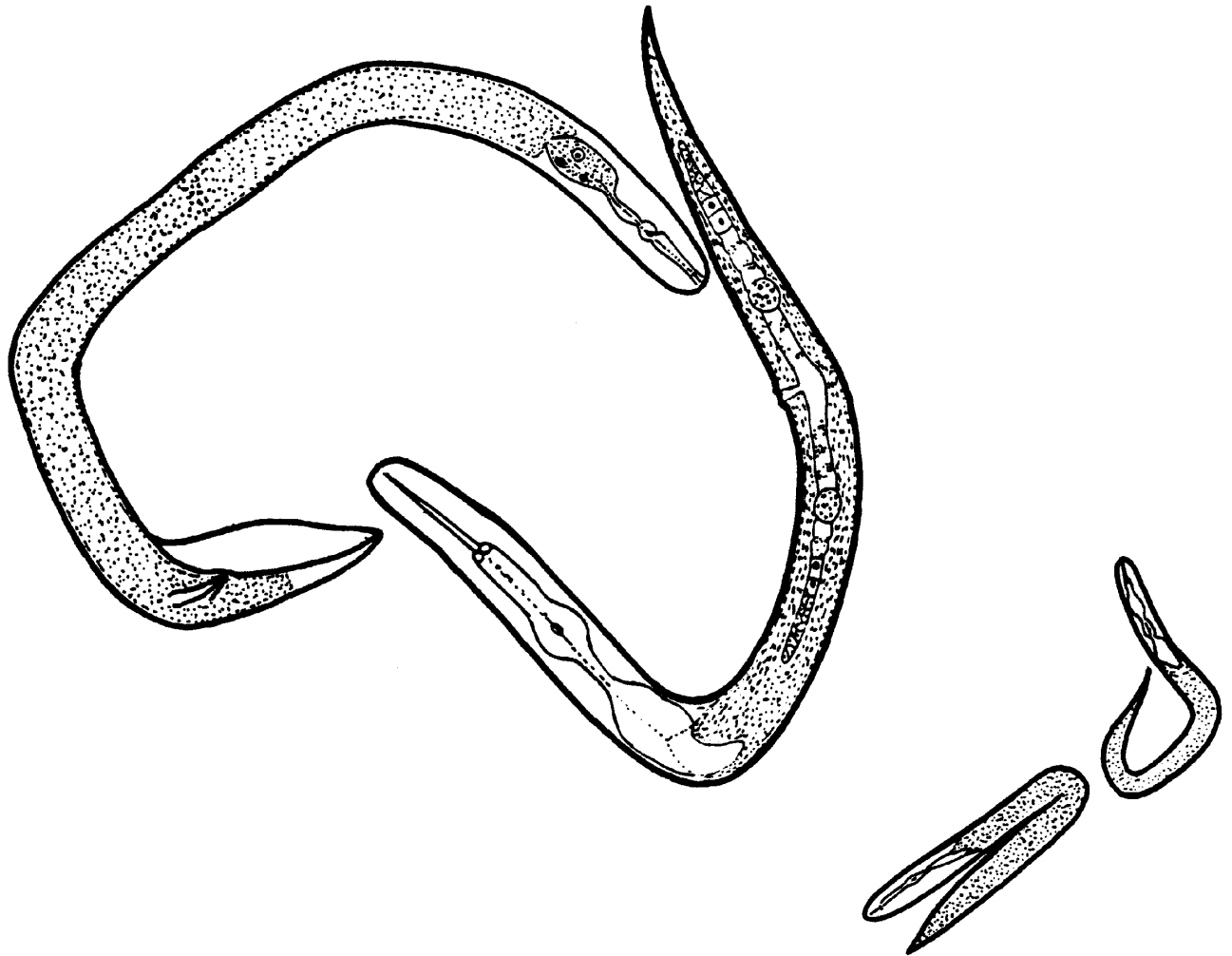


# AUSTRALASIAN NEMATODOLOGY NEWSLETTER



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At the AGM held in Perth on Sunday 28 September new office bearers were elected but the appointment of a newsletter editor was deferred. This issue contains only a current membership directory. A full issue is being planned for July. Material for the July issue should be forwarded to Julie Stanton.

