

Specimens in NZAC. Orthodera ^{novaezealandae} ~~ministralis~~

Male! Nelson, NN@ 12 Mar 1921# D.O.Milligans 1

Female! Nelson, NN@ 4 May 1950# W.Richardss 1 411/1731 ✓

Female! Paraparaumu Beach, WN@ Mar 1956# M.B.Ashwins 1 405/1745 ✓

Male! Nelson, NN@ 3 Mar 1921# D.O.Milligans 1 411/1731

Male! Paraparaumu Beach, WN@ Mar 1956# M.B.Ashwins 1 405/1745

Male! Nelson, NN@ 3 Mar 1921# D.O.Milligans 1 411/1731

Male! Nelson, NN@ 26 Apr 1921# A.Philpotts 1 "

Male! Nelson, NN@ 8 Mar 1921# D.O.Milligans 1 "

Male! Nelson, NN@ 8 Mar 1921# A.Philpotts 1 "

1st Instar! Invercargill, SL@ 1 Sep 1948# R.Frizells 5 , on
fence post 462/1682 ✓

1st Instar! Henderson Valley, AK@ 30 Nov 1958# K.A.J.Wises

1, sweep netting 365/1743 ✓

1st Instar! Nelson, NN@ Sep 1963# E.S.Gourlays 6 411/1731

1st Instar! Nelson, NN@ 14 Aug 1963# E.S.Gourlays 1 "

6th Instar! Taupo, TO@ 1 Mar 1936# J.S.Armstrongs 1 384/1760 ✓

Ootheca (emerged)! Nelson, NN@ 25 Oct 1920# A.Philpotts 2 411/1731

Ootheca (emerged)! Invercargill, SL@ 1 Sep 1949# R.Frizells 1 462/1682

Male! Cromwell, CU@ 26 Mar 1984# J.S.Dugdales 1, several males
attracted to light at motel window at night 450/1691 ✓

Male! Kaikoura, KA@ no date# C.Lachners 1 422/1734 ✓

Female! Mt Albert, AK@ 20 Feb 1987# G.W.Ramsays 1 365/1744 ✓

6th Instar! Henderson, AK@ 15 Feb 1987# C.Greens 3 365/1743

Male! Bluff Hill, (Scinde Island), Napier, HB@ 28 Mar 1987#

T.H.Davies 2, on <Hibiscus>, Hornsey Road 392/1765 ✓

Female! Bluff Hill, (Scinde Island), Napier, HB@ 28 Mar 1987#

T.H.Davies 1, on <Cymbidium> orchid, Hornsey Road 392/1765

Female! Bluff Hill, (Scinde Island), Napier@ 21 Mar 1987#

T.H.Davies 1, 6th instar reared to adult 392/1765

Female! Bluff Hill, Napier HB@ 9 Apr 1987# T.H.&J.M.Daviess 1,
Lighthouse Road, on privet hedge 392/1765
Male! Bluff Hill, Napier, HB@ 9 Apr 1987# T.H.&J.M.Daviess 1,
Lighthouse Road, on privet hedge 392/1765
Female! Clyde, CO@ 10 Apr 1987# J.McLarens 1, in home garden 451/1692 ✓
Male! Clyde, CO@ 10 Apr 1987# J.McLarens 1, in home garden "
6th Instar! Mt Albert, AK@ 23 Feb 1987# G.W.Ramsays 5, on dwarf
conifers and dwarf manuka 365/1744
5th Instar! Mt Albert, AK@ 23 Feb 1987# G.W.Ramsays 2, on dwarf
conifers and dwarf manuka 365/1744
Female! Mt Albert, AK@ 23 Feb 1987# G.Halls 1, on dwarf
ornamental conifers and dwarf manuka 365/1744
1st Instar! Avondale, AK@ 3 Dec 1986* G.Hall* 17, newly emerging
from ootheca 365/1744
Female! Waiheke Island, AK@ May 1980# A.J.St Pauls 1, bright
yellow colour 364/1750 ✓
6th Instar! Greenlane, Auckland, AK@ 1978# MAFS 1, bright yellow
female nymph; In Lynfield MAF collection? 365/1744
Female! Mt Albert Research Centre, AK@ 2 Feb 1982# B.G.Bennetts
1, in culture 365/1744
Female! Mt Albert Research Centre, AK@ 8 Jul 1981# B.G.Bennetts
1, in culture "
Female! Mt Albert Research Centre, AK@ 18 May 1981# B.G.Bennetts
1, in culture "
Female! Mt Albert Research Centre, AK@ 16 Dec 1981# B.G.Bennetts
1, in culture "
Male! Mt Albert Research Centre, AK@ 6 Jul 1981# B.G.Bennetts 1,
in culture "
Male! Mt Albert Research Centre, AK@ 31 Dec 1981# B.G.Bennetts 1,
in culture "
Male! Motueka, NN@ Mar 1981# P. Hume\$ 1 410/1730 ✓

