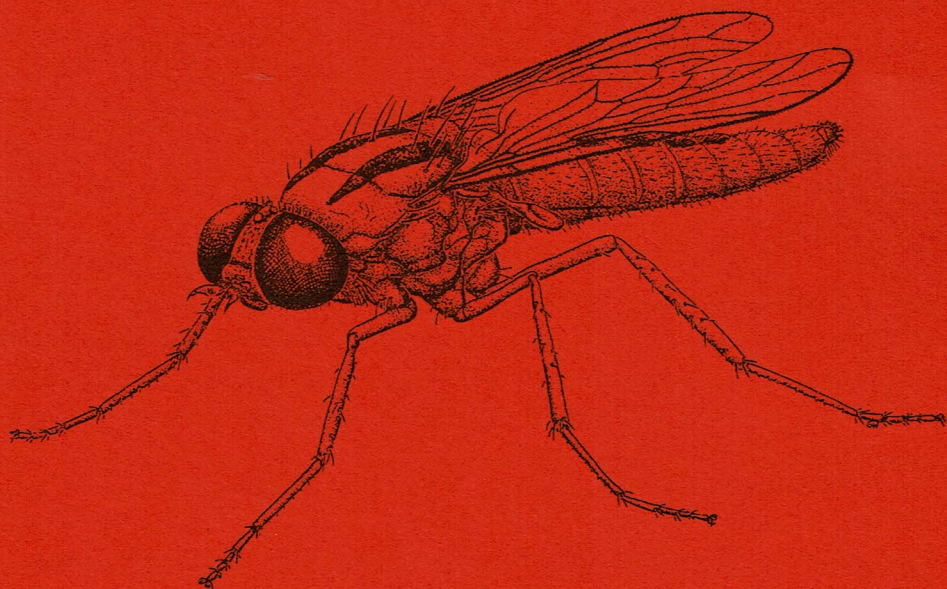




ENTOMOLOGICAL SOCIETY OF QUEENSLAND NEWS BULLETIN



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Volume 25, Issue 10, February 1998

The **ENTOMOLOGICAL SOCIETY OF QUEENSLAND**, since its inception in 1923, has striven to promote the development of pure and applied entomological research in Australia and particularly in Queensland. Membership is open to anyone interested in Entomology. The Society promotes liaison among entomologists through regular meetings and the distribution of a *News Bulletin* to members. Meetings are announced in the *News Bulletin* and are normally held in the Entomology Department, The University of Queensland at 6.30 pm on the second Monday of each month (March to June, August to December each year). Visitors and prospective members are welcome. Membership information can be obtained from the Honorary Secretary or other office bearers.

Contributions to the *NEWS BULLETIN* such as items of news, trip reports, announcements, etc are welcome and should be sent to the *News Bulletin* Editor.

The Society publishes *THE AUSTRALIAN ENTOMOLOGIST*. This is a refereed, illustrated journal devoted to entomology of the Australian region, including New Zealand, Papua New Guinea and islands of the south western Pacific. The journal is published in four parts annually.

EMBLEM: The Society's emblem, chosen in 1973 on the 50th anniversary of the Society, is the king stag beetle, *Phalacrognathus muelleri* (Macleay), family Lucanidae. Its magnificent metallic purple and green colouration make it one of the most attractive of all Australian Coleoptera. It is restricted to the rainforests of northern Queensland.

COVER: A stiletto fly belonging to an undescribed genus and species of Therevidae (Diptera: Asiloidea) drawn by Shaun Winterton. Shaun and David Yeates are currently working on the systematics on this family, which is extremely diverse in the woodland and semi-arid habitats of Australia.