### **Contacts**

Julie Stanton

President, Australasian Association of Nematologists  
Division of Plant Protection  
Department of Primary Industries  
80 Meiers Road  
INDOOROOPILLY QLD 4068

Tel: (07) 3896-9574  
Fax: (07) 3371-0866  
Email: [stantoj@prose.dpi.qld.gov.au](mailto:stantoj@prose.dpi.qld.gov.au)

Ian Riley

Secretary, Australasian Association of Nematologists  
Plant Pathology  
Agriculture Western Australia  
SOUTH PERTH WA 6151

Tel: (08) 9368-3263  
Fax: (08) 9367-2625  
Email: [iriley@agric.wa.gov.au](mailto:iriley@agric.wa.gov.au)

Rob Potter

Treasurer, Australasian Association of Nematologists  
State Agricultural Biotechnology Centre  
Murdoch University  
MURDOCH, WA 6150

Tel: (08) 9360-2920  
Fax: (08) 9310-3530  
Email: [potter@murdoch.edu.au](mailto:potter@murdoch.edu.au)

Vacant

Editor, Australasian Nematology Newsletter

# Directory of Members, 1998

Mr G C **Auricht**  
SARDI  
GPO Box 1671  
ADELAIDE, SA 5001  
Telephone: (08) 8266-8323  
Facsimile: (08) 8261-4688  
Email: auricht.geoff@pi.sa.gov.au

Mr Gary **Baxter**  
Department of Agriculture  
Ovens Research Station  
PO Box 235  
MYRTLEFORD, VIC 3737  
Telephone: (03) 5751-1311  
Facsimile: (03) 5751-1702

*Meloidogyne* sp.  
*Pratylenchus penetrans*  
*Paratrichodorus* sp.

Dr Robin **Bedding**  
CSIRO Div of Entomology  
GPO Box 1700  
CANBERRA, ACT 2601  
Telephone: (02) 6246-4292  
Facsimile: (02) 6246-4000  
Email: robinb@ento.csiro.au

Insect parasitic and entomopathogenic nematodes

Mr Terry **Bertozzi**  
Department of Horticulture, Viticulture and Oenology  
University of Adelaide  
PMB 1  
Glen Osmond, SA 5064  
Telephone: (08) 8303-6592  
Facsimile: (08) 8303-7116  
Email: bertozzi.terry@pi.sa.gov.au

*Anguina* spp.

Dr Alan F **Bird**  
2 Playford Rd  
MITCHAM, SA 5062  
Telephone: (08) 8272-4140

Nematode structure and physiology

Mr Brenden L **Blair**  
QDPI  
MS 108, Ashfield Rd  
BUNDABERG, QLD 4670  
Telephone: (07) 4155-6244  
Facsimile: (07) 4155-6129

Nematodes as pests of sugarcane and associated crops

Dr Rob H **Brown**  
AMACS Pty Ltd  
2 Howqua Court  
VERMONT, VIC 3133  
Telephone: (03) 9874-7462  
Facsimile: (03) 9873-1853  
Email: amacs@projectx.com.au

General nematology  
Synthesis and development of new nematicides  
Research administration

