov 72	♀	Litter 72/262 *	L. Moran	"	✓
Stephens I SD	Feb 71	♀	Nest 71/72	G.W.R.	"	✓
Alderman I CL	11 Nov 72	♂	Litter 72/197	G.W.R.	"	✓
Alderman CL	"	♀	"	"	"	✓
Te Pahi ND	7 Feb 75	♀	Litter 75/121	J.C.W.	"	✓
Te Pahi ND	"	♀	"	"	"	✓
Recling NN	27 Jul 67	♀	Fumagine fungus 67/223	J.S.D. J.T.	"	✓
Mercury I CL	23 Nov 72	♀	Litter 72/221	G.W.R.	"	✓
Notuotua I BP	11 Nov 72	♂	Litter 72/260	L.R. Moran	"	✓
Shakespeare SD Bay	21 Feb 73	♀	Litter 73/30	J.M.B.	"	✓
Alderman Is CL	11 Nov 72	♂	Litter 72/195	A. Whittaker	"	✓
Alder. CL	11 Nov 72	♀	"	"	"	✓
Jhema I CL	26 Nov 72	♀	Litter 72/235	G.W.R.	"	✓
Stephens I SD	Feb 71	♂	Litter 71/73	G.W.R.	"	✓
Stephens I SD	"	♀	"	"	"	✓
Jhenga I CL	27 Nov 72	♀	Litter 72/247	"	"	✓
Jhenga I CL	"	♀	"	"	"	✓
Nawhere BR	20 Sep 72	♀	Litter 72/171	J.S.D.	"	✓
Jhema I CL	26 Nov 72	♀	Litter 72/239	G.W.R.	"	✓



# Merothrips floriclavis

♀s found Feb, Mar, May, Jul, Aug, Sep, Nov,  
 ♂s found Feb, July, Oct, Nov, Dec,

Distribution: ND, CL, BP, Three Kings, / SD, NN, BR,

Code	Date	Sex	Host Plant	Collector	Deposit	Apterous / Mac
Rahmua BP	1 Aug 55	♀	On dying Neopanax arboreum	R. Zondag	NZAC DSLR	✓ HOLOTYPE
"	"	♀	"	"	"	PARATYPE
"	"	♀	"	"	"	"
"	"	♂	"	"	"	"
"	"	♀	"	"	"	"
"	"	♀	"	"	"	"
17K	1 Apr 77	♀	Grass litter	B.K. Woodhead	"	✓
17K	1 Apr 77	♀	"	"	"	✓
ND	7 Dec 67	♀	Rotten wood	K.P.T. Wise	AMNZ AK Mus	✓
BR	13 Sep 72	♀	<del>Cephaelis robusta</del>	"	"	✓
Stolices V	3 Aug 52	♀	Kanuka Bark	B. I. Howard	NMNZ Nat. Mus	✓
"	"	♀	"	"	"	✓
Bush Murphys	30 Aug 77	♀	Fungus + bark 77/101	J.C. Warden	NZAC DSLR	✓
"	"	♂	"	"	"	✓
Whaka...	1 Aug 55	♀s	<u>7 specimens</u> Dying Neopanax arboreum	R. Zondag	FRNZ FRI	✓ ✘
"	"	♂	"	"	"	✓
Three Kings	11 Dec 70	♀	Litter 70/237	GK	NZAC DSLR	✓
Kaitiaki Mearns For	24 Nov 72	♂	CL Litter 72/223	GWR	NZAC DSLR	✓
Wakatika Kauri	21 Jan 72	♂	ND Litter 72/57	GWR	"	✓
Kere Falls	20 Oct 79	♂	AK Liverwort + litter under Weinmannia	JSD	"	✓
Totaranui	7 May 67	♂	NN Litter 67/196	F. Alach	"	✓



①

Microlepidoptera as Monarchid

Locality	Code	Date	Sex	plant	Collector	Deposit	Apt	Mac
Little Barrier	CL	22 Feb 76	♀	Scrupy rush in field	TKC AKW	<del>TKC</del> NZAC		✓
Titirangi	AK	16 Jan 75	♀	x Chrysanthemum flours	N.A. M. M. M.	"		✓
"	AK	3 Feb 75	♀	x Tansey flower	"	"		✓
"	AK	16 Jan 75	♂	x Daisy flower	"	"		✓
"	AK	"	♀	"	"	"		✓
"	AK	"	♀	"	"	"		✓
"	AK	"	♀	"	"	"		✓



Parthenothrips arcaena Heeger

Locality	Code	Date	Sex	Host Plant	Collector	Inst.	Apt.	Mac.
Auckland	AK	4 Jun 39	♀	Passion fruit, Greenhouse	D. Spiller	NZAC DSIR		✓
"	"	"	♀	" "	"	"		✓
Tauranga	BP	26 Jun 35	♀	Passion fruit foliage	W. Cottier	"		✓
"	"	"	♀	" "	"	"		✓
Nelson	NN	13 Jan 76	♀	Indoor palm <sup>leaves</sup> Infestation on	A.K.W	"		✓
"	"	"	♂	"	"	"		✓
Tauranga	BP	26 Jun 35	♀	Passion fruit leaves	W. Cottier	"	pupa	✓
"	"	"	♀	"	"	"		✓
Levin	WN	20 Jul 75	♂	Ex Ornamental house plant	D. Davidson	PLNZ Levin		✓
"	"	"	♀	"	"	"		✓
"	"	"	♀	"	"	"		✓
"	"	"	♀	"	"	"		✓
Levin	WN	21 Jul 63	♀	Passion fruit	A. Ward	"		✓
"	"	28 Sep 63	♀	Queen st Reserve Corynocarpus laevigata	D.C. Manson	"		✓
Tauranga	BP	26 Jun 35	♀	Passion vine leaves	W. Cottier	PLNZ Levin		✓
Levin	WN	April 66	♀	House plant causing damage to leaves	R. Powell	PLNZ Levin		✓
Auckland	AK	16 July 77	♂♂	Spec. On indoor plant.	A.K. Wether	NZAC DSIR		✓
Auckland	AK	17 July 78	♀♀	Ex Palm <u>Howea belmoreana</u>	-	"		✓

*Pseudonapocryptus longipennis*  
Bagnall

Locality	Code	Date	Sex	Host plant	Collector	Deposit	Apt	Mac
Parles Farm	NN	26 Sep 72	♀	Sweep	N.A. Martin	<del>DSTR</del> NZAC		✓
"	NN	1 Feb 7?	♀	Sweep	"	Ret. BMNH		✓
"	NN	3 Oct 72	♀	"	"	Ret. BMNH		✓
L. Rotoiti	BR	24 Mar 77	♀	Sweep foliage red clover	A.K. Walker	<del>DSTR</del> NZAC		✓
"	"	"	♀	Sweep cocksfoot	"	"		✓
Little Barrier	CL	21 Feb 76	♀	Sweep coastal scrub	"	"		✓
Nelson	NN	4 Jan 72	♀	Sweep pasture	N.A. Martin	<del>DSTR</del> NZAC		✓
Waipara	MO GA	10 Feb 75	♀	alfalfa	P.P. Madsen	"		✓
Sherry Valley	NN	25 Mar 41	♀	Red Clover	-	"		✓
Mt Robert	BR	1463m 16 Jan 76	♀	On <i>Notothlaspi rosulatum</i> flowers	A.K.W.	<del>DSTR</del> NZAC		✓
Blenheim	MB	5 Jun 75	♀	Ex White Clover	C. Smith	"		✓
Johnson Pk 5300'	NN	13 Mar 69	♀	Mat plant 69/92	J.S.D.	"		✓
Dun Trade	NN	25 Mar 51	♀s	4 specimens <i>Gentiana corymbifera</i>	J.A. Yates	"		✓
"	"	"	♂	"	"	"		✓
Cobb Dam	NN	24 Dec 78	♀	<i>Hebe odora</i> flowers	A.K.W.	"		✓
Mt. Robert car park	BR	4 Feb 79	♀	3 specimens On grass & associated plants	A.K.W.	"		✓
" 4000'	"	"	♀	Bare of grass, north slope	A.K.W.	"		✓
" 3300	"	"	♀	2 sp In grass habitat	"	"		✓
"	"	"	♂	2 specimens In grass habitat	"	"		✓
" 3000	"	"	♀	2 specimens On yellow comp. str. grass habitat	"	"		✓
" 3000	"	"	♀	5 specimens <i>Beating Poa</i> sp.	"	"		✓
" 3,300'	"	"	♂	In grass habitat	"	"		✓
Lower Awatere	MB	7 Feb 79	♀	bare at Tuncus	A.K.W-S6 A.K.W+L.F.M.	"		✓
Wairau Valley	"	"	♀	flowering <i>lucerne</i>	A.K.W-S9	"		✓
Capleston	BR	6 Feb 79	♀	On young <i>Rabus</i>	A.K.W-47	"		✓
Black Birch Ra	MB	20 Feb 70	♀	Mats + Moss 70/133	G.K.	"		✓
Rocklands	CO	2-16 Jan 79	♀	Ex pit fall trap in <i>Jussaki</i>	B. Bannell	<del>DSTR</del> NZAC		✓
Mt. Altimorode <sup>1700m</sup>	MB	16 Feb 70	♀	Plants 70/120	G.K.	"		✓
Black Birch Ra 1450m	MB	13 Feb 70	♂	Litter 70/138	A.C. Eyles	"		✓
" 4500'	"	12 Feb 70	♀	In swamp	"	"		✓
"	"	"	♀	"	"	"		✓
"	"	"	♀	"	"	"		✓
"	"	"	♀	"	"	"		✓
"	"	"	♀	"	"	"		✓

(2)

*Pseudanuphthalmus achaetus*

4500' Black Birch Ra	MB	12 Feb 70	♀	In Swamp	P.C. Eyles	NZAC DSTR		
Mt. Altmarlocke	"	16 Feb 70	♂	mats 70/123	GK	"		✓
"	"	"	♀	"	"	"		✓
"	"	"	♀	mats 70/125	"	"		✓
" 5550'	"	"	♀	plants 70/121	"	"		✓
"	"	"	♀	"	"	"		✓
"	"	"	♀	"	"	"		✓
"	"	"	♀	"	"	"		✓
"	"	"	♀	"	"	"		✓
"	"	"	♀	"	"	"		✓
Black Birch Exp Sta	MB	20 Feb 70	♀	mats 70/131	GK	"		✓
"	"	"	♀	"	"	"		✓
"	"	"	♂	"	"	"		"
"	"	"	♂	"	"	"		"
"	"	"	♀	"	"	"		"
Otata Is, Noises	AK	1 Dec 79	♀	In moss	GK	"		✓
"	"	"	♀	"	"	"		✓
"	"	"	♀	"	"	"		✓
"	AK	"	♂	"	"	"		✓
"	"	"	♀	"	"	"		✓

Pseudanaphothrips annetteae

Mt. Robert track 3300'	BR	4 Jan 79	♀	In grass habitat	AKW-34	NZAC HOLOTYPE	mac
Mt Robert track 3300'	BR	4 Jan 79	♀	4 specimens In grass habitat	AKW-34	PARATYPE	mac
"	"	"	♂	"	"	"	✓
Mt Robert car park	"	"	♀	On grass + associated plants	AKW-31	"	✓
Black Birch Range	MB	20 Feb 70	♀	3 spec. Mats 70/130	GK	not para <del>ISIP</del> NZAC	mac
"	"	"	♀	"	"	"	mic
"	"	"	♂	"	"	"	mac
Black Birch Range	MB	20 Feb 70	♂	Mats 70/129	GK	NZAC ISIP	mac
Lindis Pass 971m	CO	11 Jan 71	♀	Litter 71/9	JSD	"	mac

Scirtothrips inermis

Locality	Code	date	sex	plant	Collector	Deposit	Apt	Mac
Henderson	AK	May 51	♀	X Lemon	E. Bray	NZAC DSLR		✓
"	AK	"	♀	larva	"	"		✓
"	AK	"	♀	"	"	"		✓
"	AK	"	♀	"	"	"		✓
"	AK	"	♀	"	"	"		✓
"	AK	"	♀	"	"	"		✓
"	AK	"	♀	"	"	"		✓
"	AK	"	♀	"	"	"		✓
Levin	WN	12 Mar 69	♀	Ex peach trees	S. Meddings	PLNZ Levin		✓
Stephens Island Riamahuanui I	SD	Feb 71	♂	Litter 71/73 4 specimens	GWR	NZAC DSLR		✓
Alderman Islands	CL	16 Nov 72	♀	Litter 72/205	GWR	"		✓
Northcote	AK	11 Feb 63	♀	X Begonia tuber hybrid 10 specimens in glasshouse	DofA	NZAC DSLR		✓

71/73 Slightly damp Macropiper, Melicytus and Myoporum litter - unsorted  
 72/205 Macropiper, Melicytus litter

① Scirtothrips pan

						NZAC DSTR	Mac
Whungamua Saddle	NN	27 Jan 79	♀	Weinmannia	CAM 1356	Holotype	✓
"	"	"	♀	"	"	Paratype	✓
Capleston	BR	6 Feb 79	♂	5 specimens leaves On young Rubus cissoides	AKW 47	"	✓
"	"	"	♀	8 specimens "	"	"	✓
Tennyson Inlet	SD	28 Jan 79	♀	On branchest foliage	AKW-6	"	✓
"	"	"	♂	"	"	"	✓
Upper Riwaka Valley	NN	30 Jan 79	♀	Rubus cissoides leaves 2 specimens On young	AKW-15	"	✓
Canaan Saddle	NN	30 Jan 79	♀	On Nothofagus menziesii seedlings	AKW-18	"	✓
Whungamua Saddle	NN	27/3 Feb 79	♀	2 specimens pan trap in Nothofagus forest	AKW	"	✓
Dun Mt track	NN	29 Jan 79	♂	On Weinmannia racemosa foliage	AKW-7	"	✓
"	"	"	♀	"	"	"	✓
Whungamua Saddle	NN	27 Jan 79	♀	On Nothofagus leaves	AKW	"	✓
"	"	27 Jan / 3 Feb 79	♂	Malaise trap in Nothofagus forest	LAM	"	✓
"	"	"	♀	"	"	"	✓
Upper Riwaka V	NN	30 Jan 79	♀	On Coprosma rotundifolia leaves foliage	CAM-1377 AKW-16	"	✓
Dun Mt track	NN	29 Jan 79	♀	On Weinmannia racemosa foliage	AKW-7	"	✓
Third House, Dun Mt track	NN	29 Jan 79	♀	Bare of lvs + seeds 2 specimens foliage	AKW-13	"	✓
Dun Mt track	NN	29 Jan 79	♀	On Weinmannia racemosa foliage	AKW-7	"	✓
Upper Riwaka Valley	NN	30 Jan 79	♂	5 specimens leaves On young Rubus cissoides	AKW-15	"	✓
"	"	"	♀	3 specimens "	"	"	✓
Capleston	BR	6 Feb 79	♀	7 specimens leaves On young Rubus cissoides	AKW-47	"	✓
Totara Res	RI	4 Jan 75	♀	4 specimens Litter 75/28	JCW	"	✓
"	"	"	♂	"	"	"	✓
Waikamoana	GTB	17 Jan 72	♀	Litter 72/18	GWR	"	✓
Flowers etc, Capleston	BR	12 Nov 71	♂	2 specimens Litter 71/150	JCW	NZAC DSTR	✓
Mawhera State Forest	BR	16 Nov 71	♂	Litter 71/144	JM <sup>o</sup> B	"	✓
"	"	"	♀	"	"	"	✓
Capleston	BR	6 Feb 79	♀	On young Rubus cissoides leaves	AKW-47	"	✓
Tawhai State Forest	BR	9 Nov 71	♀	Fungus 71/151	JCW	"	✓
"	"	"	♂	2 specimens "	"	"	✓
Parks Farm	NN	24 Oct 72	♂	Sweeping <del>at dusk</del>	N.A. Martin	"	✓
Totara Res	RI	4 Jan 75	♂	Litter 75/27	JCW	"	✓