Male! Motueka, NN# Mar 1981# P. Humes 1 410/1730 ✓

Female! Mt Albert Research Centre, AK# 10 Sep 1979# G.W.Ramsays 1 365/1744

2nd Instar! Otata Island, The Noises, AK# 25 Oct 1979#

M.F.Tockers 1 364/1745 ✓

3rd Instar! Great Barrier Is., Junction I.# 31 Dec 1984#

A.B.Graces 1, sweeping shrubs 361/1751 ✓

5th Instar! Great Barrier Is., Opakau I. CL# 4 Jan 1985#

A.B.Graces 1, sweeping <Leptospermum> and <Erica> 361/1751

4th Instar! Great Barrier Is., Junction I. CL N259/580/727# 3 Jan

1985# A.B.Graces 1, in Malaise trap 361/1751

5th Instar! Great Barrier Is., Cliff I. CL# 30 Dec 1984#

A.B.Graces 1 sweeping <Cyathodes> and <Leptospermum> 361/1752 ✓

Female! Otara, AK# 28 Aug 1978# F.Reynolds 1 365/1745 ✓

Female! Otara, AK# 15 Aug 1978# F.Reynolds 1

Female! Manurewa Botanic Garden, AK# 17 Sep 1982# B.G.Bennett 1,

on <Cordyline australis> 370/1745 ✓

Female! Waikawau, CL# 24 Mar 1977# L.L.Deitz 1, on mangrove 363/1753 ✓

Female! Otara, AK# 6 Jul 1978# F.Reynolds 1 365/1745

Female! Glendhu, Lake Wanaka, OL# 1 Mar 1976# L.L.Deitz 1,

sweeping 444/1690 ✓

Female! Ruby Bay, NN# 6 Feb 1964# D.Read 1, straw coloured, a

small individual 411/1730 ✓

6th Instar! Kawerua, Waipoua, ND# 5 Feb 1975# A.K.Walker 1,

sweeping vegetation on beach 353/1732 ✓

5th Instar! Tengawai R. Pleasant Point, SC# 20 Feb 1976#

L.L.Deitz 1 441/1710 ✓

5th Instar! Alexandra, CO# 17 Feb 1976# G.W.Ramsays 1, sweeping 451/1692

3rd Instar! Alexandra, CO# 17 Feb 1976# G.W.Ramsays 1, sweeping "

4th Instar! Lake Ohia, Karikari Peninsula, ND# 22 Sep 1976#

J.S. Dugdales 1, sweeping at night 345/1732 ✓
 3rd Instar! Speargrass Valley, Coronet Peak, UL@ 14 Feb 1976#
 L.L. Deitzs 2, sweeping grasses 445/1634 ✓
 2nd Instar! Speargrass Valley, Coronet Peak, UL@ 14 Feb 1976# L.
 L. Deitzs 1, sweeping grasses "
 Ootheca! Christchurch, MCA 1944# J.C. Yaldwyns 20, all emerged 433/1723 ✓
 Male! @ # no datas 4
 Female! Mt Albert, AK@ 16 Sep 1980# G. Halls 1, kept in captivity
 from 20 June 1980 365/1744
 Female! Epsom, AK@ 12 Apr 1979# V.J. O'Briens 1, in house 365/1744
 Female! Otara, AK@ 1 Jun 1978# F. Reynoldss 1, reared 365/1745
 Male! Mt Albert, AK@ 18 Jun 1980# B.G. Bennetts 1, on <Protea> 365/1744
 Male! Roaring Meg, Kawarau Gorge, CO@ 8 Mar 1979# J.C. Watts 1,
 beaten at night 450/1690 ✓
 Male! Queensberry, CO@ 9 Mar 1979# J.C. Watts 1, beaten from
 Kanuka, small specimen 445/1692 ✓
 Male! Remuera, AK@ 28 Mar 1978# J.M. Clearys 2 365/1744
 Female! Otara, AK@ 28 Jun 1980# F. Reynoldss 1, kept in captivity
 from May 365/1745
 Male! Otaki, WNA 7 Mar 1978# L.L. Deitzs 1, sweeping 404/1750 ✓
 Ootheca! Noises Is., Motuhoropapa I., AK@ 29 Jun 1979# G. Halls 1 364/1745
 1st Instar! Remuera, AK@ 13 Dec 1977# J.M. Clearys 15, emerging 365/1744
 1st Instar! Noises Is., Motuhoropapa I., AK@ 23 Oct 1978#
 D.W. Helmores 1, beating 364/1745
 1st Instar! Mt Albert Research Centre, AK@ 16 Sep 1980#
 B.G. Bennetts 1, breeding trial for yellow coloration, died 18 Sep
 1980 365/1744
 2nd Instar! Noises Is., Motuhoropapa I., AK@ 13 Jan 1978#
 L.L. Deitzs 1 364/1745
 3rd Instar! Noises Is., Motuhoropapa I., AK@ 16 Jan 1978#

Ootheca Mt Albert, 27/7/88
 M.B. Herbert 7 ~~8~~ oothecae
 Ootheca Christchurch
 16/8/88
 J. Castle 8 9 oothecae
 Ootheca Pt. Cleaveler, AK
 29/7/88 D.I. Gardiner
 8 oothecae
 Ootheca Halswell, Christchurch
 July 1988
 R.D. Macfarlane
 7 oothecae (one abnormal)
 Ootheca Tainui,
 A. Duxedin 28 May 1987
 D. Sanderson
 Ootheca Auckland & Mt. Albert Res. Centre
 June 1985 B.G. Bennett
 deformed.
 Female New Plymouth 18 May 1989
 E. McCutcheon
 Ootheca Ahipara Northland 23 Sept. 1987
 G. Messenger.
 one abnormal, 6 other examples.
 Ootheca New Plymouth 18 May 1989
 one abnormal 3 other examples
 E. McCutcheon