<p>Mr Matthew <b>Burley</b>  TICORP  Innovation House  124 Gymnasium Drive  Macquarie University  NORTH RYDE, NSW 2113  Telephone: 0419 999 0400  Facsimile: (02) 9817-3797</p>	<p>Biological control of nematodes</p>
<p>Dr Lester R G <b>Cannon</b>  Queensland Museum  PO Box 3300  SOUTH BRISBANE, QLD 4101  Telephone: (07) 3840-7724  Facsimile: (07) 3846-1918  Email: l.cannon@mailbox.uq.oz.au</p>	<p>Curator in charge of nematode collection - a taxonomic repository with many type specimens</p>
<p>Mr Keith J <b>Chandler</b>  BSES  PO Box 122  GORDONVALE, QLD 4865  Telephone: (07) 4056-1255  Facsimile: (07) 4056-2405</p>	<p>Nematodes on sugarcane</p>
<p>Miss Francesca M <b>Charman-Green</b>  SARDI  Plant Research Centre  Plant Pathology Unit  GPO Box 397  ADELAIDE, SA 5001  Telephone: (08) 303 9357  Facsimile: (08)303 9393  Email: charmangreen.franky@pi.sa.gov.au</p>	<p>Cereal cyst nematode</p>
<p>Dr Suzanne <b>Charwat</b>  Department of Crop Protection  Waite Campus  University of Adelaide  PMB 1  GLEN OSMOND, SA 5064  Telephone: (08) 8303-7259  Facsimile: (08) 8379-4095  Email: scharwat@waite.adelaide.edu.au</p>	<p>Anyhydrobiotic survival of nematodes  Biological control</p>
<p>Dr Robert <b>Colbran</b>  14 Woodfeild Rd  PULLENVALE, QLD 4069  Telephone: (07) 3378-9436</p>	<p>Nematode taxonomy (Tylenchida)  Nematode control (plants)</p>
<p>Mrs Wendy <b>Cooper</b>  Division of Biochemistry and Molecular Biology  School of Life Sciences  Australian National University  Canberra, ACT 0200  Telephone: (02) 6249-0640  Facsimile: (02) 6249-0313  Email: wendy.cooper@anu.edu.au</p>	<p>Free-living, plant- and animal-parasitic nematodes  Nematodes in biological control</p>
<p>Dr John <b>Curran</b></p>	<p>Entomopathogenic nematodes</p>

CSIRO Division of Entomology  
GPO Box 1700  
CANBERRA, ACT 2601  
Telephone: (02) 6246-4294  
Facsimile: (02) 6246-4000  
Email: johnc@ento.csiro.au

Molecular taxonomy

Dr Kerrie A **Davies**  
Department of Crop Protection  
University of Adelaide  
Waite Agricultural Research Institute  
GLEN OSMOND, SA 5064  
Telephone: (08) 8303-7255  
Facsimile: (08) 8379-4095  
Email: kdavies@waite.adelaide.edu.au

Growth and development of nematodes  
Entomophilic nematodes  
Biocontrol of snails

Mr Shane R **Dullahide**  
Granite Belt Horticultural Research Station  
PO Box 501  
STANTHORPE, QLD 4380  
Telephone: (07) 4681-1255  
Facsimile: (07) 4681-1769

Chemical and biocontrol of parasitic nematodes of  
deciduous fruit and vegetables

Mr Russell F **Eastwood**  
Victorian Institute for Dryland Agriculture  
Private Bag 260  
HORSHAM, VIC 3401  
Telephone: (03) 5362-2111  
Facsimile: (03) 5362-2187  
Email: eastwoodr@vida.agvic.gov.au

Cereal cyst nematode

Mrs Lois M **Eden**  
Division of Plant Protection  
Department of Primary Industries  
80 Meiers Road  
INDOOROOPILLY, QLD 4068  
Telephone: (07) 3877-9590  
Facsimile: (07) 3371-0766

Biological control  
Fungal molecular biology

Ms Megan E **Edwards**  
Department of Agriculture and Rural Affairs  
PO Box 905  
MILDURA, VIC 3500  
Telephone: (03) 5024-5603  
Facsimile: (03) 5051-4523

Diagnostic nematology in horticultural crops  
Entomophagus nematodes

Ir Han **Eerens**  
Ruakura Agricultural Research Centre  
Private Bag 3123  
HAMILTON, New Zealand  
Telephone: +64 (7) 838 5160  
Facsimile: +64 (7) 856 2836  
Email: eerensh@agresearch.cri.nz

Plant interactions (pastoral)  
Endophyte relation

Dr Sergio D **Galper**  
Agrilife  
PO Box 791  
MULLUMBIMBY, NSW 2482

Ms Nora **Galway**

Molecular taxonomy of plant-parasitic nematodes

Plant Science Centre  
CSIRO Division of Entomology  
GPO Box 1700  
CANBERRA, ACT 2601  
Telephone: (02) 6246-4296  
Facsimile: (02) 6346-4000  
Email: norag@ento.csiro.au

(*Pratylenchus* spp)

Mrs Mervat Y **Gendy**  
2-22-24 Burford St  
MERRYLANDS, NSW 2160  
Telephone: (02) 9637-4324

Diagnosis and taxonomy of plant parasitic  
nematodes

Mr Peter **Georgaras**  
SARDI  
Plant Research Centre  
GPO Box 397  
ADELAIDE, SA 5001  
Telephone: (08) 8303-9437  
Facsimile: (08) 8303-9309  
Email: georgaras.peter@pi.sa.gov.au