Scirtothrips pan

Mae

Maruia Saddle	BR	6 Feb 79	♀	<i>Rubus cissoides</i> leaves 7 specimens . On young	Akw-50	NZAC DSHR	✓
"	"	"	♂	5 specimens "	"	"	✓
Reelmans Ck	BR	20 Apr 72	♂	Litter 72/150	JCW	"	✓
-	-	1 Oct 63	♀	Bush lawyer	DCM Mason	PLNZ Gouira	✓
Ship Cove	SD	30 Nov 72	♀	Litter 72/273	JSD	NZAC DSHR	✓
Fletchers Ck	BR	9 Nov 71	♀	Litter 71/138	JSD	"	✓
Great Barrier I	CL	26 Apr 80	♂	4 specimens <i>australis</i> leaves young growing tips of <i>Rubus</i>	Akw-117	NZAC DSHR	✓
"	"	"	♀	5 specimens "	"	"	✓
Great Barrier I	CL	26 Apr 80	♀	5 specimens On growing tips of <i>Rubus cissoides</i>	Akw-116	"	✓
"	"	"	♂	"	"	"	✓



Diagnosis

Locality	Code	Date	Sex	Host Plant	Collector	Deposit	Apt.	Mac
Shakespeare B	SD	11 Aug 69	♀	Litter 69/146	J. MCBurney	NZAC DSIR		✓
Riverhead	AK	15 July 75	♀	X Coprosma australis	N.A. Martine	"		✓
Shulke B-	SD	11 Aug 69	♀	Litter 69/146	J. MCB	"		✓
Waikawa Dummys Beach	SL	13 Feb 68	♀	Litter 68/26	JIT	"		✓
Nangamuka	ND	21 Jan 72	♀	" 72/61	G.W.R.	"		✓
Kenepuru	SD	13 Mar 70	♀	Moss 70/140	JIT	"		✓
Wakamurina	MB	10 Feb 67	♀	Moss + lichen 67/79	JIT	"		✓
"	"	"	♀	"	"	"		✓
Riverhead	AK	25 July 75	♀	Coprosma australis	N.A. Martine	"		✓
Wakamurina	MB	10 Feb 67	♀	Moss + lichen 67/79	JIT	"		✓
"	"	10 Feb 67	♀	Moss 67/78	J.I.T	"		✓
"	"	"	♀	Moss "	"	"		✓
Levin	WN	31 Aug 66	♀	Geniostoma sp	J. Prichard	PLNZ Levin		✓
"	"	19 Feb 67	♀	Coprosma australis	A. Ward	"	paratype	✓
"	"	"	♀	"	"	"	"	✓
"	"	"	♀	"	"	"	"	✓
"	"	"	♀	"	"	"	"	✓
"	"	"	♀	"	"	"	"	✓
"	"	21 Aug 66	♀	Geniostoma ligustrifolia	"	"	"	✓
Vainuiomata	WN	19 Oct 69	♀	Leafmould	R.G. Orchard	NMNZ Hortus		✓
Reefton	BR	17 Apr 72	♀	Litter 72/146	J.S.D	NZAC DSIR		✓
3 Kings		23 Nov 70	♀	Moss 70/205	GK	"		✓
Hunua	WO	30 Mar 74	♀	Sifted litter 74/19	GK	"		✓
3 Kings		24 Nov 70	♀	Moss 70/209	GK	"		✓
"		23 Nov 70	♀	Litter 70/200	GK	"		✓
Tapamui Forest Obago	SL	13 Sep 68	♀	Litter 68/131	JCW	"		✓
Mawhera	BR	27 Jan 72	♀	Litter 72/86	JSD	"		✓
Wakefield	NN	19 Sep 64	♀	Litter 64/77	JIT	"		✓
Mawhera	BR	27 Jan 72	♀	" 72/86	JSD	"		✓
Reefton	BR	28 Jan 72	♀	Litter + Moss 72/77	J MCB	"		✓
"	BR	3 Nov 71	♀	" 71/136	J MCB	"		✓
Ship Cove	SD	29 Nov 72	♀	" 72/265	J MCB	"		✓
West Haven	NN	2 Mar 70	♀	" 70/117	JSD	"		✓

(4)

Sigmoctripis coprosmae

Locality	Code	Date	Sex	Host Plant	Collector	Deposit	Mpt.	Mac
Mohaka R	GB/HS	16 Jan 72	♀	Litter 72/13	GWR	NZAC <del>DS 12</del>		✓
Mauhera	BR	8 Mar 72	♀	" 72/116	JSD	"		✓
Mercury Is	CL	24 Nov 72	♀	" 72/229	GWR	"		✓
Fletchers ck	BR	7 Mar 72	♀	" 72/118	J. McCB	"		✓
Mercury Is	CL	24 Nov 72	♀	" 72/229	GWR	"		✓
Shakespeare B	SD	21 Feb 73	♀	" 73/30	J. McCB	"		✓
Capleston	BR	28 Jan 72	♀	" 72/73	JCW	"		✓
Tawhai SF	BR	6 Mar 72	♀	" 72/121	JSD	"		✓
Mauhera	BR	27 Jan 72	♀	" 72/84	J. McCB	"		✓
"	BR	17 Jul 72	♀	" 72/164	JSD	"		✓
Hunua	WO	30 Mar 74	♀	" 74/22	JCW	"		✓
Eves V	WN	20 Oct 71	♀	" 71/122	GWR	"		✓
Hunua	WO	30 Mar 74	♀	" 74/22	JCW	"		✓
Stanley Brook	NN	11 Oct 63	♀	" 63/27	JIT	"		✓
Flagstaff	BR	20 Sep 72	♀	Moss + litter 72/174	JSD	"		✓
Wairoa Gor	NN	20 Oct 71	♀	Litter 71/121	GWR	"		✓
Hunua	WO	30 Mar 74	♀	" 74/20	GK	"		✓
Taparua SF Ottago Blad Gully	SL	13 Sep 68	♀	" 68/131	JCW	"		✓ 41
Mauhera	BR	27 Jan 72	♀	" 72/98	JSD	"		✓
Reefton	BR	28 Jan 72	♀	" 72/76	J. McCB	"		✓
Whangamoa Sd	NN	12 Aug 65	♀	Moss 65/410	AKW	"		✓
Onamalutu Don	MB	12 Apr 65	♀	Litter 65/139	N.B. Walker	"		✓
Maketu Strm	AK	28 Dec 72	♀	" 73/4 (6)	B.M. May	"		✓ 4
Wakamarina	MB	10 Feb 67	♀	Moss 67/79	JIT	"		✓
Levin	WN	21 Aug 66	♀	Coprosma australis	B. Ward	✓ " Holotype		✓
Riverhead	AK	25 July 75	♀	Ex Coprosma australis	N.A. Mackinnon	Ret. BMNH		✓
Greywacke	BR	12 Sep 72	♀	Ex Coprosma robusta	K.J.A. Wilson	AMNZ Ret. BMNH		✓
Levin	WN	29 Mar 66	♀	Coprosma sp	A. Ward	PLNZ Levin		✓
Wainuiomata	"	19 Apr 54	♀	X Leafmould	B.A. Holloway	NMNZ Nat. Hist.		✓
Levin	WN	19 Feb 67	♀	Coprosma australis	A. Ward	PLNZ Levin		✓
Wattle Bay	AK	5 Mar 77	♀	Stream bed	G. Kuschel	NZAC DSR		✓
"	"	24 Feb 77	♀	Sweeping mainly Carex sp.	B.A. Holloway	"		✓
Kirikiri Saddle	CL	21 Oct 76	♀	Litter 76/81	J.S. Dugdale	"		✓

(3)

Signotwrips aotearona

							Apt	Mac
Tikitiki Strm	BP	24 Jul 76	♀	Litter 76/46	JSD	NZAC DSLIR		✓
Whakarewarewa	BP	18 June 65	♀	<i>Pseudotsuga menziesii</i> leaf miner PARATYPE	R. Zondag	FRNZ ERT		✓
Blue Lake, Rotorua	BP	30 Jan 58	♀	<i>Geniostoma</i> sp	TSD	FRNZ ERT		✓
Upper Ruwaha Valley	NN	30 Jan 79	♀	On <i>C. rotundifolia</i> leaves	LAAM-T37 AKW-16	NZAC DSLIR		✓
"	"	"	♀	damage to <i>Fuchsia exorticala</i>	AKW-17	"		✓
Kaihoka Lakes	"	1 Feb 79	♀	dead Nikaau frond on tree	AKW-24	"		✓
Flagstaff B. Res	BR	13 Jul 72	♀	Litter 72/165	JSD	"		✓
Brook Street Res	NN	29 Jan 79	♂s	Seedlings <i>arborea</i> 3 spec. Damage to <i>Hedyocarya</i>	AKW/LAM	"		✓
Tennyson Inlet	SD	28 Jan 79	♂s	4 spec On branches + foliage	AKW	"		✓
Whangamoa Saddle	NN	27 Jan 79	♂s	7 spec On <i>Coprosma</i> + <i>G. kelimie</i> leaves	AKW	"		✓
Tikitiki Strm	BP	24 Jul 76	♀	Litter 76/49	JSD	NZAC DSLIR		✓
Wattle Bay	AK	10 Mar 79	♀	pan trap in bush	GK	"		✓
Ponga Bush	AK	4 Jan 73	♀	Litter 73/1	B.M. May	"		✓
Kawatiri	BR	25 Aug 64	♀	Litter 64/82	JIT	"		✓
"	"	"	♀	"	"	"		✓
Whangamoa Sdl	NN	27 Jan 79	♀	pan trap in <i>Nothofagus</i> forest	AKW	"		✓
Okere Falls	BP	28 Dec 78	♀	x <i>Geniostoma ligustifolium</i>	JSD	"		✓
"	"	"	♀	"	"	"		✓
Wai-punga Falls	TO	14 Sep 72	♀	Litter 72/9	GWR	"		✓
Mt. Horokaka SSM	ND	16 Aug 77	♀	Litter 77/97	JSD	"		✓

*Thrips austreus*

Lynfield	AK	13 Mar 77	♀	under rotten Acacia stump	GK	HOLOTYPE <del>DS/NZAK</del>	mac
Pureora Seenic Res	TO	12 Oct 79	♀	Clematis quadribracteolata feeding in flower stamen of	JSD	<del>DS/NZAK</del>	✓
"	"	"	♀	"	"	"	✓

*Thrips coprosmae*

MAC

Purakaitai		12 Sep 72	♀	Coprosma	-	HOLOTYPE <del>DSIR NZAC</del>
Papaikanga	WN	11 Nov 65	♀	Wineberry flowers	A. Ward	Paratype <del>MAZ</del> PLNZ
Takake Valley	FD	6 Dec 72	♀	Beating Coprosma	AC. Eyles	Paratype <del>DSIR NZAC</del>
Mt. Altimontoch	MB	17 Feb 70	♀	moat mats 70/127	GK	"
Alderman Is	CL	13 Nov 72	♀	beating plants	GWR	"
Grandview Pk 1433m	CO	12 Jan 71	♀	Swards 71/12	JSD	"
"	"	"	♀	"	"	"
Tauhau State Forest	BR	6 Mar 72	♂	Litter 72/121	JSD	"
Mercury Is Stanley I	CL	23 Nov 72	♀	Metrosideros etc	GWR	"
Scotts Riv. Aspiring NP	OL	20 Feb 80	♀	On small leaf-coprosma leaves	AKW-114	"
"	"	"	♀	"	"	"
Upper Riwaka V.	NN	30 Jan 79	♀	On Coprosma rotundifolia leaves	LAM-1377 AKW-16	"
"	"	"	♀	"	"	"
"	"	"	♀	"	"	"
"	"	"	♀	"	"	"
"	"	"	♀	"	"	"
"	"	"	♀	"	"	"
"	"	"	♀	"	"	"
"	"	"	♀	"	"	"
"	"	"	♀	"	"	"
"	"	"	♀	"	"	"
"	"	"	♀	"	"	"
"	"	"	♀	"	"	"
"	"	"	♀	"	"	"
"	"	"	♀	"	"	"

Thrips nigropilosus  
Uzel

Locality	code	date	sex	plant	collector	deposit	Apt	Mac
Gore	SL	2 May 68	♀	Turf 68/102 <i>between tussocks of Chionochloa on peat, comprising Schoenus, moss, corkshrub, fog, brown top</i>	J.C. Wray	NZAC DSUB		✓
Waipori	CO	5-19 Dec 78	♀	pit fall trap in tussock (B)	B. P. Barrett	"		✓
Fletchers CK	BR	19 Sep 72	♀	Moss 72/176	J. C. Wray	"		✓
Whanganua	NN	27 Jan 79	♀	Malaise trap in <i>Notkopsagus forest</i>	AKWZLAM	"		✓

Thrips obscuratus

(Crawford)

Locality	Code	date	Sex	Plant	Collector	deposit	Apr.	May
Pelorus Bridge	MB	17 Sep 72	♀	Coprosma	-	AMNZ ACOLUS		✓
Greymouth	BR	12 Sep 72	♂	Ulex europaeus (gorse)	-	"		✓
Titirangi	17K	16 Jan 75	♀	x Chrysanthemum flowers	N.A. Martin	NZAC DSUR		✓
"	17K	"	♀	"	"	"		✓
"	17L	"	♀	"	"	"		✓
Levin	WN	16 Dec 71	♀	Carnations	H. Gordon	PLNZ GARDN		✓
"	"	"	♀	"	"	"		✓
Levin	WI	14 Feb 73	♀	On peach tree	T. Barley	"		✓
"	"	"	♀	"	"	"		✓
"	"	"	♀	"	"	"		✓
"	"	16 Dec 71	♀	Carnations	H. Gordon	"		✓
			♀	S.P. 18.7 364 Pt Grasslands Survey	R.A. Crawford	NZAC DSUR		✓
			♀	Fodder Crop T13	A.C. Eyles	"		✓
Invercargill	SL	17 Mar 77	♀	Sweep. Trifolium pratense in wasteland	A.K. Wardlaw	"		✓
"	"	14 Mar 77	♀	On flowers & foliage of Dianthus	"	"		✓
"	"	16 Mar 77	♀	Beating Prunus tree foliage	"	"		✓
"	"	14 Mar 77	♀	On Marigold flowers & foliage	"	"		✓
"	"	"	♀	"	"	"		✓
"	"	15 Mar 77	♀	Sweep. flowering carrot <sup>Daucus carota</sup>	"	"		✓
"	"	"	♀	Beating rushes (Juncus sp) in <sup>padlock</sup>	"	"		✓
"	"	"	♀	Beating broom (Cytisus scoparius) <sup>foliage</sup>	"	"		✓
"	"	"	♀	In seeding gorse (Ulex europaeus)	"	"		✓
"	"	"	♀	Beating broom foliage	"	"		✓
"	"	14 Mar 77	♀	On marigold flowers & foliage	"	"		✓
"	"	17 Mar 77	♂	Sweep flowering californian thistle <sup>Cirsium arvense</sup>	"	"		✓
"	"	"	♀	" seeding cocksfoot	"	"		✓
"	"	"	♀	"	"	"		✓
"	"	"	♀	Beating oak foliage	"	"		✓
"	"	14 Mar 77	♀	On dahlia flowers	"	"		✓
"	"	16 "	♀	Beating native hush	"	"		✓
"	"	"	♀	"	"	"		✓
"	"	15 "	♀	Sweep flowering Daucus carota	"	"		✓
"	"	17 "	♀	Beating flowering Polygonum persicaria	"	"		✓