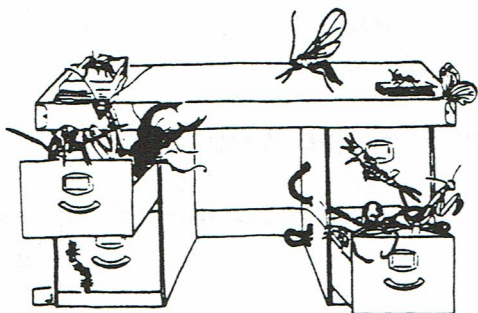
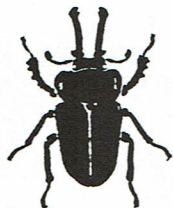


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The issue of this document does **NOT** constitute formal publication for the purposes of the "International Code of Zoological Nomenclature 3rd edition 1985". Authors alone are responsible for the views expressed.



Annual Report for the Year 1997

The Council of the Entomological Society of Queensland takes pleasure in presenting its 1997 Annual Report. 1997 was the Society's 74th year.

The year began with the Annual General Meeting and Judy King's Presidential Address to the Society titled 'Forestry and entomology: snapshots'. Another highlight of the 1997 calendar was the biennial Perkins Memorial Lecture held in September. David Rentz of CSIRO Entomology, Canberra, spoke on 'The world's most unusual Gryllacridid - and other reasons to visit Queensland'. David's address was thoroughly enjoyed by over 50 members and guests who attended.

During the June Notes and Exhibits Meeting, the Society's 1997 Student Award was presented to Christine Lambkin of The University of Queensland. Christine's winning entry was her Honour's thesis titled 'Characters, congruence, and bee flies (Diptera: Bombyliidae)'.

Also awarded in 1997 was long-standing member Geoff Monteith. Geoff won the prestigious Australian National History Medallion awarded by the Field Naturalists Club of Victoria.

The Council would like to take this opportunity to thank our Sustaining Associates, Arrest-A-Pest, Rhone Poulenc Rural Australia, and the CRC for Tropical Pest Management for their continuing support of the Perkins Memorial Lecture and the Student Award.

The December Notes and Exhibits Meeting and Christmas Break-up at the CRC for Tropical Pest Management was well attended. The lively presentations and quality slides were enjoyed by all.

I am not seeking re-election in 1998 so I would like to take this opportunity to thank the members of Council I have worked with over the past three

years for their support and friendship. I now look forward to attending meetings with nothing to do but enjoy!

Details of the year's activities, together with reports by the Treasurer, Editor of the News Bulletin, and the Editor and Business Manager of the *Australian Entomologist* follow.

Lynda Muir
Honorary Secretary

1. Membership

During 1997, 18 new members joined the Society, 13 members resigned, and 13 memberships were terminated. Membership stands at 118 Ordinary, 6 Joint Ordinary, 117 Country, 4 Joint Country, 20 Associate, 3 Honorary Life Members, and 3 Sustaining Associates. 20 complimentary copies of the Bulletin are supplied.

2. Council Meetings

Nine Council Meetings have been held by the 1997 Council. Attendance was as follows:

D. Yeates - 6, G. Gordh - 7, J. King - 3, G. Maywald - 5, L. Muir - 9, C. Simpson - 6, H. Narhung - 9, C. Burwell - 7, D. Merritt - 8, A. Loch - 9.

3. General Meetings

Throughout the year, attendance averaged 32 members and visitors.

Nine general meetings were held. The Main Business of these meetings was as follows:

March 10	Presidential address by Judy King, 'Forestry and entomology: snapshots'
April 14	Julia Playford, 'Pollination biology of primitive angiosperms'
May 12	Tony Clarke, 'Eucalypt entomology in temperate Australia'
June 10	Notes and Exhibits: Christine Lambkin, 'Characters,

- congruence, and bee flies'
 Peter Misic, display of electroplated insects
 Chris Burwell, 'Wildlife of the Cairns region'
 Phil LaBrie, 'The first international congress of butterfly exhibitors and suppliers'
 Brian Weiss, 'Inka cells and ecdysis - triggering hormone in the cotton bollworm *Helicoverpa armigera* (Hubner) (Lepidoptera: Noctuidae)'
 August 11 Stuart Bunn, 'Role of aquatic insects in river food webs'
 September 8 David Rentz, 'The world's most unusual Gryllacridid - and other reasons to visit Queensland'
 October 13 John Rogers and David Holdom, 'White grubs in peanuts: a marriage made in heaven?'
 November 10 Jeff Skevington, 'Insect diversity in an endangered Ontario ecosystem'
 December 8 Heather Proctor, Arachnids 1998 calendar and 'What bug is that?'
 Geoff Monteith, 'The Australian Natural History Medallion'
 Dave Merritt, 'Glow-worms'
 Shaun Winterton, 'Therevidae of the Cooloola region'
 Chris Burwell, "'Gondwanic" distribution of spongeflies?'