Nematode pathogens of lucerne

Dr Florian M W **Grundler**  
Institut Feur Phytopathologie  
Universitaet Kiel  
Hermann-Rodewald- Strasse 9  
D 24118 KIEL, Germany  
Telephone: +49 431 880 4669  
Facsimile: +49 431 880 1583  
Email: aph01@rz.uni-kiwl.d400.de

Host-parasite interactions  
Sedentary nematodes  
Plant physiology and molecular biology

Ms Maria **Guerrera**  
Australian Turfgrass Research Institute  
PO Box 190  
CONCORD WEST, NSW 2138  
Telephone: (02) 9736-1233  
Facsimile: (02) 9743-6348

Nematode problems on turf.

Dr Jillian M **Hinch**  
Plant Sciences and Biotechnology  
Agriculture Victoria  
LaTrobe University  
BUNDOORA, VIC 3083  
Telephone: (03) 9479-3093  
Facsimile: (03) 9479-3618  
Email: hinchj@psb.agvic.gov.au

Potato cyst nematode  
Pasture nematodes  
Horticulture

Dr Michael E **Hodda**  
CSIRO Division of Entomology  
GPO Box 1700  
CANBERRA, ACT 2601  
Telephone: (02) 6246-4371  
Facsimile: (02) 6246-4000  
Email: mikeh@ento.csiro.au

Systematics and ecology of free-living nematodes  
Taxonomy

Mr Ross **Holding**  
NUFARM Australia  
103-105 Pipe Road  
LAVERTON NORTH, VIC 3026

Mr Gil J **Hollamby**  
Roseworthy Campus  
University of Adelaide  
ADELAIDE, SA 5371  
Telephone: (08) 8303-7834  
Facsimile: (08) 8303-7962  
Email: ghollamb@roseworthy.adelaide.edu.au

Breeding for cereal cyst nematode resistance and tolerance in wheat  
Root lesion nematode tolerance breeding  
*Pratylenchus* sp.

Ms Rita **Holland**  
School of Biological Sciences  
Macquarie University  
NORTH RYDE, NSW 2113  
Telephone: (02) 9850-8210  
Facsimile: (02) 9850-8174  
Email: rholland@rna.bio.mq.edu.au

*Meloidogyne javanica* and *Heterodera avenae*  
interactions with *Paecilomyces lilacinus*

Mr Grant **Hollaway**  
Victorian Institute for Dryland Agriculture  
Agriculture Victoria  
Private Bag 260  
HORSHAM, VIC 3401  
Telephone: (03) 5362-2111  
Facsimile: (03) 53 62 2187  
Email: hollawayg@vida.agvic.gov.au

*Pratylenchus*

Dr Fred **Jones**  
6 Gairloch Street  
APPLECROSS, WA 6153  
Telephone: (08) 9364-9702

General interest  
Cyst nematodes  
Population dynamics and modelling

Professor Mike G K **Jones**  
School of Biological and  
Environmental Sciences  
Murdoch University  
PERTH, WA 6150  
Telephone: (08) 9360-2424  
Facsimile: (08) 9310-3505  
Email: mgkjones@murdoch.edu.au

Host parasite relations of endoparasites (root-knot and cyst-nematodes);  
Molecular approaches to understanding and control -emphasis on plant response

Dr Ian **Kaehne**  
PO Box 246  
BELAIR, SA 5052  
Telephone: (08) 8278-7277  
Facsimile: (08) 8278-7277

Mr Mohiuddin Alamgir **Khan** Md.  
School of Biological Sciences  
Macquarie University  
NORTH RYDE, NSW 2109  
Telephone: (02) 9850-8212  
Facsimile: (02) 9850-8174  
Email: AKHAN@rna.bio.mq.edu.au

Biological control of nematode *Radopholus similis*

Mrs Valerie N **Kempster**  
Dept of Crop Protection  
University of Adelaide  
Waite Campus  
GLEN OSMOND, SA 5005  
Telephone: (08) 8339-2638  
Email: vkempste@waite.adelaide.edu.au