Locality	Code	date	sex	plant	Collector	depos	Dept	Mae
Invercargill	SL	17 Mar 77	♀	Beating flowering Polygonum persicaria	W.K. Dallas	NZAC		✓
"	"	15 "	♀	" Acytisus scoparius foliage	"	"		✓
"	"	14 "	♀	On Dahlia flowers	"	"		✓
"	"	15 "	♂	Sweep. brown tops, meadow for tail	"	"		✓
"	"	16 "	♀	Beating Nothofagus solandri	"	"		✓
"	"	17 "	♀	Seeding Spartina sp	"	"		✓
"	"	"	♀	"	"	"		✓
Lake Rotoiti	"	24 Mar 77	♀	Sweeping reed clover foliage	"	"		✓
"	"	"	♂	"	"	"		✓
"	"	"	♀	Sweep. flowers of Daucus carota	"	"		✓
Lee Valley	NN	22 Mar 77	♀	Beating Verboscum thapsus	"	"		✓
"	"	"	♀	Beating old mans beard	"	"		✓
"	"	"	♀	"	"	"		✓
Cass Peak	MC	24 Nov 76	♀	In Gorse flowers	D.L. Gagnor	"		✓
"	"	"	♀	"	"	"		✓
Auckland	AK	Oct 1934	♂	x Citrus	W.K. Dallas	"		✓
Sherry Valley	NN	25 Mar 41	♀	Red clover	-	"		✓
"	"	"	♀	"	-	"		✓
Chatham	-	11-19 Feb 67	♀	Beating	Crowford	"		✓
"	-	25 Feb 67	♀	Marram grass	EW Underwood	"		✓
Woodhill	AK	19 Jan 76	♀	Sweep. Zea mays	R. L. TAMM	"		✓
Karekare	AK	21 Nov 76	♀	Beating manuka	AKW	"		✓
Gisborne	GB	26 Nov 34	♀	Lemon	W.K. Dallas	"		✓
Gisborne	GB	"	♀	"	"	"		✓
Nelson	NN	21 Dec 32	♀♀	2 specimens Peaches	Thorpe	"		✓
Palmerston Nth	WI	3 Nov 34	♀	Hazel nut tree	D. Todd	"		✓
"	WI	15 Nov 34	♀	Lupin	"	"		✓
Tauranga	BP	30 Nov 34	♀	Lemon	Dallas	"		✓
"	"	"	♀	"	"	"		✓
Sebastopol	MK	6 Feb 77	♂♂	Alpine flowers	AKW	"		✓
Lumsden	SL	2 Jan 77	♂	Blackberry flowers	T.K. Crowford	"		✓
"	"	"	♂	On Daucus carota flowers	"	"		✓
"	"	"	♂	"	"	"		✓



(Crawford)

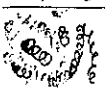
Locality	Code	date	Sex	plant	Collector	deposit	Apt	Mac
Lumsden	SL	2 Jan 77	♂	On <i>Daucus carota</i> flowers	T.K. Crawford	NZAC DSR		✓
"	"	"	♂	"	"	"		✓
"	"	"	♂	On broom <i>Cytisus</i> flowers	"	"		✓
"	"	"	♂	"	"	"		✓
Mt. Sebastopol	MK	6 Feb 77	♀	In alpine flowers mainly <i>Hebe</i>	A.K.W.	"		✓
Pukaki	MK	17 Jan 77	♀	On <i>Daucus carota</i> flowers	T.K. Crawford	"		✓
Levin	WN	4 Feb 65	♀	<i>Acacia</i>	P. Ward	"		✓
Pukaki	MK	17 Jan 77	♀	On <i>Daucus carota</i> flowers	T.K. Crawford	"		✓
Lumsden	SL	2 Jan 77	♀	On <i>Rubus fruticosus</i> flowers	"	"		✓
Woodhill	BK	6 Jan 77	♀	Sweep over pasture	D.J. Hillan	"		✓
C. Foulwind	BR	29 Oct 70	♀	Beaten <i>Gorse</i>	Ent Dept	LCNZ Kusler		✓
"	"	"	♀	"	"	"		✓
Lincoln College	MC	Feb 61	♀	Thrips from <i>Roses</i>	"	"		✓
"	"	"	♀	"	"	"		✓
Chch	MC	2 Feb 64	♀	On peach fruit + foliage	R.A. Harrison	"		✓
Karori	WN	16 Dec 35	♀	x Cabbage tree	J.T. Salmon	NMNZ Kusler		✓
Little Barrier	CL	23 Nov 54	♀	On <i>Freyinetia</i> flowers	G.W. Rossignol	"		✓
Ngauio Hills	WN	7 Dec 41	♀	On wild spaniard	J.T. Salmon	"		✓
Cape Foulwind	BR	29 Oct 70	♀	Swept rushes in estuary	Ent Dept	LCNZ Kusler		✓
"	"	"	♂	Beaten <i>Gorse</i>	"	"		✓
"	"	"	♀	Swept grasses	"	"		✓
"	"	"	♂	"	"	"		✓
Sumner	MC	6 Dec 60	♀	Flower heads	B. Molloy	"		✓
Lincoln College	MC	19 Mar 67	♀	Ex lucerne	R. Watson	"		✓
"	"	Feb 61	♀	Roses	Ent. Dept	"		✓
Te Pahi	ND	1 Dec 60	♀	Beaten from <i>Manuka</i>	B.D. Harrison N.A. Whelan	NMNZ N.A. Whelan		✓
-	-	22 Dec 29	♀	From lavender flowers	A. Castle	"		✓
Invercargill	SL	17 Mar 77	♂	flowering <i>Cirsium arvense</i>	A.K.W.	NZAC DSR		✓
"	"	16 "	♀	Beat. <i>Notofagus solandri</i>	"	"		✓
"	"	15 "	♀	Sweep flowering <i>Senecio jacobaea</i>	"	"		✓
"	"	14 "	♀	On <i>Pittosporum tenuifolium</i> <sup>pratense</sup>	"	"		✓
"	"	"	♀	Sweep. <i>Agrostis tenuis</i> + <i>Trifolium</i>	"	"		✓
"	"	"	♂	<i>Luculia gratissima</i> flowers	"	"		✓

Locality	code	date	sex	plant	collector	deposit	Ppt.	Ma
Invercargill	SL	14 Mar 77	♂	Luculia gratissima flowers	AKW	NZAC <del>DSNB</del>		✓
"	"	"	♂	"	"	"		✓
"	"	"	♂	"	"	"		✓
"	"	17 Mar 77	♀	bare at Agrostis tenuis	"	"		✓
"	"	18 "	♀	Beat. native tussock	"	"		✓
Hastings	HB	11 Nov 32	♀	Rose	Adamsen	"		✓
Nelson	NN	21 Dec 32	♀s	2 spec. Peaches	Thorpe	"		✓
Little Barrier	CL	4 Oct 75	♂	Litter 75/197	B.M. Mayn	"		✓
MT Egmont	TK	27 Mar 51	♀	x <i>Notopanax simplex</i>	J. Dingley	"		✓
Auckland	AK	12 Jan 52	♀	On peaches	Harrison	"		✓
Titirangi	AK	16 Jan 75	♀	x <i>Chrysanthemum</i>	N.A. Maxwell	"		✓
Gisborne	GB	8 Feb 72	♀	x peach fruit	K.P. Lamb	"		✓
Auckland	AK	1952	♀	x "	E. Bray	"		✓
Oratia	"	5 Feb 44	♀	"	D. Spiller	"		✓
"	"	18 Dec 53	♀	x flowers NZ Grapefruit	Dof A	"		✓
Ihuapai	-	Nov 53	♀	x NZ Grapefruit	K. Warren	"		✓
"	-	"	♀	" flowers	Thackeray	"		✓
-	-	-	♂	Tobacco	Parker	"		✓
-	-	-	♀	"	Thorns	"		✓
-	-	-	♀	"	"	"		✓
Nelson	NN	-	♀s	7 specimens Bait traps on apples	LJD	"		✓
Levin	WN	6 Mar 67	♀	Ex Peach	Pritchard	PLNZ <del>Levin</del>		✓
"	"	26 Feb 67	♀	<i>Melrosideros robusta</i>	A. Ward	"		✓
"	"	"	♀	Hebe flowers	"	"		✓
"	"	"	♀	"	"	"		✓
Sebastopol	MK	6 Feb 77	♀	Alpine flowers	AKW	NZAC <del>DSNB</del>		✓
Invercargill	SL	14 Mar 77	♀	<i>Luculia gratissima</i>	"	"		✓
"	"	17 "	♀	Sweep. under <i>Juncus</i> sp	"	"		✓
"	"	"	♀	"	"	"		✓
"	"	18 "	♀	Beating native tussock	"	"		✓
"	"	17 "	♀	Beat. lupin foliage ( <i>Lupinus arboreus</i> )	"	"		✓
Karekare	AK	21 Nov 76	♀	Beating manuka	"	"		✓
"	"	"	♀	"	"	"		✓

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Thrips obscuratus (Crawford)

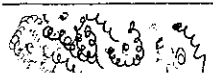
Locality	Code	date	Sex	plant	Collector	deposit	Apt	Mar
Chatham Is	-	11 Jan 76	♀	low fertility grass	Maofature	JS112		✓
"	-	11 Feb 67	♀	Roadside grass	-	"		✓
Riverlea	AK	16 Nov 76	♀	x Chinese gooseberry flowers	Barradojn	"		✓
SE Island Chathams		3 Nov 70	♀	Beating general	JIT	"		✓
Karekare	AK	21 Nov 76	♀	On lupin flowers	AKW	"		✓
"	"	"	♀	"	"	"		✓
"	"	"	♀	"	"	"		✓
"	"	"	♂	"	"	"		✓
Woodhill	AK	19 Jan 76	♀	Sweep ryegrass/ clover pasture	RL Hill	"		✓
Rangriri	WO	23 Feb 76	♀	Sweep Zea mays rugosa	"	"		✓
Karekare	AK	3 Oct 76	♀	Sweep. lupin	AKW	"		✓
3 Kings	-	23 Nov 70	♂	Ex Daphnys flowers	GWR	"		✓
"	-	"	♀	"	"	"		✓
"	"	Nov 70	♀	-	"	"		✓
"	"	22 Nov 70	♀	Litter 70/198	F. Chino	"		✓
"	"	Nov 70	♀	-	GWR	"		✓
Invercargill	SL	17 Mar 77	♀	Sweep flowering <sup>Tri. pratense</sup> red clover in wasteland	AKW	"		✓
Three Kings	-	1 Dec 70	♀	Litter 70/241	J.C. Watt	"		✓
Chathams		4 Mar 67	♀	Ryegrass pasture	Valentin	"		✓
Onehunga	AK	20 Apr 41	♀	x Roses	Kelsey	"		✓
Titirangi	AK	12 Aug 51	♂	x Vitex lucens flowers	E. Bray	"		✓
"	"	"	♂	"	"	"		✓
"	"	"	♀	"	"	"		✓
"	"	"	♀	"	"	"		✓
Huapai	AK	1953	♀	x Ward	E. Bray	"		✓
"	"	"	♀	"	"	"		✓
Raglan	WO	Nov 51	♀	x Pasture	K.P. Lamb	"		✓
Coppermine I	ND	29 Oct 68	♀	Swept shore vegetation	J.C. Watt	"		✓
Porter's Pass	NC	-	♀	x <i>Celmisia spectabilis</i> <sup>3,100'</sup>	B. Givn	"		✓
Lincoln	MC	Feb 68	♀	x Toe toe	Bot. Div	"		✓
Omahuta SF	ND	7-10 Oct 76	♀	Malaise Trap	TSD	"		✓
"	"	"	♀	"	"	"		✓
Nelson	NN	2 Dec 32	♀'s	2 specimens, Reaches	Thorpe	"		✓



(6)

*Thrips obscuratus* (Crawford)

Locality	Code	date	sex	plant	Collect.	dep.	Apt	Moe.
Nelson	NN	20 Oct 32	♂/♀	2 specimens Fruit blossom	Taylor	NZAC		✓
Palmerston Nth	WI	21 Feb 57	♀	7 specimens x Nectarine	-	"		✓
Blenheim	MTS	14 Nov 51	♀	x White clover	J.S. Timlin	"		✓
"	"	"	♀	"	"	"		✓
Waiti Valley	NN	18 Dec 51	♂/♀	3 specimens Ex Flannel leaf	"	"		✓
Tauranga	BP	-	♀	Citrus	-	"		✓
"	"	"	♀	"	-	"		✓
Palmerston Nth	WI	15 Nov 34	♀	Lupin	D. Todd	"		✓
Tauranga	BP	30 Nov 34	♀	Lemon	Dallas	"		✓
Palmerston Nth	WI	3 Nov 34	♀	Cherry	D Todd	"		✓
"	"	15 Nov 34	♀	Tetolci tree	"	"		✓
"	"	7 Nov 34	♀	Anemone	"	"		✓
"	"	9 Nov 34	♀	Clover	"	"		✓
<del>"</del>	<del>"</del>	<del>2 Nov 34</del>	<del>♀</del>	<del>Lucerne</del>	<del>"</del>	<del>"</del>		<del>✓</del>
Stephens Is	SD	1 Dec 53	♀	base Nikau palm	B. D. H. Wray	NMNZ		✓
-	-	-	♂/♀	4 specimens Magnolia	-	PCNZ		✓
-	-	-	♀	White Clover	-	"		✓
-	-	-	♀	-	-	"		✓
✓ Levin	WN	4 Nov 65	♀	Lilac	Pritchard	PLNZ		✓
✓ "	"	"	♂	Acacia verticillata	"	"		✓
Tapawera	NN	10 Nov 64	♀	Raspberry	Harrel	"		✓
✓ Levin	WN	4 Nov 65	♀	Acacia verticillata	Pritchard	"		✓
✓ "	"	"	♂/♀	Horse chestnut ( <i>Aesculus</i> sp)	A. Ward	"		✓
Tapawera	NN	10 Nov 64	♀	Raspberry	Harrel	"		✓
Kirkliston Range	MA/sc	22 Jan 66	♀	<i>Aciphylla aurea</i> 3500'	JIT	NZAC		✓
Nelson	NN	13 Apr 66	♀	Broom sweep	A.C. Eyles	"		✓
Mt. Sebastopol	MK	8 Jan 66	♀	Grass + brushes sweep	A.C. Eyles	"		✓
Codfish I	SI	16 Nov 61	♀	Kamahi dominant forest litter	JIT	"		✓
Tiirangi	AK	15 Jan 75	♂	Compositae flowers	N.A. Mackinnon	"		✓
"	"	16 Jan 75	♀	Chrysanthum flowers	"	"		✓
"	"	"	♀	"	"	"		✓
"	"	3 Feb 75	♀	Tansy Flower	"	"		✓
"	"	10 Feb 75	♀	Peach Fruit	"	"		✓