- L.L.Deitzs 364/1745
- 6th Instar! Remuera, AK@ 28th Mar 1978# J.M.Clearys 4, one male
three female 365/1744
- Male! Mt Albert, AK@ 9 Apr 1984# B.G.Bennetts 1 365/1744
- Female! Onehunga, AK@ 8 Apr 1984# B.G.Bennetts 1 "
- Female! Mt Albert, AK@ 9 Apr 1984# B.G.Bennetts 3 " +
- Male! Mt Albert, AK@ 9 Apr 1984# B.G.Bennetts 1 "
- Female! Takapuna, AK@ 10 Feb 1986# Ms Fergusons 1 364/1744 ✓
- Ootheca! Bethells, Matuku Reserve, AK@ 28 May 1985# G.Halls 2, on
<Astelia> on fallen log, emerged 365/1742 ✓
- Ootheca! Great Barrier Is., Large Junction I., CL@ 31 Dec 1984#
A.B.Graces 1, beaten from mahoe plant, partly emerged 361/1751
- Female! Mt Albert, AK@ 23 Apr 1984# T.K.Crosbys 1, hind-wings
only specimen captured and cannibalised by another female 365/1744
- 1st Instar! Titirangi, AK@ Nov 1980# P.A.Maddisons 4, in Malaise
trap in garden 365/1743
- 1st Instar! Titirangi, AK@ Dec 1980# P.A.Maddisons 1, Malaise trap
in garden 365/1743
- 1st Instar! Titirangi, AK@ Jan 1981# P.A.Maddisons 1, in Malaise
trap in garden 365/1743
- 1st Instar! Noises Is., Otata I., AK@ 31 Oct 1977# L.L.Deitzs 1,
sweeping 364/1745
- 1st Instar! Noises Is., Otata I., AK@ 14 Jan 1978# L.L.Deitzs 1,
sweeping 364/1745
- 1st Instar! Titirangi, Minehaha Reserve, AK@ 9 Dec 1980#
P.A.Maddisons 1, beating shrubs 365/1743
- Male! Mt Albert, AK@ 25 Mar 1984# T.K.Crosbys 1, head and half of
pronotum eaten by female during copulation 365/1744
- 6th Instar! Mt Albert AK@ 25 Feb 1987# G.W.Ramsays 3, three
penultimate males , gonads removed and preserved for cytological

study by Dr D. Lambert, Zoology Department, Auckland University,

26 Feb 1987 365/1744

Male! Lincoln College, MC@ 23 Mar 1966# A.Fergusons 1, on road in pasture 433/1722 ✓

Male! Nelson, NNE 1966# A.Parrotts 1 411/1731

Male! Nelson, NNE 25 Mar 1950# G.W.Ramsays 1 "

Male! Nelson, NNE Mar 1949# G.W.Ramsays 1 "

Male! Kelburn, WNE 1972# C.M.Schippers 1, in light trap 411/1744 ✓

Female! Mt Albert, AK@ 1 Jun 1982# M.B.Herberts 1 365/1744

Female! Taupo, TO@ 9 Apr 1938# J.S.Armstrongs 1 384/1760

Female! Lincoln College, MC@ 3 Mar 1966# A.Fergusons 1, on shrub 433/1722

5th Instar! Unuwaho, Spirits bay NDE 12 Jan 1957# R.A.Cumbers 1,

female nymph 342/1725 ✓

Female! Stokes Valley, WNE 5 Jun 1956# P.J.Castles 1 411/1745 ✓

Ootheca! Mt Albert, AK@ 1983# G.Halls 1, partially emerged only 365/1744

Ootheca! Mt Albert, AK@ 1983# G.Halls 1, emerged 365/1744

Ootheca! Papakura, AK@ 3 Apr 1938# E.M.Thorps 1, not emerged, very large, on citrus 370/1745

Ootheca! Masterton, WA@ Apr 1987# J.Roses 1 405/1754 ✓

Female! Waitangi, NDE 27 Apr 1987# T.K.Crosbys 1 351/1740 ✓

Female! Mt Albert, AK@ 25 May 1987# J.A.Berrys 1 365/1744

Female! Mt Albert, AK@ 8 Jun 1987# J.A.Berrys 1 "

Female! Mt Albert, AK@ 23 Jun 1987# J.A.Berrys 1 "

Female! Ahipara, NDE 9 Apr 1987# G.Messengers 3 351/1730 ✓

Male! Ahipara, NDE 9 Apr 1987# G.Messengers 1 "

Female! Wairoa GB@ May 1987# Wairoa College students (per

Mrs.Y.McKinnons 8, ex manuka 390/1772 ✓

Male! Wairoa GB@ May 1987# Wairoa College students (per

Mrs.Y.McKinnons 2, ex manuka 390/1772

Female! Gisborne GB@ May 1987# Mrs.Y.McKinnons 1 383/1780 ✓

3rd Instar! Korapukē I, Mercury Is., CL@ 15 Dec 1987 # G.Hall \$
1, in malaise trap. 364/1755 ✓

Male! Gisborne GB@ May 1987# Mrs.Y.McKinnons 3 383/1780

Records of Nat. Mus. Collection listed further on
should be included here.