Entomopathogenic nematodes  
Plant-parasitic nematodes



<p>Mr John <b>Lewis</b>  SARDI  Plant Research Centre  Plant Pathology Unit  GPO Box 397  ADELAIDE, SA 5001  Telephone: (08) 8303-9394  Facsimile: (08) 8303-9393</p>	<p>Cereal cyst nematode - control and resistance</p>
<p>Mr Mel <b>Lowe</b>  Managing Director  Box 321  BARMERA, SA 5345  Telephone: (08) 8588-2228  Facsimile: (08) 85 88 2211</p>	<p>Advice/sales and application of nematicides</p>
<p>Dr A. <b>Mani</b>  Rumais Agricultural Research Centre  PO Box 50  Muscat, 121  Oman  Telephone: 893 096</p>	<p>General plant nematology  Biocontrol</p>
<p>Dr John W <b>Marshall</b>  NZ Institute for Crop &amp; Food  Research Limited  Private Bag 4704  CHRISTCHURCH, New Zealand  Telephone: +64 (3) 325 6400  Facsimile: +64 (3) 3252 074  Email: marshallj@crop.cri.nz</p>	<p>Biology and management of nematodes in  temperate crops  Molecular biology of nematodes</p>
<p>Mr David J <b>McDonald</b>  Agrisearch Services  63 Beulah Rd  NORWOOD, SA 5067  Telephone: (08) 8821-2021  Facsimile: (08) 8363-0610</p>	<p>Nematode counting and diagnosis for research  trials</p>
<p>Dr Alan <b>McKay</b>  SARDI  Plant Research Centre  Plant Pathology Unit  GPO Box 397  ADELAIDE, SA 5001  Telephone: (08) 8303-9375  Facsimile: (08) 8379-9393  Email: mckay.alan@pi.sa.gov.au</p>	<p>Annual ryegrass toxicity</p>
<p>Mr Roderick W <b>McLeod</b>  62 Menzies Rd  EASTWOOD, NSW 2122</p>	
<p>Mr Christopher F <b>Mercer</b>  AgResearch  Private Bag 11008  PALMERSTON NORTH, New Zealand  Telephone: +64 (6) 356 8019  Facsimile: +64 (6) 351 8032</p>	<p>Resistance in white clover to <i>M. hapla</i> and <i>H. trifolii</i>  Resistance in clover hybrids  Effect of grass endophytes on nematodes</p>

Email: [mercerc@agresearch.cri.nz](mailto:mercerc@agresearch.cri.nz)

Mrs Lila **Nambiar**  
Institute for Horticultural Development  
Private Bag 15  
SOUTH EASTERN MAIL CENTRE, VIC 3176  
Telephone: (03) 9210-9222  
Facsimile: (03) 9800-3521  
Email: [nambiarl@knoxy.agvic.gov.au](mailto:nambiarl@knoxy.agvic.gov.au)

PCN  
Nematodes of horticultural crops

Dr David **Nendick**  
Ministry of Agriculture  
Regulatory Authority  
PO Box 2526  
WELLINGTON, New Zealand  
Telephone: +64 (4) 474 4100  
Facsimile: +64 (4) 474 4133  
Email: [ratemp3@polra.mqm.govt.nz](mailto:ratemp3@polra.mqm.govt.nz)

PhD Research  
Hoplolaimus columbus on cotton-USA  
Pasture nematology in New Zealand  
Quarantine issues

Dr Ebbe **Nielsen**  
CSIRO Division of Entomology  
GPO Box 1700  
CANBERRA, ACT 2601  
Telephone: (02) 6246-4258  
Facsimile: (02) 6246-4000  
Email: [ebben@ento.csiro.au](mailto:ebben@ento.csiro.au)

Dr Julie M **Nicol**  
Waite Agricultural Research Institute  
Dept Crop Protection  
Private Mail Bag 1  
GLEN OSMOND, SA 5064  
Telephone: (08) 8303-7268  
Facsimile: (08) 8379-4095  
Email: [jnicol@waite.adelaide.edu.au](mailto:jnicol@waite.adelaide.edu.au)

Significance of *P. thornei* on wheat productivity in  
South Australia

Ms Kathryn A **Oakes**  
Agrisearch Services Pty. Ltd.  
50 Leeward Drive  
ORANGE, NSW 2800  
Telephone: (02) 6362-4539  
Facsimile: (02) 6362-7844

Nematode quantification and diagnosis for  
research trials

Ms Kirsty **Owen**  
Department of Crop Sciences, A20  
UNIVERSITY OF SYDNEY, NSW 2006  
Telephone: (02) 9351-3331  
Facsimile: (02) 9351-2945  
Email: [owenk@agric.usyd.edu.au](mailto:owenk@agric.usyd.edu.au)

Interaction of grapevines and *Meloidogyne* spp.