Locality	Code	date	sex	plant	Collector	dep	Apt	Misc
Nelson	NN	18 Sep 71	♀	Sweeping pasture	N A Mappin	NZAC		✓
"	"	28 Sep 71	♀	Emergence Trap in pasture	"	"		✓
"	"	22 Jun 71	♀	Sweeping	"	"		✓
"	"	8 Jan 71	♀	Turf sample 55	"	"		✓
"	"	18 Feb 71	♀	Turf sample	"	"		✓
"	"	"	♀	"	"	"		✓
"	"	20 Oct 70	♀	-	"	"		✓
"	"	4 Jan 72	♀	Sweeping pasture	"	"		✓
"	"	7 Dec 71	♀	"	"	"		✓
"	"	"	♀	"	"	"		✓
"	"	"	♀	"	"	"		✓
"	"	"	♀♀	" 2 specimens	"	"		✓
"	"	30 Nov 71	♀♀	" 2 specimens	"	"		✓
"	"	19 Oct 71	♀	Suction Collector	"	"		✓
"	"	23 Nov 71	♀	Sweeping pasture	"	"		✓
"	"	19 Jun 71	♀	Emergence Trap	"	"		✓
"	"	"	♀	Sweeping pasture	"	"		✓
"	"	✓ 30 Nov 71	♀	" 3 specimens	"	"		✓
"	"	✓ 30 "	♀	" 2 specimens	"	"		✓
"	"	✓ "	♀	" 3 "	"	"		✓
"	"	✓ 23 Nov 71	♀	" 1 "	"	"		✓
"	"	✓ "	♀	" "	"	"		✓
"	"	✓ 11 Jan 72	♀	"	"	"		✓
"	"	✓ 23 Nov 71	♀	" 2 specimens	"	"		✓
"	"	✓ "	♀	"	"	"		✓
"	"	✓ 2 Nov 71	♀	"	"	"		✓
"	"	✓ 26 Oct 71	♀	"	"	"		✓
"	"	✓ 30 Nov 71	♀	" 2 specimens	"	"		✓
"	"	✓ "	♀	" "	"	"		✓
"	"	✓ 24 Oct 72	♀	"	"	"		✓
"	"	✓ 23 Nov 71	♀	" 2 specimens	"	"		✓
"	"	✓ "	♀	" "	"	"		✓
"	"	✓ 9 Nov 71	♀	Turf sample 59	"	"		✓

8 *Thrips obscuratus* (Crawford)

Locality	Code	date	Sex	plant	Collector	dep.	Apt	Mat
Nelson	NN	✓ 31 Oct 72	♀s	Sweeping pasture	4 specimens	N.P. MANN	NZAC D/SNZ	✓
"	"	✓ "	♀	"		"	"	✓
"	"	✓ 7 Nov 72	♀	"		"	"	✓
"	"	✓ 10 Oct 72	♀	"		"	"	✓
"	"	✓ 25 Apr 72	♀	"		"	"	✓
"	"	✓ 4 Apr 72	♀	"	3 specimens	"	"	✓
"	"	✓ 30 Nov 71	♂	"		"	"	✓
"	"	✓ 11 Jan 72	♀	"		"	"	✓
Richmond Rd	"	13 Mar 69	♀	Swards 69/111		PCEyles	"	✓
North Cape	ND	8 Feb 75	♀	Beating <i>Cyathodes fasciculatus</i>		17CW	"	✓
<del>Nelson</del>	<del>NN</del>	<del>✓ 31 Oct 72</del>	<del>♂</del>	<del>Sweeping pasture</del>		<del>N.P. MANN</del>	<del>"</del>	<del>✓</del>
Riverhead	AK	17 Dec 74	♀	Pasture		"	"	✓
"	"	✓ 31 Dec 74	♀	Sweeping pasture		"	"	✓
<del>Nelson</del>	<del>NN</del>	<del>✓ 1 Nov 71</del>	<del>♀</del>	<del>Tank sample 41</del>	<del>2 specimens</del>	<del>"</del>	<del>"</del>	<del>✓</del>
"	"	✓ 9 Nov 72	♂			"	"	✓
Manowas Hyeo village	"	10 Jan 70	♂	Beating Hebe flowers		JIT	"	✓
Kaunui	WO	4 Dec 75	♂	x Kiwi fruit leaves		17.M. Ferguson	"	✓
Kumeu	AK	17 Oct 75	♀	"		"	"	✓
Motuelca	NN	5 Nov 75	♀	"		"	"	✓
Takaka V	FD	6 Dec 72	♀	Beating <i>Dracophyllum</i>		PCEyles	"	✓
Omahuta SF	ND	4 Feb 75	♀	off large fallen Kaunui		G. K. ...	"	✓
Mt Domett	NN	1 Dec 71	♀	Moss 71/156		"	"	✓
NE Big S Cape	SI	14 Feb 69	♀	Beating Hebe elliptica		BM MANN	"	✓
Mt. Messenger	TK	23 Jan 72	♀	Litter 72/66		GW R...	"	✓
Takaka V	FD	6 Dec 72	♀	Beating <i>Coprosma</i>		PCEyles	"	✓
Big South Cape	SI	11 Feb 69	♀	Sweeping		17CEyles	"	✓
Black Birch Rd	MB	17 Feb 70	♀	-		"	"	✓
Copper Mine I	ND	24 Oct 68	♀	On <i>Calystegia</i> flowers		JCW...	"	✓
"	"	"	♀	"		"	"	✓
Totara Res	RI	4 Jan 75	♀	Litter 75/27		"	"	✓
Waikaremoana	GB	17 Jan 72	♀	Litter 72/16		GW R	"	✓
Mt Domett	NN	Dec 71	♀	Moss 71/175		"	"	✓

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*Thrips obscuratus* (Crawford)

Locality	Code	date	Sex	plant	Collector	dip.	Appt	Mac
Mt. Jomett	NN	Dec 1971	♂	Moss 71/175	GW R	NZAC <del>ISNR</del>		✓
Blenheim	MB	Nov 52	♀	X White Clover	J.S. Timlin	"		✓
Beachlands	PK	20 <sup>45</sup> <del>11</del> Nov 58	♀	-	J.W. Campbell	"		✓
"	PK	"	♀	-	"	"		✓
Days Bay	WN	30 Nov 41	♀	Beaten foliage	J.F. Salmon	"		✓
Palmerston Nth	WI	12 Nov 34	♀	Tetoki tree	D. Todd	"		✓
"	WI	15 Nov 34	♀	"	"	"		✓
Mt Arthur	NN	22 Jan 48	♀	Foliage 4000'	R.R. Forster	"		✓
Karori	WN	16 Dec 35	♀	X Cabbage tree	J.T. Salmon	"		✓
"	WN	"	♀	"	"	"		✓
"	WN	"	♀	"	"	"		✓
Nelson	NN	16 Dec 41	♀	X Convolvatus flowers	-	"		✓
"	NN	"	♀	"	-	"		✓
Days Bay	WN	30 Nov 41	♀	Beaten foliage	J.T. Salmon	"		✓
Wellington	WN	22 Dec 29	♀	Savender flowers <i>Zspino</i>	A. Castle	"		✓
"	WN	"	♀	"	"	"		✓
"	"	"	♀	"	"	✓		✓
Mt. Arthur	NN	22 Jan 42	♀	X foliage	R.R. Forster	"		✓
Ngaiio Hills	WN	7 Dec 71	♂	X Wild Spaniard	J.T. Salmon	"		✓
"	"	"	♀	"	"	"		✓
"	"	"	♀	"	"	"		✓
Palmerston Nth	WI	1 Nov 34	♀	Hazel nut tree	D. Todd	"		✓
"	"	3 Nov 34	♀	"	"	"		✓
"	"	"	♀	"	"	"		✓
"	"	9 Nov 34	♀	Oak tree	"	"		✓
"	"	7 Nov 34	♀	Anemone	"	"		✓
Gisborne	GB	26 Nov 34	♀	Lemon	W.K. Dallas	"		✓
"	"	27 Nov 34	♀	Rose	"	"		✓
Tauranga	BP	30 Nov 34	♀	Orange	"	"		✓
"	"	5 Dec 34	♀	Lemon	"	"		✓
"	"	30 Nov 34	♀	Orange	"	"		✓
"	"	"	♀	Lemon	"	"		✓
"	"	"	♀	Orange	"	"		✓

Locality	Code	date	sex	plant	Collector	dep	Apt	Mae
Gisbourne	GTB	26 Nov 34	♀	Lemon	Wk. Dallas	NZAC D. B. B.		✓
Paiaka	WJW	25 Nov 49	♀	18 specimens T2 flower heads	R. A. Crawford	"		✓
"	WJW	"	♂	4 "	"	"		✓
"	"	23 Nov	♂	3 specimens fr. Phormium	"	"		✓
"	"	"	♀	6 specimens "	"	"		✓
Owaka	DN	25 Jan 59	♀	-	JIT	"		✓
Sealy Lake	MK	10 Jan 66	♂	Sweeping bushes	A. C. Eyles	"		✓
Wellsford	AK	19 Aug 68	♀	Gorse flowers	L. A. M. M. M.	"		✓
"	"	21 Aug 68	♀	"	"	"		✓
"	"	"	♂	"	"	"		✓
Nelson	NN	30 Nov 50	♀	x Tree Lucerne 2 specimens	J. Yates	"		✓
Tauwanga	BP	30 Nov 34	♀	Orange	Wk Dallas	"		✓
Paiaka	WJW	1 - Nov 49	♀	29 specimens Phormium fls	R. A. Crawford	"		✓
Auckland	AK	23 Apr 40	♀	Fatsia sp. flower heads	D. Spiller	"		✓
"	"	"	♀	"	"	"		✓
Big South Cape	SI	12 Feb 69	♀	Sweeping cocksfoot etc	A. C. Eyles	"		✓
"	SI	"	♀	"	"	"		✓
"	SI	"	♀	"	"	"		✓
"	"	"	♀	"	"	"		✓
Cawthron	NN	30 Nov 50	♂♂	10 specimens Rose	J. Yates	"		✓
"	"	"	♀♀	10 "	"	"		✓
Nelson	NN	"	♀	8 " Stock	"	"		✓
"	"	"	♀	3 " "	"	"		✓
"	"	"	♀	3 " Chinese Gooseberry	"	"		✓
"	"	"	♀	7 " "	"	"		✓
"	"	"	♀	3 " x Cynaeo	"	"		✓
"	"	"	♀	2 " "	"	"		✓
Beachlands	AK	20 Nov 45	♂	1 " -	J. W. Campbell	"		✓
"	"	"	♀	1 " x Gorse	"	"		✓
Franz Josef Glaciers	WD	Nov 46	♀	2 " Olearia blossom	M. W. Carter	"		✓
"	"	" 47	♀	x Olearia blossom	"	"		✓
"	"	" 46	♀	"	"	"		✓
Little Barrier I	CL	23 Nov 54	♀	x Phormium colensoi flowers	R. A. J. W. S.	"		✓



Locality	Code	date	Sex	plant	Collector	dep	Appl	Mac
Huapai	AK	Nov 53	♀	x Best seedless	K. Warren	<del>AK</del> NZAC		✓
Avondale	AK	Nov 7 39	♀	Flowers poorman orange	D Spiller	"		✓
Huapai	AK	Nov 53	♀	x Best seedless	K. Warren	"		✓
Browns Bay	AK	20 Aug 51	♀	x Protea cynaroides	R.A. Harrison	"		✓
"	"	"	♀	"	"	"		✓
Titirangi	"	12 Aug 51	♀	x flowers Vitex lucens	E.E. Bray	"		✓
Henderson	AK	16 Dec 47	♀	x Grape flowers	W. Cottier	"		✓
"	"	27 Oct 49	♀	x Boysenberry flowers + fruit	K.P. Lamb	"		✓
Roxburgh	Co	Jan 50	♀	On Boysenberry	J. Coombe	"		✓
"	"	"	♀	"	"	"		✓
"	"	"	♀	"	"	"		✓
Auckland	AK	Dec 1 38	♀	Lemon flowers	D. Spiller	"		✓
Oratia	AK	5 Feb 44	♀	Peach fruit	"	"		✓
"	AK	"	♀	"	"	"		✓
"	"	"	♀	"	"	"		✓
"	"	"	♀	"	"	"		✓
"	"	"	♀	"	"	"		✓
"	"	"	♀	"	"	"		✓
Auckland	"	Jan 39	♀	Peach	"	"		✓
Avondale	AK	May 1 39	♀	Abrizza lorantha flowers	"	"		✓
"	"	"	♀	"	"	"		✓
Auckland	AK	Dec 1 38	♀	Lemon flowers	"	"		✓
Avondale	AK	Nov 4 39	♀	Poorman orange flowers	"	"		✓
Owairaka	AK	Apr 19 39	♂	T - getes erecta	"	"		✓
Auckland	AK	Dec 1 38	♀	Lemon flowers	"	"		✓
"	"	"	♀	"	"	"		✓
"	"	"	♀	"	"	"		✓
"	"	Jan 39	♀	Peach	"	"		✓
"	"	Dec 1 38	♀	Lemon flowers	"	"		✓
Motueka	NN	Nov 34	♀	Tobacco	W. Cottier	"		✓
"	"	"	♀	"	"	"		✓
Auckland	AK	Apr 23 30	♂	Fatsia sp flower heads	D. Spiller	"		✓
Avondale	AK	Nov 7 39	♀	Poorman orange	"	"		✓

Locality	Code	date	Sex	plant	Collector	dep.	Apt	Mac
Auckland	AK	23 Apr 40	♀	Eatsia sp flower heads	D Spiller	NZAC <del>DSAC</del>		✓
Franz Josef	WD	Nov 46	♀	Olearia blossom	Miw Carter	"		✓
"	"	"	♀	3 specimens "	"	"		✓
"	"	"	♀	2 " "	"	"		✓
Oratia	AK	5 Feb 44	♀	peach fruit	D. Spiller	"		✓
Central Otago	CO	30 Nov 48	♀	x Youngberry flowers	-	"		✓
Oratia	AK	1 Feb 47	♀	x Ripe peaches	W. Cottier	"		✓
Hastings	HB	13 Nov 55	♀	x Apple blossom	D of A	"		✓
"	"	"	♀	"	"	"		✓
Little Barrier I	CL	26 Nov 54	♀	x Nikau flowers	KAJ Lambert	"		✓
Huapai	AK	4 Dec 52	♀	chinese gooseberry flowers	W. Fletcher	"		✓
Kumeu	AK	"	♀	"	"	"		✓
Huapai	AK	Dec 53	♀	"	"	"		✓
Paihia	ND	31 Aug 52	♀	x Leaf litter & moss	K.P. Lamb	"		✓
"	"	"	♀	"	"	"		✓
Bombay	AK	15 Dec 41	♀	Shed	D. Spiller	"		✓
Waitomo	WO	16 Nov 41	♀	-	C.G. Clark	"		✓
Huapai	AK	Nov 53	♀	x Beet seedless	K. Warren	"		✓
Oratia	AK	3 Dec 53	♀	NZ Grape fruit	H. Taylor	"		✓
"	"	"	♀	"	"	"		✓
"	"	"	♀	"	"	"		✓
"	"	"	♀	"	"	"		✓
Gisborne	GB	8 Feb 52	♀	x Lemon flower	K.P. Lamb	"		✓
Auckland	AK	27 Oct 52	♀	x Meyer lemon flowers	D of A	"		✓
-	-	-	♀	Tobacco	W. Cottier	"		✓
Paihia	ND	25 Nov 49	♂'s	5 specimens T2 flower heads	R.A. Cumber	"		✓
"	ND	"	♀'s	17 " "	"	"		✓
-	-	-	♀	Tobacco	W. Cottier	"		✓
-	-	Nov 50	♀'s	14 specimens Iceland Poppies	J.S. Timlin	"		✓
-	-	-	♀	Tobacco	W. Cottier	"		✓
MT Hope 4000'	NN	20 Mar 60	♂	In Gentian Flowers	J.I. Thompson	"	Brac. ♂	✓
"	"	"	♀	"	"	"		✓
Nelson	NN	14 Dec 41	♂	Fr. Convolvulus flowers # 538	-	"		✓