Please note:

The president, David Yeates, will be taking sabbatical leave from 4 December 1997 until 30 June 1998. He will spend most of his sabbatical with colleagues at the University of North Carolina (Raleigh). David will deliver his presidential address at the August 1998 meeting.

Treasurer's Report

for the year ending 31 December 1997

The Society had an operating surplus of \$810.00 this year, which is pleasing given the deficits of the last few years. The improvement is due largely due to the flow-through from the higher subscription rates introduced last year, and a stabilization of the costs associated with producing the bulletin. Additionally, the expenditure for Bulletin printing of \$2,736.90 includes only 9 issues (Vol. 24, issues 9-10, and Vol. 25, issues 1-7).

Regrettably, a considerable number of members (90) have yet to pay their 1997 subscriptions. Of those, 26 also have all or part of their 1996 subscription still outstanding. The memberships of 13 individuals were terminated after the AGM for non-payment of dues, producing a write-off of \$665.00 in unpaid subscriptions.

Expenditure from the Sustaining Associates Fund totalled \$846.50, consisting of the \$250 Student Award, and the travel costs incurred by David Rentz for the Perkins Memorial Lecture (\$596.50). Three Sustaining Associates contributed a total of \$800.00 to the fund.

The 'Refreshment Fund' item gives a breakdown of the expenditure on food and drinks at all meetings during the year. Note that it costs us an average of \$20.47 per meeting (except December) to provide drinks and snacks, when donations at these meetings are taken into account. A surplus of \$34.72 was made from the December Notes and Exhibits meeting.

Gunter F. Maywald
Honorary Treasurer, 1997

FINANCIAL STATEMENT for year ended 31 December 1997

Liabilities

Subs in advance - 1998 \$310.89

Sustaining Associates Fund \$2,135.77

\$2,446.66

Balance 1/1/97 \$6,372.36

Surplus \$810.00

Balance 31/12/97 **\$7,182.36**

\$9,629.02

Assets

Comm. Bank Chq A/c \$3,812.25

Comm. Sav Inv. A/c \$0.00

Comm. Term Deposit \$2,955.39

Petty Cash \$48.85

Refreshment Fund (\$4.47)

Subs. owing 1997 \$2,482.50

\$9,294.52

Stock

39 Pks cards @ \$1 \$39.00

Journals (nominal) \$1.00

News Bulletins \$1.00

Index to Minutes \$1.00

Stationery \$153.00

Bulletin Envelopes \$20.00

Crockery, Glassware \$0.00

Hot Water Urn \$39.50

Accounting Software \$80.00

\$334.50

\$9,629.02

Treasurer's Petty Cash

Balance 1/1/97 \$8.05

From General A/c \$23.25

\$31.30

Stationery \$8.15

Balance \$23.15

\$31.30

Secretary's Petty Cash

Balance 1/1/97 (\$12.12)

From General A/c \$100.00

\$87.88

Postage, etc. \$82.85

Balance \$5.03

\$87.88

Publication Committee Account

Balance 1/1/97 \$20.67

From General A/c \$901.35

\$922.02

Postage \$901.35

Balance \$20.67

\$922.02

Refreshment Fund

Balance 1/1/97 \$6.80

Income (December meeting) \$419.20

Donations (Other meetings) \$24.95

From General A/c \$117.75

\$568.70

Catering (December Meeting) \$384.48

Catering (Other Meetings) \$188.69

Balance (\$4.47)

\$568.70

Sustaining Associates Fund

Balance 1/1/97	\$2,182.27	Student Award	\$250.00
Contributions 1997	\$800.00	Perkin's Speaker Expenses	\$596.50
		Balance	\$2,135.77
	\$2,982.27		\$2,982.27