Mrs Janet **Patterson**  
Welsharp Pty Ltd  
'Trevanna Downs'  
GOONDIWINDI, QLD 4390  
Telephone: (07) 4676-1284  
Facsimile: (07) 4676-1120

General interest in nematology and biological  
control

Mr Tony **Pattison**  
South Johnstone Research Station  
PO Box 20

*Pratylenchus thornei* in wheat  
Nematodes of bananas and tropical fruits

SOUTH JOHNSTONE, QLD 4859  
Telephone: (07) 4064-2400  
Facsimile: (07) 4064-2648  
Email: pattist@sjrcm001.prosc.dpi.qld.gov.au

Dr Robert H **Potter**  
State Agricultural Biotechnology Centre  
BES  
Murdoch University  
MURDOCH, WA 6150  
Telephone: (08) 9360-2920  
Facsimile: (08) 9310-3530  
Email: potter@murdoch.edu.au

Root knot and cyst nematodes  
Giant cell gene expression  
Engineered resistance

Dr Loothfar **Rahman**  
Wine Grape Industry Centre  
Po Box 588  
WAGGA WAGGA, NSW 2678  
Telephone: (02) 6933-4024

Mrs Frances **Reay**  
SARDI  
Plant Research Centre  
Plant Pathology Unit  
Crop Protection Department  
GPO Box 397  
ADELAIDE, SA 5001  
Telephone: (08) 8303-9391  
Facsimile: (08) 8303-9393  
Email: reay.frances@wpo.pi.sa.gov.au

Taxonomy of plant and soil nematodes  
Antarctic soil nematodes

Dr Ian T **Riley**  
Plant Pathology  
Agriculture Western Australia  
Locked Bag 4  
Bentley Delivery Centre, WA 6983  
Telephone: (08) 9368-3263  
Facsimile: (08) 9367-2625  
Email: iriley@agric.wa.gov.au

*Anguina/Clavibacter* associations

Dr Maria **Scurrah I**  
SARDI  
Plant Research Centre  
Plant Pathology Unit  
GPO Box 397  
ADELAIDE, SA 5001  
Telephone: (08) 8303-9395  
Facsimile: (08) 8303-9393  
Email: scurrah.maria@pi.sa.gov.au

*Pratylenchus neglectus* - does it damage wheat?  
*Ditylenchus dipsaci*  
Resistance in oats, beans, peas, lucerne  
Ex-interest: PCN:-races and breeding

Dr N **Somasekhar**  
Nematology Section  
Sugarcane Breeding Institute  
COIMBATORE-7, India  
Telephone: +91 422 472621  
Facsimile: +91 422 472923  
Email: sbi-coi@x4000.nicgw.nic.in

Sugarcane nematodes  
Biological Control  
Resistance mechanisms and screening ecology

Dr Julie M **Stanton**  
Division of Plant Protection

Molecular diagnosis of *Meloidogyne*  
Non chemical control of *Meloidogyne* and

Department of Primary Industries  
80 Meiers Road  
INDOOROOPIILLY, QLD 4068  
Telephone: (07) 3896-9574  
Facsimile: (07) 3371-0866  
Email: stantoj@prose.dpi.qld.gov.au

*Radopholus similis*

Dr Graham R **Stirling**  
Biological Crop Protection Pty Ltd  
3601 Moggill Road  
MOGGILL, Q 4070  
Telephone: (07) 3202-7419  
Facsimile: (07) 3202-8033

General plant nematology  
Biological control

Mr A **Taheri**  
Department of Plant Science  
Waite Campus  
University of Adelaide  
GLEN OSMOND, SA 5064  
Telephone: (08) 8303-7318  
Facsimile: (08) 8303-7109  
Email: ataheri@waite.adelaide.edu.au