13. *Thrips obscuratus* (Crawford)

Locality	Code	date	Sex	plant	Collector	dep	Apt	Mac
Maitai V	NN	15 Jan 76	♀	Beating Hebe	A.H. Crawford	NZAC DSGMS		✓
Cawthron Inst orch	NN	8 Nov 32	♀	Roses	-	"		✓
Fortrose	SL	31 Jan 76	♀	Sweeping paddock	L.L. Danks	"		✓
Maitai V	NN	15 Jan 76	♀	Beating Hebe	A.H. Crawford	"		✓
"	"	"	♂	"	"	"		✓
Mt Potts Stn	sc/mc	22 Jan 71	♀	+ <i>Celmisia spectabilis</i>	J.S. Danks	"		✓
Cawthron Inst	NN	6 Dec 32	♀	Fr. Sweet Peas	-	"		✓
Auckland	AK	8 Jan 76	♀	In <i>Phormium</i> flowers	L.L. Danks	"		✓
Sealy lakes	mk	10 Jan 66	♀	Sweeping bushes	A.C. Eyles	"		✓
Tennysan Inlet	SD	28 Oct 71	♀	x <i>Aristotelia serrata</i>	J.S.D.	"		✓
"	"	"	♀	"	"	"		✓
Auckland	AK	8 Jan 76	♂	In <i>Phormium</i> flowers	L.L. Danks	"		✓
"	"	"	♀	"	"	"		✓
Kirkliston Ra	mk/sc	22 Jan 76	♀	<i>Aciphylla aurea</i> flowers	J.I. Transak	"		✓
"	"	"	♂	"	"	"		✓
Motueka	NN	6 Dec 32	♀	Roses	Anderson	"		✓
C. Pukakei	mk	27 Jan 76	♀	Beaten fr. Matagouri	C. Smith	"		✓
Motueka	NN	6 Dec 32	♀	Wall flowers	Anderson	"		✓
"	"	"	♀	"	"	"		✓
Craigieburn forest	MC	24 Feb 76	♀	On <i>Celmisia viscosa</i> 1524m	R.H. Milligan	"	Brac	♀
Sealers Bay	Si	16 Dec 66	♂	litter 66/531	JIT	"		✓
"	"	"	♀	"	"	"		✓
Clifton	CL	26 Jan 76	♀	Sweeping marsh	L.L. Danks	"		✓
Cawthron Inst	NN	6 Dec 32	♀	x Lemons	-	"		✓
Aniseed v	NN	14 Jan 76	♀	Beating <i>N. menziesii</i>	A.H. Crawford	"		✓
C. Rotoiti	BR	13 May 65	♀	Lichen on manuka	M. Lunken	"		✓
Mt Robert	"	16 Jan 76	♀	On <i>Notothlaspi rosulatum</i> flowers	A.H. Crawford	"		✓
C. Pukakei	mk	27 Jan 76	♀	Beaten fr. Sweet Briar	C. Smith	"		✓
Mt. Robert	BR	16 Jan 76	♀	On <i>Notothlaspi rosulatum</i> flowers	A.H. Crawford	"		✓
"	"	"	♂	"	"	"		✓
Langwood Ra	SL	1 Feb 76	♂	On <i>Dracophyllum</i> flowers	L.L. Danks	"		✓
Mt Robert	BR	16 Jan 76	♂	Sweeping tussock	A.H. Crawford	"		✓
St Arnaud Ra	BR	17 Jan 76	♀	"	"	"		✓

14 *Thrips obscuratus* (Crawford)

Locality	Code	date	Sex	plant	Collector	dep	Apt	Mac
St Arnaud Ra	BR	17 Jan 76	♀	Sweeping tussock	P.H. Walker	NZAC <del>2512</del>		✓
Mt Robert	BIR	16 Jan 76	♀	"	"	"		✓
Little Barrier I	CL	4 Oct 75	♀	Litter 75/197	B.M. Mayo	"		✓
"	CL	"	♀	"	"	"		✓
"	CL	20 Feb 76	♀	Rock over hanging cliff here	P.H. Walker	"		✓
Sebastopol	MK	8 Jan 66	♂	Sweeping grass bushes	A.C. Eyles	"		✓
"	MK	"	♀	"	"	"		✓
Palmerston Nth	WI	15 Nov 34	♀	Titoki tree	D. Todd	"		✓
Titirangi	AK	3 Feb 75	♀	x Tarwey flower	N.A. Marshall	"		✓
Upper Hut	WN	5 Feb 53	♀	x Chrysanthemum <del>sp</del>	R. Healy	"		✓
Titirangi	AK	15 Jan 75	♂	x Compositae flowers	N.A. Marshall	"		✓
Maori hunk	WN	5 Feb 53	♀	x Malva moschata	R. Healy	"		✓
Here taunga	WN	6 Feb 53	♀	x Clematis vitalba	R. Healy	"		✓
Silverstream	WN	6 Feb 53	♀	x Tanacetum vulgare	"	"		✓
Titirangi	AK	10 Feb 75	♀	x Peach Fruit	N.A. Marshall	"		✓
Mangere	AK	29 Oct 75	♀♂	x Iron lily	N.A. "	"		✓
"	"	"	♂	"	"	"		✓
"	"	"	♂	"	"	"		✓
"	"	"	♂	"	"	"		✓
"	"	"	♂	"	"	"		✓
"	"	"	♀♀	" 2 specimens	"	"		✓
Titirangi	AK	15 Jan 75	♀	x Compositae flowers	"	"		✓
"	"	"	♀	"	"	"		✓
"	"	"	♀	"	"	"		✓
"	"	"	♀	"	"	"		✓
Pigeon Valley	NN	5 Nov 71	♂	Sample ③ Turf sample	P.G. Fenimore	"		✓
Mass ey	AK	15 Dec 75	♀	Sweet Pea flower	K. R.W. Hammelt	"		✓
"	"	"	♀	"	"	"		✓
"	"	"	♀	"	"	"		✓
"	"	"	♀	"	"	"		✓
Levin	WN	15 Jan 67	♀	flowers of passion fruit	R.C.M. Mason	"		✓
Te Panga	SD	12 Feb 64	♂	Citrus	"	PLNZ <del>6610</del>		✓
Levin	WN	22 Feb 72	♀	On Nectarine tree	D. Carver	"		✓

15. *Thrips obscuratus* (crawford)

Locality	Code	date	Sex	plant	Collector	dep	Apt	Mae
Levin	WN	22 Feb 72	♀	On Nectarine tree	D. Carver	<del>PLNZ</del>		✓
Tapawera	NN	10 Nov 64	♂	Raspberry	A. Harre'	"		✓
Levin	WN	13 Oct 63	♀	<i>Prinosporium eugenoides</i>	A. Ward	"		✓
"	"	4 Nov 65	♀	<i>Wisteria</i> flowers	J. Pritchard	"		✓
"	"	"	♂	<i>Lilae</i>	"	"		✓
"	"	"	♀	-	A. Ward	"		✓
"	"	11 Nov 65	♀	Wineberry	"	"		✓
Manukau	I-	14 Nov 65	♀	Itinau	J. Pritchard	"		✓
Warata	-	5 Dec 63	♂	Rose	A. Harre'	"		✓
"	"	"	♀	"	"	"		✓
Hope	-	28 Feb 64	♀	Peach	Brown	"		✓
"	"	"	♀	"	"	"		✓
Hastings	HB	3 Dec 64	♀	Rose	F. Conway	"		✓
Ngairo		11 Oct 63	♀	Bush lawyer	Dom Manson	"		✓
Levin	WN	4 Nov 65	♀	<i>Fuschia excorticata</i>	J. Pritchard	"		✓
Brightwater	NN	16 Oct 64	♀	Raspberry	A. Harre'	"		✓
Te Pangu	SD	17 Feb 64	♀	? flower	D. Manson	"		✓
"	"	"	♀	"	"	"		✓
Hastings ✓	HB	3 Dec 64	♀	Rose	F. Conway	"		✓
Nelson	NN	5 Oct 64	♀	Paeony bloom	A. Harre'	"		✓
Levin	WN	4 Nov 65	♀	-	J. Pritchard	"		✓
"	"	"	♀	<i>Clematis pary</i> - - -	A. Ward	"		✓
Brightwater	NN	16 Oct 64	♀	Raspberry	A. Harre'	"		✓
Nelson	NN	5 Oct 64	♂	Paeony bloom	"	"		✓
Paraparauu	WN	12 Oct 63	♀	Azalea flowers	Manson	"		✓
Raumaki	-	12 Oct 63	♀	Broom	"	"		✓
Levin	WN	4 Nov 65	♀	<i>Weigela</i> sp. flower	J. Pritchard	"		✓
Invercargill	SL	21 Feb 64	♀	Gladioli	F. William	"		✓
Levin	WN	4 Dec 65	♀	Horsechestnut	A. Ward	"		✓
Ashburton	MC	9 Dec 63	♀	<i>Philadelphus</i>	J.E. Moseley	"		✓
"	"	"	♀	"	"	"		✓
"	"	"	♀	"	"	"		✓
Te Kauhata	WO	25 Oct 65	♀	Netted grass + weeds	Manson	"		✓

16 *Thrips obscuratus* (Crawford)

Locality	Code	date	Sex	plant	Collector	dep	Ap	Muc
Dunedin	DN	64	♀	Lilias	Kennelly	PLAZ		✓
"	"	Jan "	♀	"	"	"		✓
Te Panau	-	17 Feb 64	♀	Goose	Manson	"		✓
Te Kauhata	WO	25 Oct 65	♀	Lilac	"	"		✓
Dunedin ✓	DN	Jan 64	♀	Lilies	Kennelly	"		✓
Te Kauhata	WO	25 Oct 65	♀	Lilac	Manson	"		✓
Te Panau ✓	-	17 Feb 64	♀	Goose	"	"		✓
" ✓	-	"	♀	"	"	"		✓
Kapiti Is ✓	WN	24 Nov 63	♂	Red hot Poker	Marlatt	"		✓
Levin	WN	11 Oct 65	♀	Apple flowers	Manson	"		✓
"	"	16 Jan 63	♀	Passion fruit flowers	"	"		✓
"	"	10 Oct 63	♀	Bush lawyer	"	"		✓
-		13 Oct 63	♀	Ackama rosaeifolia	Ward	"		✓
Kapiti Is ✓	WN	24 Nov 63	♀	Red hot poker	Marlatt	"		✓
Waiopahu	-	30 Sep 65	♀	Pomaderris sp	Ward	"		✓
Kapiti Is ✓	WN	24 Nov 63	♀	Red hot poker	Marlatt	"		✓
Levin		11 Oct 63	♀	Apple	Manson	"		✓
Ashburton	MC	9 Dec 63	♀	Philadelphas	Moseley	"		✓
Christchurch	MC	28 Jan 64	♀	Peaches	Davies	"		✓
Levin ✓	WN	11 Oct 63	♀	Apple	Manson	"		✓
Christchurch	MC	28 Jan 64	♀	Peaches	Davies	"		✓
"	MC	"	♀	"	"	"		✓
Kandallah ✓	WN	25 Oct 63	♀	Pittosporum eugenoides	Manson	"		✓
Christchurch	MC	28 Jan 64	♀	Peaches	Davies	"		✓
Kandallah ✓	WN	5 Oct 63	♀	Pittosporum eugenoides	Manson	"		✓
Levin ✓	WN	13 Oct 67	♀	Berberis	Ward	"		✓
Waiopahu Res ✓	-	30 Sep 65	♀	Pomaderris sp	Ward	"		✓
" ✓	-	"	♀	"	"	"		✓
Te Kauhata ✓	WO	25 Oct 65	♀	Lilac	Manson	"		✓
" ✓	"	"	♀	"	"	"		✓
Coburn ✓	MC	21 Jan 64	♀	Peach	Moseley	"		✓
" ✓	"	"	♀	"	"	"		✓
Hastings	HB	21 Jan 64	♀	Roses	Conway	"		✓

17 *Thrips obscuratus* (Crawford)

Locality	Code	date	Sex	plant	Collector	dep	Apt	Mac
Hastings	HB	28 Jan 64	♀	Roses	Conway	PLNZ Geering		✓
"	"	"	♀	"	"	"		✓
"	"	"	"	"	"	"		✓
Loburn	MC	21 Jan 64	♀	Peach	Moseley	"		✓
"	"	"	"	"	"	"		✓
Hastings	HB	-64	♀	Citrus	Conway	"		✓
Christchurch	MC	23 Jan 64	♀	Lily (Dutch Glory)	Hicks	"		✓
Loburn	MC	21 Jan 64	♀	Peach	Moseley	"		✓
Dunedin	DN	18 Mar 64	♀	Roses	Kennelley	"		✓
Loburn	MC	21 Jan 64	♀	On Peach	Moseley	"		✓
Hastings	HB	64	♀	Citrus	1st Conway	"		✓
Christchurch	MC	23 Jan 65	♂	Lily	Hicks	"		✓
Dunedin	DN	12 Mar 64	♀	Roses	Konnelly	"		✓
Christchurch	MC	23 Jan 65	♀	Lily	Hicks	"		✓
Loburn	MC	21 Jan 64	♀	Peach	Moseley	"		✓
Auckland	AK	1 Sep 77	♀	Plum flowers	G. Thompson	MHI		✓
-	-	13 Jan 72	♀s 3	specimens x Peaches for export	-	"		✓
-	-	-	♀s 10	" " " "	-	"		✓
Wanganui	ND	19 Jan 76	♀s 5	" Escallonia hudge	-	"		✓
Invercargill	SH	17 Mar 77	♂	Sweep-flow. red clover in wasteland	Atkw	NZAC DSE		✓
"	"	"	♂	Sweep-creeping bent in wasteland	"	"		✓
Levin	WN	4 Nov 65	♀	Acacia verticillata	Pritchard	PLNZ <del>PLNZ</del>		✓
Dun Trach	NN	25 Mar 51	♀	x Gentiana corymbifera	Yates	NZAC <del>DSE</del>		✓
Motueka	NN	20 Nov 75	♀	Kiwi fruit leaves	A.M. Ferguson	"		✓
Kahurangi R	NN	23 Nov 68	♀	Litter	F.A. Luck	"		✓
Sebastopol Mt	MK	6 Feb 77	♀	In alpine flowers mainly Hebe	I.F. Kitchin	"		✓
L. Rotoiti	BIR	26 July 64	♀	3 specimens Hebe venustula On distorted apical buds of	G.W.R.	"		✓✓
Black Birch Ra	MB	20 Feb 70	♂	Muts & Moss 70/133	G.K.	"	micropterous	
Three Kings Is	-	Nov 70	♀	-	-	"		✓
"	-	Dec 70	♀	Litter 70/238	G.K.	"		✓
Levin	WN	25 Feb 76	♀	Passionfruit Flowers	R. Baker	Levin MAE PLNZ		✓
Titirangi	AK	3 Feb 75	♀	x Tausey Flower	N.A.M.	NZAC <del>DSE</del>		✓
Mc Donnell	NN	Dec 71	♀	Moss 71/175	G.W.R.	"		✓