Canterbury Museum material

Fendalton MC 30 March 1879 433/1723

Governor's Bay MC 1920/30 J.F. Tepley 433/1723

Kowhai River, North Canterbury KA 1921 422/1733 ✓

Spreydon MC 1938 S. Lindsay 433/1723

Waipara, North Canterbury MC March 1921 G. Arceley 430/1724 ✓

Nelson NN D. Milligan 411/1731

Christchurch city oothecae MC August 1965 433/1723
D. Green.

Auckland Museum material.

from

Martin, Rangitikei

Hibiscus Coast, AK

Whangaroa, Tauranga Bay, Northland

Orua County, Manawatu

Otamatea County Kaipara.

1, in malaise trap. 364/1755 ✓

Male! Gisborne GB@ May 1987# Mrs.Y.McKinnons 3 323/1780

Female! Mt Albert AK@ 9 Aug 1987# T.K.Crosbys 1, capturing prey (bee?) 3 metres up in a clump of bamboo 365/1744

Female! Twizel MK@ 9 May 1987# A.C.Harriss 1 441/1700 ✓

Records from correspondence and personal communication

Present! Hamilton, WO@ mid Jul/Aug# V.B.Meyer-Rochows 374/1751

Male! Laingholm, AK@ 9 Jun 1984# R.Kleinpastes 1, males attracted to light up to this date 365/1743

Male! Mt Albert, AK@ 23 Jun 1984# T.K.Crosbys 1, last male of the season 365/1744

Female! Mt Albert, AK@ 23 Jun 1984# T.K.Crosbys 53, only one male survived to this date 365/1744

Ootheca! Cromwell, CO@ 19 May 1984# T.K.Crosbys 7, three new, three old and emerged 450/1691

Female! Cromwell, CO@ 19 May 1984# T.K.Crosbys 1, on golden conifer 450/1691

Female! Hanmer Springs, MB@ 6 Mar 1973# M.Meads 1 423/1725 ✓

Present! Hutt Valley, WNE # M.Meads 411/1745 yellow

Present! Wainuiomata, WNE # M.Meads "

Present! Earnscliffe, CO@ summer# B.H.Patricks very common 451/1692

Present! Alexandra, CO@ # B.H.Patricks very common 451/1692

Present! Roxburgh, CO@ summer# B.A.Patricks few 453/1691 ✓

Present! Queenstown, OLE summer# B.A.Patricks 450/1684 ✓

Present! Damaru, DNE summer 1977-1980# B.H.Patricks not common 450/1705 ✓

Ootheca! Te Puke, BP@ # D.Stevens 374/1762 ✓

Ootheca! Bendigo Station, CO@ 10 Apr 1987# J.McLarens 1, on post in MWD drought resistant tree trial plot in scab-weed area 445/1692

Present! Rotorua, BP@ March 1987# G.Halls 380/1761 ✓

Present! Sandringham, Aka March 1986# P.Sutherland's bright yellow colour 365/1744

6th Instar! whatawhata, west Hamilton, W08 Feb 1985# D.Bishops bright yellow colour (photograph) 374/1750 ✓

Present! Featherston, WA8 J.D.Tenquists common during summer 1987

Present! Roxburgh, CO8 A.C.Harriss abundant, several valleys behind to the west have high populations 1987 453/1691

Present! Queenstown, OL8 A.C.Harriss abundant 1987 450/1684

Present! Wanaka, OL8 A.C.Harriss abundant 1987 444/1691 ✓

Present! Hawea, OL8 A.C.Harriss abundant, shores at eastern end of lake are the centre of a population of bright yellow individuals, both nymphs and adults, replacing normal green population? 1987 443/1691 ✓

Present! Clyde, CO8 A.C.Harriss bright yellow form present but in lesser numbers than the normal green form 1987 451/1692

Present! Damaru, DN8 A.C.Harriss 1987 450/1705

Present! Fielding, WL8 F.Chamberss 1987 401/1753 ✓

Present! Wanganui, WL8 F.Chamberss 1987 395/1750

Present! New Plymouth, TK8 E.McCutcheons very abundant, has become much more common during the last five years, common throughout Taranaki 1987 390/1740 ✓

Present! Patea, TK8 E.McCutcheons 1987 394/1742 ✓

Present! Mt Messenger, TK8 E.McCutcheons 1987 385/1743 ✓

Present! Stratford, TK8 E.McCutcheons 1987 392/1741 ✓

distribution information

Christchurch, MC8 Homewood (1978) 433/1723

Hamilton, W08 Gibbs (1983) 374/1751 ✓

Kerikeri, ND8 [Clark] (1985) 351/1735 ✓

Cavalli Islands, ND8 Roberts (1979) 345/1735 ✓

Urevera - Tahoe District, Best (1909)