Income

Subscriptions 1997	\$5,758.61
Paid Prior (in 1996)	\$349.39
Donations	\$444.15
Interest:	
Cheque Account	\$54.37
Savings Invest.	\$1.01
Term Deposit	\$53.99
Card Sales	\$0.00
Bulletin Inserts	\$135.00
	\$6,796.52

Expenditure

Bulletin	
Printing	\$2,736.90
Delivery	\$0.00
Envelopes	\$510.00
Postage	\$901.35
Petty Cash	
Treasurer	\$8.15
Secretary	\$82.85
Publication	\$0.00
Meeting Refreshments	\$573.17
State Govt Tax (GDT)	\$19.60
Subs. Discount 1997	\$393.00
Subs 1996 not collected	\$665.00
Depreciation Crockery/Glass	\$1.50
Depreciation Urn	\$5.00
Depreciation (Software)	\$40.00
Costs Stationery	\$50.00
	\$5,986.52
Surplus for Year	\$810.00
	\$6,796.52

The Entomological Society of Queensland AUDITOR'S REPORT

I have examined the financial records and supporting documents of the Entomological Society of Queensland and find them to be kept in accordance with accepted bookkeeping practices using standard accounting principles. In my opinion, the accompanying statement of Income and Expenditure for the 12 months ended 31 December 1997, together with the Balance Sheet of that date, reflect a true and fair account of the financial position of the Society.



Peter W. Bowes
23 Shuttle Pl.
Bridgeman Downs
28 January 1998

The Australian Entomologist

1997 Report

Volume 24 comprised 172 pages (10 in colour) in four parts. Three book or cd rom reviews and 29 papers were published in the volume. During the year 25 papers and two book/cd rom reviews were received, whilst three papers were rejected and one withdrawn. Nineteen papers are on hand for 1998.

Typesetting continues to be done 'in house' and the inclusion of colour is expected to be maintained in 1998. Efforts are underway to ensure papers are published within a year of receipt wherever possible and at present only two papers are outstanding from 1996 (both received in December) - one due to appear in volume 25 part 1 and one under revision by the author. The increased pagination of volume 24 enabled the bulk of the backlog of papers to be cleared and we thank authors for their patience while we caught up.

Once again we thank our referees for the time and effort they have put into the process and we also thank our printers for the high quality of the colour plates that have been a feature of this year's volume.

Financial Position

The number of subscriptions stands at 340, of which 88 are institutional. This represents an alarming decrease from the 360 subscriptions in 1996. The financial position remains sound with a small surplus of \$466.86 for 1997.

David L. Hancock
Editor

Andrew Loch
Business Manager

The *Australian Entomologist* Financial Statement

for the year ended 31 December 1997

ASSETS

CBA cheque A/C	\$ 6,973.78
UniCredit Term Deposits	\$14,222.60
Subs owing 1997	\$ 346.00
Page charges owing 1997	\$ 1,100.00
Stationery	\$ 374.93
	<u>\$23,017.31</u>

LIABILITIES

Subs in advance 1998 (pd 1997)	\$ 419.00
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EXCESS ASSETS OVER LIABILITIES

\$22,598.31

INCOME

Subscriptions	\$ 5,987.16
Page charges	\$ 4,150.00
Interest cheque A/C	\$ 135.27
Interest Term deposits	\$ 782.97
Advertising	\$ 36.49
Sales	\$ 260.00
Subscriptions 1995	\$ 16.00
	<u>\$11,367.89</u>

EXPENDITURE

Printing	\$ 8,213.00
Postage	\$ 1,629.60
Stationery	\$ 224.33
Govt. Debit Tax	\$ 13.50
Subscriptions 1996 not paid	\$ 338.00
Page charges 1996 not paid	\$ 425.00
P.O. Box rental	\$ 44.00
Editor's expenses (less subscription)	\$ 13.60
	<u>\$10,901.03</u>

EXCESS INCOME OVER EXPENDITURE

	\$ 466.86
Plus Balance 1/1/97	<u>\$22,131.45</u>
	\$22,598.31

The *Australian Entomologist* Auditor's Report

I have examined the financial books and supporting documents of *The Australian Entomologist* and find them to be kept according to accepted book-keeping practices. The statement of Income and Expenditure to 31 December 1997, together with the balance sheet of that date are, in my opinion, a true and fair account of the financial position of the journal.