Locality	Code	date	Sex	plant	Collector	dep.	Apb.	Rec.
Perks Farm	NN	11 Jan 72	♀	Sweep pasture	NBM	NZAC <del>DELR</del>		✓
"	"	30 Nov 71	♂	"	"	"		✓
Upper Malcarora	OL	17 Jan 68	♀	Litter 68/4	FA Alade	"		✓
Cornwallis	AK	4 Aug 75	♀	Beaten fr. Gorse	L R. H. H. W.	"		✓
Coppermine I	ND	30 Oct 68	♀	Litter 68/148	J.C. W. <del>W. H. H.</del>	"		✓
"	"	24-31 Oct 68	♂	On Calystegia flowers	J.C. W. <del>W. H. H.</del>	"		✓
N.E. Big Sth Cape I	<del>SA</del> SI	14 Feb 69	♀	Beating Hebe elliptica	B.M. Magy	"		✓
Chalkham I	-	14 Feb 67	♀	Under kelp in sand	C.K.	"		✓
Conway Flats	KA	15 Mar 77	♀	Erythrina flowers	R.P. Macf.	"		✓
Oratia	AK	1 Sep 77	♂	Infesting plum flowers	M. Firth	"		✓
"	"	"	♂	"	"	"		✓
Cashmere	MC	27 Dec 76	♀	Christmas lily in garden	P.M. Johns	"		✓
Kelseys Bush	SC	20 Jan 66	♀	-	J.I.T	"		✓
Te Ituka Ridge	ND	3 Dec 77	♀	Sweeping manuka scrub	AKW	"		✓
"	"	"	♀	"	"	"		✓
Spirits Bay	ND	"	♀	Sweep rushes in grazed area	"	"		✓
Pokohu Hill	"	"	♀	Beating manuka + kanuka	"	"		✓
Mt. Pirongia	WO	9 June 77	♀	In moss	B.A. H. <del>W. H. H.</del>	"		✓
"	"	"	♀	"	"	"		✓
Noises Is	AK	1 Nov 77	♀	In peach leaf curl	L.L. Denton	"		✓
"	"	"	♀	"	"	"		✓
Whitford	AK	12 Nov 76	♀	Birds nest 76/94	J. Batham	"		✓
Canaan Saddle	NN	1 Feb 78	♀	Sweeping manuka	AKW	"		✓
"	"	"	♂	"	"	"		✓
"	"	"	♀	"	"	"		✓
Whangamoa Sill	"	31 Jan 78	♀	Sweeping roadside grass	"	"		✓
→ Huh Paukawaka Track	TK	11 Jan 78	♀	Hebe stricta flowers in scrub <sup>forest</sup> <sub>angustifolius</sub>	JSD	"		✓
Lincoln	MC	13 Jan 78	♀	Causing damage to Lupinus	R.P. Stephenson	"		✓
"	"	"	♂	"	"	"		✓
"	"	"	♀	"	"	"		✓
"	"	"	♀	"	"	"		✓
"	"	"	♀	"	"	"		✓
"	"	"	♀	Causing damage to <u>Lupinus albus</u>	"	"		✓



19 *Thrips obscuratus*

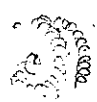
New Plymouth	TK	23 Nov 77	♂	Ex Solanum aviculare	N.A. Maxwell	NZAC DSMR	✓
"	"	"	♂	"	"	"	✓
"	TK	"	♂	"	"	"	✓
Tustain, Te Puke	BP	25 Apr 77	♀	Kiwi fruit vine G 8	M.K. Moloney	"	✓
Cashmere	mc	27 Dec 76	♂	Christmas lily in garden	P.M. Johns	"	✓
"	"	"	♀	"	"	"	✓
Fendalton	mc	23 May 77	♀	Bottlebrush leaf	M. Summerfield	"	✓
Ball Ridge	mk	31 Mar 77	♀	Ex Gentiana flowers	JSD	"	✓
"	"	"	♀	"	"	"	✓
Spirits Bay	ND	3 Dec 77	♀	Sweeping lupin in sand dunes	A.K.W.	"	✓
Coopers Knob	mc	1 Mar 77	♂	On thistle	S.A. Frost	"	✓
"	"	"	♀	"	"	"	✓
"	"	"	♀	"	"	"	✓
Tutoko Bench	FD	13 Jan 77	♀	Litter 77/16	J.S.D.	"	Micropterus
Ahukawakawa	TK	11 Jan 78	♂	Hebe stricta flowers in scrub forest	JSD	"	✓
"	"	"	♂	"	"	"	✓
"	"	"	♂	"	"	"	✓
Conway Flats	KIT	15 Mar 77	♀	Erythrina flowers	R.P. Macf.	"	✓
Titirangi	HK	10 Feb 75	♀	Peach fruit	N.B. Maxwell	"	✓
Lumsden	SL	2 Jan 77	♀	On Dacus carota flowers	T.K. Crosby	"	✓
Gisborne	GB	26 Nov 34	♀	Lemon	W.K. Dallas	"	✓
Tauranga	BP	30 Nov 34	♀	Orange	"	"	✓
Palmerston Nth	WI	15 Nov 34	♀	Tetoki tree	D Todd	"	✓
Invercargill	SL	17 Mar 77	♀	Beating lupin foliage	A.K.W.	"	✓
Riverlea Rd	HK	16 Nov 76	♀	Ex Chinese Goss. flowers	J.R. Barra	"	✓
Gisborne	GB	8 Feb 52	♀	x Peach fruit	K.P. Lamb	"	✓
Franz Joseph Glacier	WD	Nov 46	♀	x Olearia blossom	M.W. Carter	"	✓
Christchurch	MC	23 Jan 64	♀	Peaches	N.C. Davis	PLNZ DSMR	✓
Invercargill	SL	16 Mar 77	♀	Nothofagus solandri	A.K.W.	NZAC DSMR	✓
"	"	14 Mar 77	♀	Pitt. tenuifolium	"	"	✓
"	"	17 "	♀	Californian thistle	"	"	✓
Lumsden	SL	2 Jan 77	♀	TK. Broom flowers	T.K. Crosby	"	✓
Queens Park	SL	14 Mar 77	♀	Dahlia flowers	A.K.W.	"	✓

Invercargill	SL	15 Mar 77	♀	Sw. browntop & medawfox.	AKW	NZAC <del>DSUR</del>	✓
"	"	17 Mar 77	♀	Sw. flower, redclover	"	"	✓
"	"	"	♀	" Creeping bent etc	"	"	✓
"	"	"	♀	Beating flowering willow weed	"	"	✓
Palmerston Nth	WI	8 Nov 34	♀	Holly hocks	J.M.	"	✓
Ngaio Hills	WN	7 Dec 41	♀	Ex Wild spaniard	J.T.Salman	"	✓
Days Bay	WN	30 Nov 41	♀	-	"	"	✓
L.Cobb	NN	17 Feb 67	♀	x Soil & debris 67/91	F.Alack	"	✓
Titirangi	AK	10 Feb 75	♀	Peach fruit	N.A.Manna	"	✓
Levin	WN	9 Mar 76	♀♀	Passionfruit	R.Baker	PLNZ <del>DSUR</del>	✓
"	"	"	♀♀	"	"	"	✓
"	"	"	♀♀	"	"	"	✓
Invercargill	SL	16 Mar 77	♀	Beating oak foliage	A.K.W.	NZAC <del>DSUR</del>	✓
Gisborne	GB	27 Nov 34	♀	Rose	W.K.Dallas	"	✓
Days Bay	WN	30 Nov 41	♀	foliage	J.T.Salman	"	✓
Nelson	NN	16 Dec 41	♀	Convolvulus flowers	J.A.Yates	"	✓
"	"	"	♀	"	"	"	✓
"	"	22 Jan 48	♀	foliage	"	"	"
"	"	14 Nov 72	♂♀	Swapping pasture	NBM	"	✓
"	"	30 Nov 71	♀♀	"	"	"	✓
"	"	"	♀♀	"	"	"	✓
"	"	23 Nov 71	♀♀	"	"	"	✓
"	"	"	♀♀	"	"	"	✓
Paraparaumu	WN	12 Oct 67	♀	Azalea flowers	J.Manson	PLNZ <del>DSUR</del>	✓
Pasborton	ME	9 Dec 65	♂♂	Phladelphus	Moseley	"	✓
Little Barrier	CL	23 Nov 54	♀	x Freycinetia banksii	AK KJW	NZAC <del>DSUR</del>	✓
Roxburgh	CO	Jan 1950	♀	on Boysenberry	J.Coombe	"	✓
Hermitage	MK	10 Jan 66	♀	Grass sweeping	A.E.Eyles	"	✓
Mt Hope Good	NN	20 Mar 60	♀	Gentian flowers	JIT	"	✓
Invercargill	SL	17 Mar 77	♀	Sw. Californian th. fl.	AKW	"	✓
Kirkliston Ra	?	22 Jan 66	♀	Aciphylla aurea	JIT	"	✓
Tauranga	BP	30 Nov 66	♀	Lemon	W.K.Dallas	"	✓
"	"	"	♀	"	"	"	✓

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Longwood Ra	SL	1 Feb 76	♀	Dracophyllum flowers	L.L. Dorr	NZAC DS/12	✓
Blenheim	MB	5 Jan 75	♀	x White clover	C Smith	"	✓
Nelson	NN	14 Dec 41	♀	Convolvulus flowers	-	"	✓
Gisborne	GB	20 Dec 51	♀	Citrus flowers	Dof-B	"	✓
Huanai	-	4 Dec 52	♀	Chinese goose. fl.	W. Fletcher	"	✓
Oratia	AK	5 Feb 44	♀	peach fruit	D. Spiller	"	✓
"	"	"	♀	"	"	"	✓
"	"	"	♀	"	"	"	✓
Cobb Dam	NN	24 Dec 78	♀	Ex Bulbinella hookeri flowers	AKW	NZAC DS/12	brachyptera
"	"	"	♀	"	"	"	"
"	"	"	♀	"	"	"	"
"	"	"	♀	"	"	"	"
"	"	"	♂	"	"	"	"
"	"	"	♀	"	"	"	✓
"	"	"	♀	"	"	"	✓
<hr/>							
Butterfly Creek	WN	25 Nov 71	♀	Leaf litter mixed bush	L. Hudson	NMNZ S/12	✓
"	"	"	♂	2 spec.	"	"	✓
Middle Trio I	SD	2 Dec 53	♀	2 sp Leaf mould	T.B. P. H. H.	"	✓
"	"	"	♂	1 sp	"	"	✓
Motuara I	SD	11 Nov 61	♂	Leaf litter	"	"	✓
Days Bay	WN	30 Nov 41	♂s	4 sp Beaten foliage	JT Salmon	"	✓
"	"	"	♀	"	"	"	✓
Hongi's Track	BP	28 Oct 69	♂s	3 spec Leaf mould	P. Ordish	"	✓
Akatarawa	WN	11 Jan 65	♀	In moss etc	JT Salmon	"	✓
Taylor's Pass	MB	7 Feb 79	♂s	9 specimens On Hebe parviflora fls.	AKW-53	NZAC DS/12	✓
Head Cobb Res	NN	2 Feb 79	♂s	3 spec Bare red tussock	AKW-28	"	✓
Lower Wairau Valley	MB	7 Feb 79	♂s	2 spec On flowering lucerne	AKW-59	"	✓
L. Sylvester	NN	31 Jan 79	♂s	5 spec On H. topiaria flowers	AKW-22	"	✓
"	"	"	♂s	5 spec	"	"	✓
Kaihoka Lakes	NN	11 Feb 79	♂s	10 spec In Nikau flowers	AKW-25	"	✓
Upper Riwaka Valley	NN	30 Jan 79	♂s	3 spec. Fuschia exotica leaves	- 17	"	✓
Kaihoka Lakes	NN	1 Feb 79	♂s	2 spec Nikau flowers	AKW-25	"	✓

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Upper Riwaka Valley	NN	30 Jan 79	♂'s	2 specimens <i>Fuchsia exorticata</i> leaves	AKW-17	NZAC		✓
Canaan Saddle	"	"	♂'s	7 spec <i>N. menziesii</i> seedlings	AKW-18	"		✓
"	"	"	♂'s	2 spec	"	"		✓
Mt. Sebastopol	MK	6 Feb 77	♂	In alpine flowers	AKW	"		✓
Rahu Saddle	BR	6 Feb 79	♂'s	3 spec <i>C. leucanthemum</i> flowers	AKW-49	"		✓
"	"	"	♂	"	"	"		✓
Mauhera SF	BR	19 Apr 72	♀	Litter 72/147	JSD	"	Micro	
Peamahuani I	CL	14 Nov 72	♂'s	3 spec <i>Muehlenbeckia</i>	GWTR	"		✓
Tr. to L. Selvester	NN	31 Jan 79	♀	young <i>N. menziesii</i> leaves	AKW-21	"		✓
Nelson	NN	30 Nov 63	♂'s	11 specimens On lemon trees + <i>Anobium</i> exits	BHT	"		✓
"	"	26+28 Nov 63	♀'s	5 specimens Stung thrips	Note 2	"		✓
"	"	1963	♂'s	12 spec. Ex <i>Anobium</i> holes	Note 3	"		✓
"	"	29 Nov 63	♂'s	4 spec Taken by <i>Spilomena</i>	Note 3	"		✓
Third House Dun	NN	29 Jan 79	♀'s	6 sp. fresh <i>N. fusca</i> leaves recently dead	AKW-10	"		✓
Whakipu	AK	24 Feb 79	♀'s	On <i>Lupinus</i> flowers/fol.	AKW-60	"		✓
"	"	"	♀	On <i>Ulex europaeus</i> foliage	AKW-61	"		✓
Dun Mt.	NN	29 Jan 79	♀'s	2 sp beating foliage	AKW	"		✓
Whangamoa Saddle	"	27 Jan 79	♀'s	2 sp sweeping grass	AKW	"		✓
"	"	"	♀	On <i>Ulex europaeus</i>	AKW	"		✓
Opouri Saddle	SD	28 Jan 79	♀'s	5 sp Beat. Cop. <i>robusta</i> foliage <i>scoparium</i>	AKW-2	"		✓
Third House Dun	NN	29 Jan 79	♀	Beat <i>L. ericoides</i> +	AKW-11	"		✓
"	"	"	♀	Base of tussock	AKW-13	"		✓
"	"	"	♀'s	Beat. <i>Ulex europaeus</i>	AKW-12	"		✓
Opouri Saddle	SD	28 Jan 79	♀'s	2 sp. Beat. dead branches leaves	AKW-3	"		✓
"	"	"	♀	On <i>Cop. foetidissima</i>	AKW-4	"		✓
Whangamoa Saddle	NN	27 Jan 79	♀	On <i>Nothofagus</i> leaves	AKW	"		✓
Farnsleigh	CO	8 Nov 78	♀'s	off nectarines	G. McLaren	"		✓
Cavalli Islands	ND	1 Jan 79	♂'s	15 sp. dead flax flowers	L. Roberts	"		✓
"	"	"	♂'s	11 sp.	"	"		✓
"	"	"	♀	Sweeping grassland "S1"	"	"		✓
Dun Mt	NN	29 Jan 79	♂'s	2 sp fresh <i>N. fusca</i> leaves recently dead	AKW-10	"	Small	✓
"	"	"	♂	On <i>Weinmannia racemosa</i> foliage	AKW-7	"	"	✓
Opouri Saddle	SD	28 Jan 79	♂	2 sp On <i>Cop. foetidissima</i> leaves	AKW-4	"	"	✓