Balkantrae - Woodville, McGregor, Watts, Erson (1987) 402/1755

Port Hills, Christchurch, Winterbourn (1987) 433/1724 ✓

Boulder Bank, Nelson, NN8 Walker (1976) 411/1731

Published

Present Whakamarama, Tauranga BP 5 May 1982 N.C.Smith 374/1760 ✓

Present Tauranga BP 7 May 1982 N.C.Smith 374/1761 ✓

Present Outram, Taieri Plain DN April 1987 A.C.Harris common 455/1701 ✓

Present Magiel, Taieri Plain DN April 1987 A.C.Harris common 455/1702 ✓

Present Wingatui, Taieri Plain DN April 1987 A.C.Harris common 455/1702 ✓

Present Tainui, ^{South} Darnedim DN April 1987 D.Sanderson ootera 455/1703 ✓

Adult Wellington WN 7/4/38 Taylor 411/1744 ✓

Adult Hodder Valley, Tapuaeuhia, Kaikoura KA 30/3/56 C. Mc Cann 415/1733 ✓

Adult 1.1.1. 1.1.1. 17/1/60 K. Taylor

Adult Mt. Wellington, Auckland, AK ~~at~~ 2nd August 1987 Mr Read 365/1745

Adult Mt. Albert, Auckland AK 4th October 1987 T.K. Crosby 365/1744

Ootera (Lowly laid) Mt. Albert Auckland AK beginning of August 1987 T.K. Crosby 365/1744

1st Instars, Mt. Wellington, Auckland AK Sept. 29th Mr. Read 1987 365/1745

1st Instars Henderson, Auckland AK Sept 27th 1987 J.S. Dwyer 365/1743

1st Instars Titirangi, Auckland AK Sept. 27th 1987 G.A. Ransay 365/1743

1st Instars Mt. Albert, Auckland AK Sept 20th 1987 T.K. Crosby 365/1744

~~Female, Waitangi ND Apr 20th 1987 T.K. Crosby~~

Present, Rotorua BP April/May 1987 M. Nuttall very common 380/1761

Adult in FRI collection Ngongotaha, Rotorua BP 10 March 1959 K. Nuttall 380/1761

Adult Whakarewarewa, Rotorua BP 25 March 1959 R. Zondag 381/1761 ✓

Adult Te Puke, Bay of Plenty BP yellow 2 June 1965 Mr. Bowyer 374/1762

~~Present Teuigel, MK May 1987 A.C.Harris common~~

Present Middlemarch, Otago CO May 1987 A.C.Harris 453/1700 ✓

- Ballantrae - Woodville McGregor, Watts, Erson (1987) 402/1755
- Port Hills, Christchurch Winterbourn (1989) 433/1724 ✓
- Boulder Bank, Nelson, NNE Walker (1976) 411/1731
- Banks Peninsula, MCE Martin (1929) 434/1725 ✓
- Banks Peninsula, MCE Johns (1986) "
- Kauri Gully, Auckland, AKE Caudell (1927) (?)
- Auckland, AKE Broun (1896) _____
- Auckland, AKE Hutton (1897) _____
- Woolston, Christchurch, MCE Kirk (1906) 433/1724
- Auckland, AKE Roach and Turbott (1953) _____
- Hastings, HBE MacMillan (1981) 393/1765 ✓
- Chatham Islandse MacFarlane (1979) ✓
- Oaro, Kaikoura KAE Jowett (1981) 1987 423/1733
- Long Island, SDE Moeed and Meads (1982) 410/1741 ✓
- Motuara Island, SDE Moeed and Meads (1982) "
- Pickersgill Island, SDE Moeed and Meads (1982) "
- Cass, MCE Burrows (1977) 430/1714 ✓
- Hammer Springs, MBE Johns et alia (1980) 423/1725
- Canterbury Lowlands, MCE Harrison and White (1969) _____
- Clyde, COE Hutton (1897) 451/1692
- Napier, HBE Colenso (1882) 392/1765
- Riccarton, MCE Potts (1884) 433/1723
- Akaroa, MCE Potts (1884) 434/1725
- Amberley, MCE Potts (1884) 430/1724
- Clyde, COE Potts (1884) 451/1692
- Cromwell, COE Potts (1884) 450/1691
- Nelson, NNE Hudson (1892) 411/1731
- Wellington, WNE Thomson (1922) 411/1744
- Taranaki, IKE Thomson (1922) _____
- Damaru, DNE Thomson (1922) 450/1705
- Palmerston North, WLE Suckling (1984) 402/1753 ✓
- Auckland, AKE Ward (1969) _____

Adult	Wellington	WN	7/4/38	Taylor	455/1703 ✓
Adult	Hodder Valley, Tapuae-nui, Kaipara	KA	30/3/56	C. McCann	411/1744 ✓ 445/1733 ✓
Adult	Wellington	WN	17/6/60	K. Jackson	411/1744 ✓
Nymph	Tararangi Valley, Wairarapa	WA	23/2/61	R.G. Ordish	412/1750 ✓
Adult	Lake Wairarapa	WA	25/4/60	R.G. Ordish	411/1751 ✓
Adult	Wellington	WN	March 1971		411/1744 ✓
Adult	Tiritiri Island, Hauwhi Gulf	AK	March 1962	A. Wright	423/1745 ✓
Adult	Upper Hutt, Wellington	WN	14/3/69	M.D. Andrews	410/1750 ✓
Adult	Great Barrier Island	CL	20/4/65	R.G. Ordish	361/1752 ✓
Adult	Waitare Beach, Levin	WN	22/2/70	R.G. Ordish	403/1751 ✓
Adult	Wellington, Natural Museum Grounds	WN	27/6/85	R.G. Ordish	411/1744 ✓
Adult	Naenae, Hutt Valley, Wellington	WN	March 76	C. Andrews	411/1745 ✓
Adult	Wanganui	NI	May 1982	W.J. Arnold	395/1750 ✓
Adult	Lower Hutt	WN	20/4/63	Andrews	411/1745 ✓
Adult	Kaitiaki, Northland	ND	March 1961	K. Barsett	350/1731 ✓
Adult	Lower Hutt, Rector St. School	WN	April 1965	C. Byers	411/1745 ✓
Adult	Ashburton	MC	May 1887	W.W. Swan	435/1744 ✓
Adult	Fentleson, Wairarapa	WA	April 1873	Bridwell	410/1752 ✓
Adult	Paeroa	VO	April 1905	E.S.B. Moss	372/1754 ✓