P.Bowes
23 Shuttle Pl.
Bridgemann Downs
28-Jan-97

News Bulletin Volume 25, 1997/98

Editor's Report

Editing and desktop work for the Bulletin were again completed through the CRC for Tropical Pest Management. It was printed by Kwik Kopy Toowong, who again provided outstanding service (thanks to Judy, David, Diana and team).

Up to the December 1997 edition, 148 pages had been published.

News item contacts supplied a steady stream of articles for 'People and Projects' - their support has been greatly appreciated. Thanks to David Yeates and Lynda Muir who, respectively, chased main business articles and provided the minutes for each edition.

As the CRC for Tropical Pest Management's Federal support ends in June 1998, the Editor's position will change for Volume 26.

I would like to take this opportunity to thank everyone involved with the production of the Bulletin over the last two years. It is, and should remain, a team effort.

Regards
Cathy Simpson
News Bulletin Editor

Nominations for 1998/99 Office Bearers

Position	Nomination	Nominated	Seconded
President	Gordon Gordh Dept Ento, UQ	J. King	C. Burwell
Senior Vice-President	Chris Burwell Qld Museum	G. Gordh	J. King
Honorary Secretary	Manon Griffiths CSIRO	J. King	L. Muir
Honorary Treasurer	Gunter Maywald CSIRO	L. Muir	C. Simpson
News Bulletin Editor	Narelle Power Dept Ento, UQ	C. Simpson	G. Maywald
Councillors (3 positions)	Helen Nahrung DNR	C. Burwell	A. Loch
	Dave Merritt Dept Ento, UQ	G. Maywald	L. Muir
	Susan Evans Qld Museum	A. Loch	G. Gordh

International Request

Richard Ibeling
501 Angel Ave. SW
Watertown, Minnesota
USA

My name is Richard Ibeling and I am an amateur collector of insects. I am looking for other collectors who are interested in trading correspondence and dried specimens. The two main areas of my collection are Coleoptera and Lepidoptera (both moths and butterflies). I do collect all other types of insects also. I am interested in insects from all parts of the world. My trade specimens are all packaged and fully labeled and would like any specimens received to have complete collection data and scientific name if possible.

If you know of anyone who would be interested, please pass this letter on to them. I would be most grateful to find other collectors who would be willing to trade specimens. My stock of specimens varies considerably depending on what collecting I do during the year.

Thanks very much for your time.

Sincerely
Richard Ibeling

NOTICE OF 1998 MEETINGS

09 March 1998: AGM

13 April

11 May

09 June (Tuesday): Notes and Exhibits

10 August: David Yeates, Presidential Address

14 September

12 October

09 November


14 December Notes and Exhibits

ENTOMOLOGICAL SOCIETY OF QUEENSLAND

1998

\$250 Student Award

- Who: Honours, diploma, or fourth-year undergraduate students in any Queensland tertiary institution.
- What: A thesis or report on an entomologically related topic examined during 1996 or 1997.
- When: **Applications close 4 March 1998.**


Send thesis/report and completed entry form to  The Secretary, Entomological Society of Queensland, c/- Entomology Dept., The University of Queensland, Brisbane Q 4072.

This is an award by the Society to encourage entomological research. Entries are judged by a panel of three entomologists appointed by the President. The winner will be announced at the May General Meeting, and is invited to present a summary of their research at the June Notes & Exhibits Meeting of the Society.

Entrants need not be Society members.

If the standard of entries is too low an award may not be given.

Student Award sponsors ★ Arrest-A-Pest Pty. Ltd.
★ Rhone-Poulenc Rural Australia Pty. Ltd.
★ Ciba-Geigy Australia Ltd.
★ CRC for Tropical Pest Management.