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								apt	mac
Opouri Saddle	SD	28 Jan 79	♂'s	2sp On <sup>leaves of deadwood</sup> branches & <del>leaves</del>	Akw-3	NZAC	v small specs		✓
"	"	"	♂'s	3sp Cop. Nepentha leaves	Akw-2	"	"		✓
"	"	"	♂'s	2sp "	"	"	"		✓
Waipori	CO	19 Dec 79	♀	Ex pitfall trap in tussock	BIP Barrett	"			mic
Black Bligh Ra	MB	20 Feb 70	♂	Moss + moss 70/133	GK	"			mic
"	"	"	♂	"	"	"			mic
"	"	"	♂	"	"	"			mic
Fletchers Ck	BR	7 Mar 72	♀	Litter 72/118	J.M. Barrett	"			mic
Mt Robert	BR	3 Apr 68	♂	Mats 68/101	JSD	"			mic
"	"	"	♀	"	"	"			mic
"	"	"	♀	"	"	"			mic
Old Man Ra	CO	24 Feb 74	♀	Litter + debris 74/11	JCW	"			mic
Okere Falls Res	AK	20 Oct 79	♂	<sup>Weinmannia</sup> liverwort + litter under	JSD	"			mic
"	"	"	♂	"	"	"			mic
Pouakai Ra	TK	3 Dec 75	♀	Swards 75/209	JSD	"			mic
Dunstan Ra	CO	13 Jan 71	♀	Swards 71/1	JSD	"			mic
Pouakai Ra	TK	3 Dec 75	♂	Swards 75/209	JSD	"			mic
Earnsclough	CO	11 Nov 79	♀	Suction trap under <sup>peaches</sup> Mur	G McLaren	"			mac
"	"	"	♀	"	"	"			✓
"	"	12 Nov 79	♀	"	"	"			✓
"	"	19 Nov 79	♀	"	"	"			✓
"	"	"	♀	"	"	"			✓
Stephens Is	SD	Feb 71	♂	Litter 71/73	GWR	"			✓
L. Waikaremuana	GB	17 Jan 72	♂	Litter 72/18	"	"			✓
Earnsclough	CO	19 Sep 79	♀	Single Nectarine flowers	G McLaren	"			✓
"	"	"	♀	3 specimens "	"	"			✓
Alexandra	CO	22 Sep 79	♀	Nectarine flower	"	"			✓
"	"	"	♀	"	"	"			✓
Moerangi	TO	9 Oct 79	♀	Beating <sup>substratum</sup> Dracophyllum	JSD	"			✓
Earnsclough ✓	CO	19 Sep 79	♀	Single Nectarine flowers	G McLaren	"			✓
Stewart I	SI	13 Nov 68	♀	Beating scrub	JCW	"			✓
Mt Arthur 1778 m	NN	23 Mar 71	♀	Swards 71/76	J.M. Barrett	"			mic
Earnsclough	CO	10 Oct 79	♀	2 specimens <sup>peach trees</sup> Suction trap under Mur	G McLaren	"			mac





# Thrips physopales

Mac

Location	MC	Date	Sex	Host Plant	B. Harris	NZAC	Checked
Lincoln	"	5 Jan 79	♂	Sweeping <i>Lupinus angustifolius</i>	<del>DBR</del>	<del>DBR</del> NZAC	✓
"	"	"	♀	"	"	"	✓
"	"	"	♂	"	"	"	✓
"	"	"	♀	10 specimens "	"	"	✓
"	"	"	♂	4 specimens "	"	"	✓
3♂ 2♀							



Locality	Code	date	sex	plant	Collector	deposit	Apt	Mac
Auckland	AK	8/10 ?Feb 42	♂	gladiolus	Spiller	NZAC <del>DSHR</del>		✓
?		1966	♀	Gladioli leaves	L. Marter	AMNZ <del>AK PLUS</del>		✓
Owairaka	AK	19 Apr 39	♀	Tagetes erecta	Spiller	NZAC <del>DSHR</del>		✓
Auckland	AK	7 Feb 52	♀	x Gladioli spray	K.P. Lamb	"		✓
"	"	10 Jan 54	♀	x Gladiolus	S. Olsen	"		✓
Gisborne	GB	7 Feb 52	♀	x Gladioli	K.P. Lamb	"		✓
"	"	"	♂	"	"	"		✓
Levin	WX	22 Feb 67	♀	x Hypericum sp 1	S. Medding	PLNZ <del>DSHR</del>		✓
"	"	"	♀	"	"	"		✓
MARC	AK	11 Dec 78	♀	In Gladioli flowers	AKW	NZAC <del>DSHR</del>		✓
"	"	"	"	with assoc. larvae	"	"		✓
"	"	"	"	"	"	"		✓
"	"	"	"	"	"	"		✓
"	"	"	♂	"	"	"		✓

Locality	Code	date	sex	Plant	Collector	deposit	Apt	Mac
Little Barrier	CL	20 Feb 76	♀	coastal weed	A.K. Walker	<del>NZAC</del> NZAC		✓
Gisborne	GB	5 Mar 64	♀	Gladioli	S. Overbye	<del>PLNZ</del> PLNZ		✓
"	"	"	♂	"	"	"		✓
Levin	WN	29 Jan 64	♀	"	Manson	"		✓
Wanganui	WI	19 Feb 64	♀	"	-	"		✓
Whakarewarewa	BP	Jan 1957	♀	"	Zondag	"		✓
"	BP	" "	♀	"	"	"		✓
Christchurch	MC	24 Mar 71	♀	On cabbage together with aphids	c.F. Horning	<del>NZAC</del> NZAC		✓
Palmerston Nth	WI	19 Feb 65	♀	gladioli leaves	L. Morter	<del>PLNZ</del> PLNZ		✓
Wanganui	WI	19 Feb 64	♀	Gladiolus	Parnells	"		✓
Levin	WN	22 Jan 65	♀	Gladioli	Manson	"		✓
Palmerston Nth	WI	19 Feb 65	♀	gladioli leaves	L. Morter	"		✓
Gisborne	GB	5 Mar 64	♀	Gladiolus	J. Overbye	"		✓
"	"	19 Feb 64	♀	"	"	"		✓
"	"	"	♀	"	"	"		✓
"	"	"	♀	"	"	"		✓
Levin	WN	1 Mar 67	♀	Rose	A. Ward	"		✓
Mt Eden	AK	15 Mar 76	♀	x Garlic leaves in garden	T.T. Tan	<del>NZAC</del> NZAC		✓
"	"	9 Mar 76	♀	" & specimens	"	"		✓
Tirirangi	AK	30 Dec 74	♀	Ex lily flower	<del>N.A. Martin</del>	"		✓
"	"	"	♀	x Montbretia	"	"		✓
"	"	15 Jan 75	♀	" flowers	"	"		✓
"	"	30 Dec 74	♀	"	"	"		✓
Little Barrier	CL	22 Feb 76	♂	On gladiolus leaves	<del>A.K. Walker</del>	"		✓
"	"	"	♀	"	"	"		✓
"	"	"	♀	"	"	"		✓
"	"	"	Larva	"	"	"		✓
<del>Mt Eden</del>	<del>AK</del>	<del>9 Mar 76</del>	<del>♀</del>	<del>x Garlic</del>	<del>T.T. Tan</del>	<del>"</del>		<del>✓</del>
Auckland	AK	10 Feb (?) 72	♀	Gladiolus	Spiller T.F. Rabone	"		✓
"	"	"	♂	"	"	"		✓
"	"	"	♀	"	"	"		✓
"	"	"	♀	"	"	"		✓
"	"	"	♂	"	"	"		✓

214  
215  
216

①

Thrips tabaci Lindeman

Locality	Code	date	Sex	plant	Collector	deposit	Apt	Mac
Whangaroa Hills	ND	17 Sep 72	♀	Digitalis purpurea	-	<del>AMNZ</del> AMNZ		✓
Gisborne	GB	27 Jan 38	♀ prepupa	on Tomato	W. Collier	<del>NZAC</del> NZAC		✓
"	GB	"	5 larvae		"	"		✓
"	GB	"	1 pupa		"	"		✓
Palmston Nth	WI	3 Apr 30	♀	potato foliage	"	"		✓
"	WI	May 30	♀	onion foliage	"	"		✓
Pukekohe	PK	2 Feb 50	♀	onion seed	C Dawe	"		✓
"	"	"	♀	"	"	"		✓
"	"	"	♀	"	"	"		✓
"	"	"	♀	"	"	"		✓
"	"	"	♀	4 specimens "	"	"		✓
Intercepted fruit on luke		10 Jan 50	♀	2 " x lei	W. Collier	"		✓
Melson	NN	Apr 65	♀	On red clover	E.S. Gifford	"		✓
Atawhai	NN	3 Apr 66	♀	Sweeping browntop	A.C. Eyles	"		✓
Cromwell Gorge	CO	11 Jan 66	♀		"	"		✓
Mt Robert	BR	16 Jan 66	♀	Notothlaspi rosulatum <sup>flowers</sup>	A.K. Walker	"		✓
Bombay	PK	24 Jan 74	♀	14 specimens Ex Cabbage <sup>seedling</sup>	T.M. Ferguson	"		✓
Pukekohe	PK	Feb 75	♀	2 specimens Ex mature onions	"	"		✓
"	"	29 Jan 74	♀	2 specimens Lettuce seedlings	"	"		✓
"	"	24 Jan 74	♀	16 " cabbage seedlings	"	"		✓
Titirangi	PK	30 Dec 74	♀	EX Lily flower	N.A. Martin	"		✓
"	"	31 Dec 74	♀	x Onions	"	"		✓
"	"	16 Jan 75	♀	x Chrysanthimum flowers	"	"		✓
"	"	"	♀	x Daisy flowers	"	"		✓
Mt. Albert	PK	13 Dec 75	♀	17thaea rosea <sup>leaves</sup> (Hollyhock)	A.K. Walker	"		✓
Titirangi	PK	30 Dec 74	♀	x Onions	N.A. Martin	"		✓
Pukekohe	PK	29 Jan 74	♀	4 specimens Ex Artichokes	T.M. Ferguson	"		✓
Richmond Ra	NN	15 Mar 69	♀	Swards 69/111	A.C. Eyles	"		✓
Old Man Ra	CO	19 Feb 74	♀	? 1432m	J.S. Dugdale	"		✓
Parks Farm	NN	11 Jan 72	♀	sweep pasture	N.A. Martin	"		✓
"	"	"	♀	"	"	"		✓
"	"	"	♀	3 specimens "	"	"		✓
Titirangi	PK	16 Jan 75	♀	Daisy flower	"	"		✓

collected

Locality	code	date	sex	plant	collector	deposit	Host	Ma
Tirirangi	HK	3 Feb 75	♀	Tansy Flower	NH/M	INZAC <del>257R</del>		✓
"	HK	16 Jan 75	♀	R Daisy flower	"	"		✓
"	"	"	♀	X Chrysanthemum flower	"	"		✓
Levin	WN	7 Feb 72	♀	On chrysanthemums	H. Gordon	PLNZ <del>Levin</del>		✓
"	"	22 Feb 67	♀	Hypericum	S. Meddie	"		✓
"	"	7 Feb 72	♀	On chrysanthemums	H. Gordon	"		✓
Papaitonga	WN	4 Jan 66	♀	-	Manson	"		✓
City Market		30 Jan 70	♀	Cabbage	Whitham	"		✓
Levin	"	7 Feb 72	♀	On chrysanthemums	H. Gordon	"		✓
"	"	"	♀	"	"	"		✓
-	-	28 Feb 64	♀	Onions	A. Ward	"		✓
Blenheim	MB	1 Mar 67	♀	Shallots	McCallum	"		✓
Palmerston Nth	WI <del>WN</del>	2 Mar 64	♀	Chrysanthemum	Holms	"		✓
Levin	WN	21 Feb 72	♀	On Chrysanthemum	H. Gordon	"		✓
"	"	"	♀	"	"	"		✓
"	"	16 Dec 71	♀	Carnations	H. Gordon	"		✓
Wanganui	WI	14 Feb 64	♀	Chrysanthemums	J. Muirhead	"		✓
Blenheim	MB	1 Feb 67	♀	shallots	McCallum	"		✓
Levin	WN	16 Dec 71	♀	Carnations	H. Gordon	"		✓
Christchurch	MC	12 Feb 68	♀s	4 specimens X Carnations	Lehrke	"		✓
-	-	28 Feb 64	♀	Onions	A. Ward	"		✓
-	-	"	♀	"	"	"		✓
-	-	2 Jan 74	♀	Corgette for export	Baltrick	"		✓
Blenheim	MB	1 Mar 67	♀	shallots	McCallum	"		✓
-	-	2 Jan 74	♀	Corgette for export	Baltrick	"		✓
Levin	MN	24 Mar 66	♀s	3 specimens Dandelion	A. Ward	"		✓
-	-	2 Jan 74	♀	Corgette for export	Baltrick	"		✓
Levin	WN	12 Mar 69	♀	Ex peach trees	S. Meddie	"		✓
Wanganui	WI	14 Feb 64	♀	Chrysanthemum	J. Muirhead	"		✓
Palmerston Nth	WI	2 Mar 64	♀	"	Holms	"		✓
"	"	"	♀	"	"	"		✓
Levin	WN	11 Feb 68	♀	Yellow lupin	Pritchard	"		✓
"	"	12 Mar 69	♀	Ex peach trees	Meddie	"		✓