National Museum Collection

~~Standard ground (1711) section~~
~~not corresponding to present counts~~

present	Wingatui, Danedin	DN	Feb 1987	G. Bremner	455/1702 ✓
present	Levin	WN	Feb 1987	J.I. Cowland	403/1751 ✓
present	Harelock, Mt. Cawte, Pelorus Sand	SD	Feb 1987	D. Jennings	411/1734 ✓
present	Lincoln, Canterbury	MC	Feb/Mar 1987	R.P. MacFarlane	433/1722 ✓
present	Whangarei	ND		R. Blain	351/1742 ✓
present	Fuschia Creek, Awatere in river flat scrub	MB		P.M. Johns	413/1741 ✓
present	Mt Fyffe, Kaipara 3,200'	KA			421/1733 ✓
	-photograph of mantid eating wasp on upper edge of beech forest			P.M. Johns	

Negative distribution data

Orongorongo Valley, WNE Meads (in litt.)

Clutha Valley (Below Roxburgh), SL/DNE Patrick (in litt.)

Dunedin, DNE Patrick (in litt.)

Palmerston, DNE Patrick (in litt.)

Mosgiel, DNE Patrick (in litt.)

Southland, SL@ Patrick (in litt.)

Westport, NNE McLellan (in litt.)

Roxburgh^u, CO@ Harris (in litt.) distribution patchy east of this town

Mosgiel, DNE A.C. Harris (in litt.), thorough collecting

Dunedin, DNE A.C. Harris (in litt.), not collected in four years of operating four malaise traps

Stewart Island, SIE A.C. Harris (in litt.) thorough collecting

Mt Egmont National Park, TKE F. Chambers in west, south and east areas not found in many years of sweep-netting

Manawa, + South Taranaki area TK Peter Peckham (in litt.)

Opunake, Taranaki TK F. Chambers (T.K.C. July 20th 1984)

Tekapo, Canterbury MK P. Quinn

Specimens in NZAC, *Miomantis caffra*

Female! Mt Albert Research Centre, AK# 1979#

365/1744 ✓

M. Lessiter's 4, reared: emerged Nov 1978 died 10 May

1979 Nov 1978 died 30 Aug 1979

died 12 Feb 1979 Nov 1978 died Aug 1979

Ootera Takapuna AK 18 Sep 1988
D. Steven

Female! Mt Albert Research Centre, AK# 1981# B.G. Bennetts, 4

reared: died 7 Aug 1981

died 1981 died 11 Aug

1981 died 2 Jul 1981

Female! Mt Albert Research Centre, AK# 1983# B.G. Bennetts 1

reared: died 30 Jun 1983

Female! Mt Albert Research Centre, AK# 1984# B.G. Bennetts 11

reared: killed 9 Aug 1984

killed 26 Jan 1984 killed

1984 killed 26 Jan 1984

killed 16 Jan 1984 killed 1984

killed 16 Jan 1984 killed 26

Jan 1984 killed 26 Jan 1984

killed 26 Jan 1984 killed 16 Jan 1984

killed 16 Jan 1984

Female! Mt Albert Research Centre, AK# 1985# B.G. Bennetts 3,

reared: died 30 May 1985

died 12 Aug 1985 died Apr

1985

Female! Mt Albert Research Centre, AK# 1986# J.A. Berrys 1,

reared: died 3 Oct 1986

Female! Mt Albert Research Centre, AK# 1987# J.A. Berrys 1,

reared: died 30 Mar 1987

died Feb 1987, cannibalised by another female

died 9 Feb 1987, failed to moult

successfully

Female! Mt Albert Research Centre, AK# no data# B.G.Bennetts 3,

reared

Female! Mt Albert, AK# 1980# D.Gardiners 4, reared:

died Jul 1980

died 27 Sep 1980

died 18 Oct 1980

died 23 Oct 1980

Female! Point Chevalier, AK# 1981# D.Gardiners 6, reared:

died 27 Apr 1981 (2)

died Oct 1981 (4)

Female! Point Chevalier, AK# 1983# D.Gardiners 2 reared:

died 1983

Female! Point Chevalier, AK# 1982# D.Gardiners 6, reared:

died Sept 1982 (6)