Enquires should be directed to the President, David Yeates
 07 3365 2217 or any Office Bearer of the Society.

ENTOMOLOGICAL SOCIETY OF QUEENSLAND
1998 Student Award
Entry Form

Name:

Title of thesis/report:

Institution:

Degree:

Supervisor:

Date of examiners report/grading:

Address for return of thesis/report:

Signature

Date

Applications close **4 March 1998**.

Send thesis/report and completed entry form to:

☛ The Secretary, Entomological Society of Queensland,
c/- Entomology Dept., The University of Queensland, Brisbane Q 4072.

Guidelines for the Student Award

1. Held annually.
2. Prize of \$ 250.00
3. Open to Honours, Diploma and 4th year Degree students at any Queensland tertiary institution.
4. Project or report on an entomologically-related topic.
5. Project/report must have been submitted to institution during the two years preceding the year of the Award.
6. An unsuccessful candidate may re-enter the following year by invitation from the Council.
7. Council will consider bringing a country winner of the Award to Brisbane for the presentation on a year-by-year basis.
8. A panel of 3 judges to be selected by the President,
9. The main criterion for judging is 'scientific merit', and if 2 or more entries are of equal scientific merit then 'interest to members' is the second criterion.

SOCIETY SUBSCRIPTION RATES

- ORDINARY:** Persons resident within the municipality of Brisbane - \$23pa (\$20 if paid by AGM).
- COUNTRY:** Persons resident elsewhere - \$21 pa (\$18 if paid by AGM).
- JOINT:** Couples in either of the above categories who share a copy of the *News Bulletin*, but each otherwise have full membership privileges.
Ordinary - \$30 pa (\$27 if paid by AGM).
Country - \$27 pa (\$24 if paid by AGM).
- ASSOCIATE:** Students and others at the discretion of the Society Council - \$15 pa (\$12 if paid by AGM). Associate Membership conveys full membership privileges except the right to vote on the conduct of affairs of the Society, to hold office and to nominate new members.

THE AUSTRALIAN ENTOMOLOGIST SUBSCRIPTION RATES

- AUSTRALIA:** Individuals A\$16 pa Institutions A\$20 pa
- ELSEWHERE:** Individuals A\$20 pa Institutions A\$22 pa

Subscriptions should be sent to the Business Manager, *The Australian Entomologist*.

SUSTAINING ASSOCIATES

Arrest-A-Pest
Ciba-Geigy Australia Pty Ltd
CRC for Tropical Pest Management
Rhone-Poulenc Rural Australia Pty Ltd

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NOTICE OF NEXT MEETING

The next meeting of the Society will be the **Annual General Meeting** with election of officer bearers, at 6.30 pm on **Monday 09 March**, in Room 323 Hartley Teakle Building UQ. Refreshments will be served before the meeting at 6.00 pm in the Tea Room (510).

VISITORS ARE WELCOME

You are invited to attend two conferences : first the

**AUSTRALIAN ENTOMOLOGICAL SOCIETY
29TH AGM
AND SCIENTIFIC CONFERENCE**

**26 - 29 SEPTEMBER 1997
THE UNIVERSITY OF QUEENSLAND
BRISBANE, AUSTRALIA**



*Followed by the Australasian Applied Entomological Research Conference
(see overleaf)*

SCIENTIFIC SESSIONS

The program will include three mini symposia plus sessions for contributed papers on insect and arachnid systematics and other papers that do not fit easily into the designated symposia sessions.

Invited speakers will introduce the Symposia on :

- ▶ Medical Entomology in Australia
- ▶ Hardwood Forestry Entomology
- ▶ Insect Movement

REGISTRATION DETAILS

Early Registration (before 3 July 1998) : Member	AUD\$145	Non-Member	AUD\$195
Full Registration (after 3 July 1998) : Member	AUD\$175	Non-Member	AUD\$215
Student Registration	AUD\$105		
Field Trip	AUD\$40		
Conference Dinner Monday 28 September	AUD\$35		
Welcoming Function (included in fee) Saturday 26 September			

The registration fee includes the book of Abstracts, morning / afternoon teas, lunches and the Welcome Function on Saturday 26 September. The cost for the Field Trips being offered on Tuesday 29 September and the Conference Dinner on Monday 28 September is *not* included in the Registration fee.