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Thrips tabaci Lindeman

Locality	Code	date	sex	plant	Collector	deposit	Hpt	Mac
Levin	NN	16 Dec 71	♀	Carnations	H Gordon	PLNZ <del>Levin</del>		✓
Blenheim	MB	1 Mar 67	♀	shallots	McCallum	"		✓
"	"	"	♀	"	"	"		✓
"	"	"	♀	"	"	"		✓
Palmerston Nth	WI	Feb 1930	♀	potato foliage	W Cottier	NZAC <del>DSIB</del>		✓
Riwaka	NN	Mar 58	♀	ltops	W Cottier	"		✓
"	"	"	♀	"	"	"		✓
Nelson	NN	14 Aug 43	♀	Mimosa	RDD	"		✓
Palmerston Nth	WI	11 Nov 30	♀	peas in glass house	W. Cottier	"		✓
"	"	"	♀	"	"	"		✓
Hastings	HB	-	♀s	3 specimens peas	J. Muggeridge	"		✓
"	"	8 Nov 32	♀	Quince	Granger	"		✓
"	"	"	♀	peas	Adamson	"		✓
"	"	"	♀	"	"	"		✓
"	"	"	♀	Quince	Granger	"		✓
Nelson	NN	4 Dec 41	♀s	2 specimens Linen flax	Muggeridge	"		✓
Riwaka	"	Mar 58	♀	ltops	W Cottier	"		✓
Gisborne	GB	27 Jan 38	♀	Tomato	"	"		✓
Owairaka	AK	9 Jan 40	♀	Tomato	D. Spiller	"		✓
"	"	10 Jan 40	♀	Radish	"	"		✓
Auckland	AK	19 Dec 47	♀	x Strawberry	-	"		✓
Hastings	HB	5 Nov 34	♀	Quince	Granger	"		✓
"	"	8 Nov 32	♀s	3 specimens Quince	"	"		✓
Palmerston Nth	WI	11 Nov 30	♀	Peas in glass house	W Cottier	"		✓
"	"	"	♀	"	"	"		✓
"	"	"	♀	"	"	"		✓
Mt Coole	MK	10 Jan 66	♀	Sweeping bushes	A.C. Eyles	"		✓
Christchurch	MC	14 Dec 54	♀	Tip of apple	D of A	"		✓
Auckland	AK	Feb 53	♀s	3 specimens On Sweet plants	IS Lamb	"		✓
Gisborne	GB	27 Jan 38	lupae	4 specimens Tomato	W Cottier	"		✓
"	"	"	lupae	1 larvae on Tomato	"	"		✓
Riwaka	NN	Mar 58	♀	2 specimens ltops	"	"		✓
Birdcote	AK	19 Dec 47	♀	x Strawberry	-	"		✓

Locality	Code	date	Sex	plant	Collector	deposit	Apt.	Mac
Owairaka	AK	29 Nov 39	♀	Pyrethrum	D Spiller	<del>NEAC</del>		✓
"	"	"	♀	"	"	"		✓
"	"	10 Jan 40	♀	Radish	"	"		✓
Riwaka	NN	Mar 58	♀	Hops	W. Cottier	"		✓
Hastings	AB	8 Nov 32	♀	Quince	Grainyer	"		✓
"	"	"	♀	"	"	"		✓
<u>Grasslands Survey</u>			♀	SP 17.7 564. R.A.	R.A. Campbell			
		Grasslands Survey	♀	2 specimens SP.7. RB11. P.17.	R.A. Campbell	"		✓
		4 Dec 74	♀s	5 specimens red cabbage	LB Pearson	"		✓
Richmond	NN	30 Nov 50	♀	Tre Lucerne	J. Yates	"		✓
Mt Domett	NN	Dec 71	♀	Mat plants 71/166 summit 5300'	J. McBarney	"		✓
Oraia	AK	21 Oct 74	♀	Kiwi fruit leaves	A.M. Ferguson	"		✓
Palmerston Nth	WI	2 Nov 34	♀	Cabbage	D. Todd	"		✓
"	"	5 Nov 34	♀	Geranium	"	"		✓
"	"	8 Nov 34	♀	Marigold	"	"		✓
"	"	3 Nov 34	♀	Cherry	"	"		✓
"	"	8 Nov 34	♀	Chrysanthemum	"	"		✓
"	"	"	♀	Lupin	"	"		✓
"	"	2 Nov 34	♀	Dock	"	"		✓
"	"	"	♀	Rape	"	"		✓
Riverhead	AK	31 Dec 74	♀	sweep pasture	N.A. Martin	"		✓
Parkes farm	NN	8 Feb 72	♀s	3 specimens sweep pasture	"	"		✓
Titirangi	AK	16 Jan 75	♀	Chrysanthemum	"	"		✓
Parkes farm	NN	8 Feb 72	♀	Sweep pasture	"	"		✓
"	NN	"	♀s	6 specimens sweep pasture	"	"		✓
"	"	15 Feb 72	♀	sweep pasture	"	"		✓
"	"	"	♀	Pit trap 3	"	"		✓
"	"	21 Mar 72	♀	sweep pasture	"	"		✓
"	"	4 Jan 72	♀	sweep "	"	"		✓
"	"	25 Jun 72	♀s	3 specimens "	"	"		✓
"	"	3 "	♀s	2 specimens "	"	"		✓
"	"	1 Feb 72	♀s	10 specimens "	"	"		✓
"	"	8 Feb 72	♀	Pit trap 4	"	"		✓

(5)

Phynips tabaci Lindeman

locality	Code	date	sex	plant	Collector	deposit	Appt	Mac
Porks farm	NN	23 Feb 71	♀	Emergence Trap	N.A. MANNING	NZAC DSUR	✓	✓
"	"	"	♀	pit trap	"	"	✓	✓
Invercargill	SL	17 Mar 77	♀	Sweep flowering <sup>Tritolium pratense</sup> red clover in washbowl	F.K. LINDEMAN	"	✓	✓
"	"	15 Mar 77	♀	On leeks ( <i>Allium porrum</i> )	"	"	✓	✓
"	"	17 Mar 77	♀	On seedling <i>Spartina</i>	"	"	✓	✓
"	"	15 "	♀	Sweep flowering <sup>Sisymbrium orientale</sup> oriental mustard	"	"	✓	✓
"	"	"	♀	"	"	"	✓	✓
"	"	"	♀	In seedling <i>Ulex europaeus</i>	"	"	✓	✓
"	"	17 "	♀	Beating flowering <i>Polygonum persicaria</i>	"	"	✓	✓
"	"	14 "	♀	Foliage flowers of <i>Plyssum</i> sp.	"	"	✓	✓
"	"	16 "	♀	Beating <i>Norkofagus solandri</i>	"	"	✓	✓
"	"	17 "	♀	On seedling <i>Spartina</i> sp.	"	"	✓	✓
"	"	"	♀	"	"	"	✓	✓
Lake Rotoiti	BR	24 Mar 77	♀	Sweep. flowers <i>Daucus carota</i>	"	"	✓	✓
"	BR	"	♀	Sweep. cecid foot	"	"	✓	✓
Porks Farm	NN	18 Mar 71	♀	Turf sample 14	N.A. MANNING	"	✓	✓
"	"	21 Jan 71	♀	-	"	"	✓	✓
Owairaka	AK	Feb 46	♀	x <i>Escallonia</i>	M.W. Carter	"	✓	✓
"	"	"	♀	"	"	"	✓	✓
Shorn Haokings	HB	3 Nov 34	♀	Quinces	Granger	"	✓	✓
<del>Palmersden North</del>	<del>WT</del>	<del>3 Nov 34</del>	<del>♀</del>	<del>Harriet-nut tree</del>	<del>D. Todd</del>	<del>"</del>	<del>✓</del>	<del>✓</del>
<del>"</del>	<del>WT</del>	<del>15 "</del>	<del>♀</del>	<del>Lupin</del>	<del>"</del>	<del>"</del>	<del>✓</del>	<del>✓</del>
<del>Gisborne</del>	<del>GB</del>	<del>26 Nov 34</del>	<del>♀</del>	<del>Lemon</del>	<del>Dallas</del>	<del>"</del>	<del>✓</del>	<del>✓</del>
<del>Haokings</del>	<del>HB</del>	<del>5 Nov 34</del>	<del>♀</del>	<del>Quince</del>	<del>Granger</del>	<del>"</del>	<del>✓</del>	<del>✓</del>
<del>Tauranga</del>	<del>BP</del>	<del>30 Nov 34</del>	<del>♀</del>	<del>Lemon</del>	<del>Dallas</del>	<del>"</del>	<del>✓</del>	<del>✓</del>
Pukaki	MK	17 Jan 77	♀	On <i>Daucus carota</i> flowers	F.K. Lindeman	"	✓	✓
"	"	"	♀	"	"	"	✓	✓
Invercargill	SL	15 Mar 77	♀	Sweep Lucerne	A.K.W.	"	✓	✓
"	"	"	♀	"	"	"	✓	✓
"	"	"	♀	"	"	"	✓	✓
"	"	"	♀	On <sup>leeks</sup> <i>Allium porrum</i>	"	"	✓	✓
"	"	17 "	♀	Beat. <i>Lupinus arboreus</i>	"	"	✓	✓
"	"	"	♀	base of <i>Agrostis tenuis</i>	"	"	✓	✓

⑥ Thrips tabaci Lindeman

Locality	Code	date	sex	plant	Collector	deposit	Appt	Mac
Invercargill	SL	17 Mar 77	♀	base of <i>Agrostis tenuis</i>	PKW	NZAC <del>DSLR</del>		✓
"	"	"	♀	Sweeping <i>Juncus</i> sp	"	"		✓
"	"	14 "	♀	On flowers & foliage <i>Dianthus</i>	"	"		✓
"	"	17 "	♀	Beet. Lupin foliage	"	"		✓
Haha	?	14 Jan 71	♀	<i>Tussock grassland</i>	Pötinger	LCNZ <del>Lincoln</del>		✓
Three Kings	-	16 Nov 70	♀	Litter 70/190	G. Koozekan	NZAC <del>DSLR</del>		✓
Chatham, Sisters		7 Feb 74	♀	Under ground plants	A. Wright	"		✓
"		1 Mar 61	♀	<i>Pimelia arenaria</i>	EW Valentine	"		✓
Lincoln	MC	19 Mar 68	♀	x Toe toe	Bob. Div	"		✓
Blenheim	MB	Nov 51	♀	White Clover	J.S. Timlin	"		✓
"	"	"	♂	"	"	"		✓
Palmerston Nth	WI	5 Nov 34	♀	Potatoe	D. Todd	"		✓
"	"	1 Nov 34	♀	Cabbage	"	"		✓
"	"	"	♀	Apple trees	"	"		✓
"	"	8 Nov 34	♀	Pea	"	"		✓
"	"	5 Nov 34	♂	Potatoe	"	"		✓
"	"	2 Nov 34	♂	Lucerne	"	"		✓
-	-	-	♂ <sup>1</sup> + ♀ <sup>3</sup>	<i>Besicimus Glacialis</i>	-	LCNZ <del>Lincoln</del>		✓
Massey	AK	25 Feb 75	♀	Strawberry	Clarke	MAF		✓
Otara	AK	17 Jan 75	♀	4 specimens	Dale	"		✓
Otara	"	-	♀	2 " <i>Lupinus albus</i>	"	"		✓
Hastings	HB	18 Oct 74	♀	4 " <i>Asparagus</i>	Parker	"		✓
Auckland	AK	20 Nov 74	♂	3 " On Strawberry flower damage	Dale	"		✓
Otara	AK	16 Jan 75	♀	1 ad. <i>Thrips</i> <i>Lupinus albus</i>	Palmer	"		✓
Owairaka	AK	9 Jan 40	♀	Tomato	Spiller	NZAC <del>DSLR</del>		✓
"	"	"	♂	"	"	"		✓
"	"	"	♂	"	"	"		✓
"	"	19 Apr 39	♀	<i>Targetes</i>	"	"		✓
Palmerston Nth	WI	9 Jan 74	♀	<i>Cononilla varia</i>	Lambrechtsen	LCNZ <del>MAF</del>		✓
Murapara	-	1 Feb 67	♀	Lucerne on foliage causing bronzing of	Sherlock	"		✓
Hastings	HB	1 Feb 78	♀ <sup>1</sup> ♀ <sup>1</sup>	x Rock Melon leaves	M.P. Taylor	MAF		✓
Invercargill	SL	15 Mar 77	♀	Beating broom foliage	PKW	NZAC <del>DSLR</del>		✓
Christchurch	MC	5 May 52	♀	x <i>Chrysanthemum</i> flowers	-	"		✓



⑦ *Thrips tabaei* check on Lupin species

Locality	Code	date	sex	plant	Collector	deposit	Mpt	Mac
Huha	-	14 Jan 71	♀	Tussock grassland	R.P. Poffinger	<del>LNZ</del> LNZ		✓
Owairaka	AK	29 May 40	♀	<i>Sandhus oleraceus</i>	D. Spiller	NZAC <del>LNZ</del>		✓
Three Kings	-	23 Nov 70	♀	Litter 70/201	G. Kasch	"		✓
Belfast	MC <del>AK</del>	7 Mar 64	♀	Celery	-	PLNZ <del>LNZ</del>		✓
Lincoln	MC	13 Jan 78	♀	Damage to <i>Lupinus angustifolius</i>	B.P. Stephenson	NZAC <del>LNZ</del>		✓
"	"	"	♀	"	"	"		✓
"	"	"	♀	"	"	"		✓
"	"	"	♀	"	"	"		✓
"	"	"	♀	damage to <i>Lupinus albus</i>	"	"		✓
"	"	"	♀	"	"	"		✓
Ruakura	WO	2 Feb 78	♀	on curled lucerne leaves	E. Indenzio	"		✓
Otakamini	AK	24 May 77	♀	Sweeping lucerne	O. Green	"		✓
Nr. Oamaru	MK	15 Feb 77	♀	On <i>Lupinus arboreus</i>	T.K. Crosby	"		✓
Wattle Bay	AK	24 Feb 77	♀	Sweeping mainly <i>Carex</i> sp.	B.P. Poffinger	"		✓
Conway Flats	KI7	15 Mar 77	♀	<i>Erythrina</i> Flower	R.P. Macfarl.	"		✓
"	"	"	♀	"	"	"		✓
Oamaru	MK	15 Feb 77	♀	On <i>Dacus carota</i> flowers	T.K. Crosby	"		✓
"	"	"	♀	"	"	"		✓
"	"	"	♀	"	"	"		✓
Farnsleigh	CO	24 Oct 78	♀	On nectarine branches	J. McLaren	NZAC <del>LNZ</del>		✓
Rahu Saddle	BR	6 Feb 79	♂'s	2 specimens On <i>C. leucanthemum</i> flowers	AKW-49	"		✓
Cobb Reservoir	NN	2 Feb 79	♂'s	11 specimens "	AKW-29	"		✓
Taylor Pass 800'	MB	7 Feb 79	♂'s	6 specimens On <i>Hebe parviflora</i> flowers	AKW-53	"		✓
Lower Waitau Valley	MB	"	♂'s	14 specimens On flowering lucerne	AKW-59	"		✓
Cape Campbell	KI7	"	♀	Base of tussock viny part.	AKW-57	"		✓
Taylor Pass	MB	"	♀	Base of <i>Juncus</i>	CAM 1418 AKW-52	"		✓
Cape Campbell	KI7	"	♀	Base tussock + sedge	AKW-58	"		✓
Lower Awatere	MB	"	♀	base of <i>Juncus</i>	AKW-56	"		✓
Taylor Pass	MB	"	♀	dead leaves <i>Cord. australis</i>	AKW-54	"		✓
Whitipu	AK	24 Feb 79	♂'s	10 sps. On <i>M. Mühlenbeckia</i> foliage	CAM-1499 AKW-69	"		✓
Farnsleigh	CO	8 Nov 78	♀	off nectarines	G. McLaren	"		✓