Female! Point Chevalier, AK# August 1981# D.Gardiners 1

Female! Glen Eden, AK# Aug 1983# N.A.Martins 1, kept in

laboratory until death 14 Jan 1984

Female! Mangere Bridge, AK# 12 Jun 1986# B.G.Bennetts 1

Female! Herne Bay, AK# Mar 1985# M.Lessiters 1

Male! Mt Albert Research Centre, AK# 1981# B.G.Bennetts 3,

reared:L

died 27 Jul 1981

died 16 Sep 1981

died 16 Nov

1981

Male! Mt Albert Research Centre, AK# 1984# B.G.Bennetts 5,

reared:

died 10 Apr 1984

died 14 Feb 1984

died 26 Jun

1984

died 14 Feb 1984

died 1984

Male! Mt Albert Research Centre, AK# 1986# J.A.Berrys 1, reared:

died 12 Sept 1986

365/1744

365/1743 ✓

365/1744

365/1744

male! Mt Albert Research Centre, AK# 1987# J.A.Berrys 2, reared:

died 18 Feb 1987

died 4 Mar 1987

Male! Point Chevalier, AK# 26 Apr 1986# J.A.Berrys 1

Nymph! Mt Albert Research Centre, AK# 1981# B.G.Bennetts 1,

reared: male 5th instar died 23 Oct 1981

Nymph! Mt Albert Research Centre AK# 1983# B.G.Bennetts 1,

reared: female 3rd instar died 30 Jun 1983

1st Instar! Mt Albert, AK# 28 Mar 1985# P.A.Maddison#s 1, on

tarmac at MARC

3rd Instar! Mt Albert, AK# 28 Mar 1985# P.A.Maddison#s 2, on tarmac

at MARC

4th Instar! Mt Albert research Centre, AK# 1985# G.Halls 1,

reared: emerged Aug 1985, died 4 Oct 1985

Nymphs! Mt Albert Research Centre, AK# 1984# B.G.Bennetts 2,

reared: female 6th instar, died 9 Aug 1984

male 6th instar, died 9 Aug 1984

Nymph! Mt Albert Research Centre, AK# 1986# J.A.Berrys 1, reared:

male 6th instar, died 1 Apr 1986

Nymph! Mt Albert Research Centre, AK# 1987# J.A.Berrys 1, reared:

female 5th instar, died 14 Feb 1987

Nymph! Mt Albert Research Centre, AK# 1987# J.A.Berrys 1, reared:

female 4th instar, died Feb 1987

Nymph! Mt Albert Research Centre, AK# 1987# J.A.Berry# 1, reared:

female 4th instar, died Feb 1987

Nymphs! Point Chevalier, AK# 1981# D.Gardiners 3, reared:

male 5th instar, died Feb 1981 (3)

1st Instar! Mt Albert Research Centre, AK# 1983# G.Halls 8,

reared: died on emergence Sep 1983

1st Instar! Mt Albert Research Centre, AK# 1986# J.A.Berrys 18,

reared: emerged 12 Dec 1986

1st Instar! Mt Albert Research Centre, AK# 1980# B.G.Bennetts 1, from

- reared: emerged 12 Dec 1986
- Ootheca! Mt Albert Research Centre, AK# 1980# B.G.Bennetts 1, from culture
- 1st Instar! Mt Albert Research Centre, AK# 1980# B.G.Bennetts 12,
- reared: emerged 18 Nov 1980
- Male! Mt Albert Research Centre, AK# 25 Feb 1987# J.A.Berry# 1, teneral specimen taken to Zoology Department, University of Auckland for fixation of gonads for cytological study. Specimen may be too old
- Female! Mt Albert Research Centre, AK# 16 Feb 1986# B.G.Bennetts 1, reared, cannibalised by another female whilst still teneral; head only eaten
- Female! Mt Albert Research Centre, AK# 1982# B.G.Bennett# 1, reared
- Female! Mt Albert Research Centre, AK# Feb 1984# B.G.Bennetts 1, reared
- Ootheca! Mt Albert Research Centre, AK# 1982# B.G.Bennetts 3, reared, emerged
- Ootheca! Mt Albert Research Centre, AK# 1981# B.G.Bennetts 3, reared, emerged
- Ootheca! Mt Albert Research Centre, AK# 1983# B.G.Bennetts 2, reared, emerged
- Ootheca! Mt Albert Research Centre, AK# 1979# M.Lessiters 4, reared, emerged
- Ootheca! Mt Albert Research Centre, AK# 1980# M.Lessiters 3, reared, emerged
- Ootheca! Point Chevalier, AK# 1979# D.Gardiners 1, reared, emerged
- Ootheca! Point Chevalier, AK# 1980# D.Gardiners 1, reared, emerged

Ootheca! Point Chevalier, AK# 1981# D.Gardiners 1, reared,
emerged

Ootheca! Point Chevalier, AK# 1982# D.Gardiners 27, reared,
emerged

Ootheca! Point Chevalier, AK# 1983# D.Gardiners 19, reared,
emerged

Ootheca! Mt Albert Research Centre, AK# 1984# D.Gardiners 1
reared, emerged

Female! Mt Albert Research Centre, AK# Feb 1984# B.G.Bennetts 1

Male! Mt Albert Research Centre, AK# Apr 1984# B.G.Bennetts 1

Female! Goat Island Bay, Leigh, AK# Mar 1987# J.Evanss 1

Female! Carlton Gore, Auckland City, AK# 12 Aug 1987# P.Walshs 1

361/1744 ✓

365/1744

Male - Kaitiain 15 April 1989
G. Messenger

Female Royal Oak April 1989 R.E Beaver

Male Royal Oak April 1989 R.E Beaver

Records from correspondence and personal

communication

Female! Henderson, AK# Jul 1986# J.S.Dugdales 1 365/1743

Ootheca! Henderson, AK# Jul 1986# J.S.Dugdales 1, several present

1st Instar! Howick, AK# 26 Jun 1985# P.L.Wildings 1 365/1745 ✓

Female! Howick, AK# Mar 1985# P.L.Wildings 1, still surviving in
June, numerous specimens present, 23 Whitford Road