Application for Submission of Scientific Paper or Poster : please contact the Conference Secretariat for an Application Form.

Combined Registration (at a reduced rate of AUD\$395/early and AUD\$445/after 3 July) with the Sixth Australasian Applied Entomological Research Conference 29 September - 2 October.

<http://www.uq.oz.au/entomology/entsoc/entoconf.html>

For further information, please contact:

**Conference Secretariat (Sally Brown), ICTE Conferences, The University of Queensland
Brisbane Queensland Australia 4072**

Tel: +61 7 3365 6360 Fax: +61 7 3365 7099 Email : sally.brown@mailbox.uq.edu.au

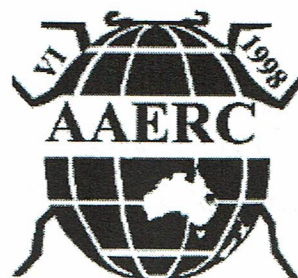
You are invited to attend the :

**SIXTH AUSTRALASIAN APPLIED
ENTOMOLOGICAL RESEARCH CONFERENCE**

"Pest management - future challenges"

29 SEPTEMBER - 2 OCTOBER 1998

BRISBANE, AUSTRALIA



The largest applied entomological research conference in Australasia

straight after the Australian Entomological Society Meeting (see over)

A range of symposia and keynote speakers has been arranged that will address the major issues in the management of insect pests, stimulate discussion and set the tone for research and development in applied entomology into the future.

Conference Keynote Address

George Rothschild, Former Director of the International Rice Research Institute
"Applied Entomology: prospects, pitfalls and challenges for the next millennium"

Other Keynote Speakers :

Frank Zalom (University of California, USA)
Peter Merriman (Agriculture Victoria, Australia)
Bruce Tabashnik (University of Arizona, USA)
Phillip Kirsch (IPM Technologies, USA)
Michael Schauff (United States Dept of Agriculture, USA)
John LaSalle (International Institute of Entomology, UK)
Keith Hopper (US Department of Agriculture, USA)
Bob Ikin (Australian Quarantine and Inspection Service)

Alistair Drake (Australian Defence Force Academy-Physics)
Tom Sparks (Dow AgroSciences, USA)
Ian Denholm (Rothamstead, UK)
Gordon Gordh (The University of Queensland, Australia)
Rosemary Gillespie (University Of Hawaii, USA)
Tim New (La Trobe University, Australia)
Richard Ivens (Ministry for Agriculture & Fisheries, New Zealand)

REGISTRATION DETAILS

Early Registration (before 3 July 1998) AUD\$325
Full Registration (after 3 July 1998) AUD\$365
Day Registration AUD\$180
Student Registration AUD\$220
Field Trip AUD \$40
Additional Conference Dinner Ticket AUD \$60
Accompanying Person AUD\$120

Student and full registration includes the Welcome Reception on Tuesday 29 September, morning and afternoon teas, lunches, the Conference Dinner and the Conference Proceedings.

One-Day Registration includes morning / afternoon teas and lunches on the nominated day and a copy of the Conference Proceedings.

- Special Conference Airfare
- Beautiful venue at The University of Queensland on the Brisbane River

Combined Registration (at a reduced rate of AUD\$395/early and AUD\$445/after 3 July) with the Australian Entomological Society 29th AGM and Scientific Conference 26 - 29 September - see over.

For details of the Conference, visit the Home Page at: <http://www.ctpm.uq.edu.au/Education/AppliedEnto.html>

For further information, please contact:

**Conference Secretariat (Sally Brown), ICTE Conferences, The University of Queensland
Brisbane Queensland Australia 4072**

Tel: +61 7 3365 6360 Fax: +61 7 3365 7099 Email : sally.brown@mailbox.uq.edu.au