*Pratylenchus* spp.  
*Meloidogyne* spp.  
CCN

Ms Sharyn P **Taylor**  
SARDI  
Plant Research Centre  
Plant Pathology Unit  
GPO Box 397  
ADELAIDE, SA 5001  
Telephone: (08) 8303-3981  
Facsimile: (08) 8303-9393  
Email: taylor.sharyn@pi.sa.gov.au

*Pratylenchus* spp.  
Cereals  
Grain legumes  
Annual legumes

Dr Barrie **Thistlethwayte**  
32 Golf Circuit  
TURA BEACH, NSW 2548  
Telephone: (02) 6495-9110

Dr John P **Thompson**  
Department of Primary Industries  
Queensland Wheat Research Institute  
PO Box 2282  
TOOWOOMBA, QLD 4350  
Telephone: (07) 4639-8806  
Facsimile: (07) 4639-8800

*Pratylenchus thornei* and *Merlinius breviden.*  
Identification of nematodes  
Control methods, especially through resistance  
breeding

Mr G R **Tucker**  
Crop Care Aust. Pty Ltd  
PO Box 167  
HAMILTON CENTRAL, QLD 4007  
Telephone: (07) 3390-9593  
Facsimile: (07) 3867-9111

Biological, chemical and cultural control of  
nematodes

Dr Vivien A **Vanstone**  
Wheat Breeding Institute  
Department of Plant Science  
University of Adelaide  
Waite Campus  
GLEN OSMOND, SA 5064  
Telephone: (08) 8303-7456 /7289

*Pratylenchus neglectus*, biology control, crop  
rotations  
Cereals and legumes

Facsimile: (08) 8303-6735 /7109

Mr Malcolm **Wachtel**  
SARDI  
Loxton Research Centre  
PO Box 411  
LOXTON, SA 5333  
Telephone: (08) 8584-7315  
Facsimile: (08) 8595-9199  
Email: wachtel.malcolm@pi.sa.gov.au

Nematode problems in horticultural crops  
Biocontrol - root knot  
Chemical control

Dr Gregory E **Walker**  
SARDI  
Plant Research Centre  
Waite Precinct  
Hartley Grove  
URRBRAE, SA 5064  
Telephone: (08) 8303-9400  
Facsimile: (08) 8303-9424

Plant nematology, especially in horticulture  
Control, interactions  
Diagnostic services and extension  
Ecology  
Pasture pathology

Mr. Richard N **Watson**  
NZ Pastoral Agriculture Research Institute Ltd  
Ruakura Agricultural Centre  
Private Bag  
HAMILTON NEW, ZEALAND Australia  
Telephone: (07) 3838-5031  
Facsimile: (07) 3838-5073  
Email: watsonr@agresearch.cri.nz

Pasture nematology; biocontrol;  
bionomies; managerial control;  
plant improvements

Ms Lynette M **West**  
Sundown National Park  
MS 312  
Via STANTHORPE, QLD 4380

Biological control  
Rotation crops resistant to root knot nematode  
Organic matter to control root knot nematode

Dr David A **Wharton**  
Department of Zoology  
University of Otago  
PO Box 56  
DUNEDIN, New Zealand  
Telephone: +64 (3) 479 7963  
Facsimile: +64 (3) 479 7963  
Email: david.wharton@stonebow.otago.ac.nz

Environmental physiology of cold tolerance and  
anhydrobiosis  
Nematode ultrastructure

Prof. Keith **Williams**  
School of Biological Sciences  
Macquarie University  
SYDNEY, NSW 2109  
Telephone: (02) 9850-8212  
Facsimile: (02) 9850-8174  
Email: keith.williams@mq.edu.au

Development and production of bionematicides

Dr George **Yan**  
Plant Pathology  
Agriculture Western Australia  
Locked Bag 4  
Bentley Delivery Centre, WA 6983  
Telephone: (08) 9368-3935  
Facsimile: (08) 9367-2625  
Email: gyan@infotech.agric.wa.gov.au

ARGT  
Biological control

Dr Gregor W **Yeates**  
Landcare Research  
Private Bag 11052  
PALMERSTON NORTH, New Zealand  
Telephone: +64 (6) 356 7154  
Facsimile: +64 (6) 355 9230

Ecology  
Taxonomy