Ootheca! Howick, AK# 27 Jun 1985# P.L.Wildings common fences
and buildings

Female! Mt Albert, AK# 5 Jul 1985# D.Gardiners 7, active and
ovipositing. 365/1744

Male! Mt Albert, AK# Apr 1985# D.Gardiners 2

Female! Waiuku, AK# 3 Jun 1985# M.Tockers 1 371/1744 ✓

Female?! Remuera, AK# Apr 1985# \$ 1 365/1744

Female?! Takanini, AK# Mar 1985# \$ 1 370/1745 ✓

Female?! New Lynn, AK# 15 May 1986# \$ 1, Northell Road 365/1744

Female Mangere, Auckland, AK
Country Club Golf Course, International Airport
6 May 1987 M. Nuttall

Ootheca Green Bay 12 July 1988 12A Clift View Drive
G.M. Guthrie

Female Glendowie 28 May 1988
K. Ruddall

Female Campbell's Beach, Warkwits
5 March 1989
M. Kerrifer

Female Patana South, Parua Bay, Onerahi,
Whangarei
3 April 1989 A. Timperley

Female Glen Innes
30 March 1989 D. Francis
(brown colony)

Female! Herne Bay, AK# 14 Apr 1985# B.Bartletts 2 365/1744

Massy
Female Massy

Female! Herne Bay, AK@ 14 Apr 1985# B.Bartlett's 2 365/1744

Male! Herne Bay, AK@ 14 Apr 1985# B.Bartlett's 2

Female?! Ellerslie, AK@ Sep 1984# Mrs Carmans 1 (numerous?), on < Hydrangea> in particular in garden of Mr D.MacDonald, 19 Marua Road (Mrs Carman, P.O.Box 570 Masterton) 365/1744

Male! Point Chevalier, AK@ 28 Apr 1986# J.A.Berrys 3, caught by cat, <Orthodera> present but not caught 365/1744

Male! Henderson, AK@ Apr 1986# J.S.Dugdales 1, found 7-8 feet up a <Coprosma> plant

Female?! Parnell, AK@ 18 Mar 1986# D.White's 1 365/1744

Male! Henderson, AK@ 20 Apr 1986# J.S.Dugdales 1, flying at night, attracted to light

Nymph! Te Atatu, AK@ 23 Jun 1984# M.Tockers 1, male nymph 365/1743

Female! Te Atatu, AK@ 23 Jun 1984# M.Tockers 2

Ootheca! Unehunga, AK@ 23 Sep 1986# W.A.Holloways 5, inside shed in industrial area, Edinburgh Street 365/1744

Ootheca! Henderson, AK@ 25 May 1986# J.S.Dugdales 1

Female! Henderson, AK@ 25 May 1986# J.S.Dugdales 1, 6 feet up on trellis with sweet peas. Still surviving mid July

Ootheca! Henderson, AK@ Jul 1986# J.S.Dugdales 1

Male! Paeroa, W@ 29 Mar 1985# Miller Avenue Schools 1 372/1754 ✓

Present! Avondale, AK@ 14 Apr 1987# G.Halls numerous males and females (gravid); 40 Taramea Street, Avondale 365/1744

Present! Mt Albert, AK@ 16 Apr 1987# C.T.Duvals pair copulating on concrete path, Toroa Terrace track to Mt Albert

Ootheca! Mairangi Bay, AK@ Jun 1987# G. Hall 364/1744 ✓

Female! Summit Drive Mt Albert AK@ Jul 1987# G.Halls 1

Female! Omairaka AK@ 28 Jul 1987# G.W.Ramsays 1, on pavement 365/1744

Female! Mt Albert Research Centre AK@ 30 Jul 1987# M.Williams 1 on path

female Glen Innes 30 March 1989 D. Francis (brown colour)

Massey Female Massey 29/March/1989 (brown colour)

Female Orehunga March 1989 (brown colour)

Female Massey 3 March 1989 Mrs. Nicholai brown colour

Female Pakuranga 4 April 1989 Mrs. Cardie

Kaitiaki

Female Massey AK 5 March 1989 brown & green P. Leaf

Male Massey AK 5 March 1989 brown & green P. Leaf

Female Westmere AK April 1988 brown

Female Ponsonby AK March 1989

Female Newmarket AK May 1989

Female Royal Oak April 1988 R.E. Decker

~~Nymph~~

Female Waiheke Island 1987 Mrs St. Paul

Female Mt. Roskill AK 1989 brown

Male: Orehunga AK Feb 1990 brown

Female: Orehunga AK Feb 1990 brown

Female Morrinsville, June 1987 O. Green

400 Ootheca: Browns Bay AK Sept 1989 Mrs Melville