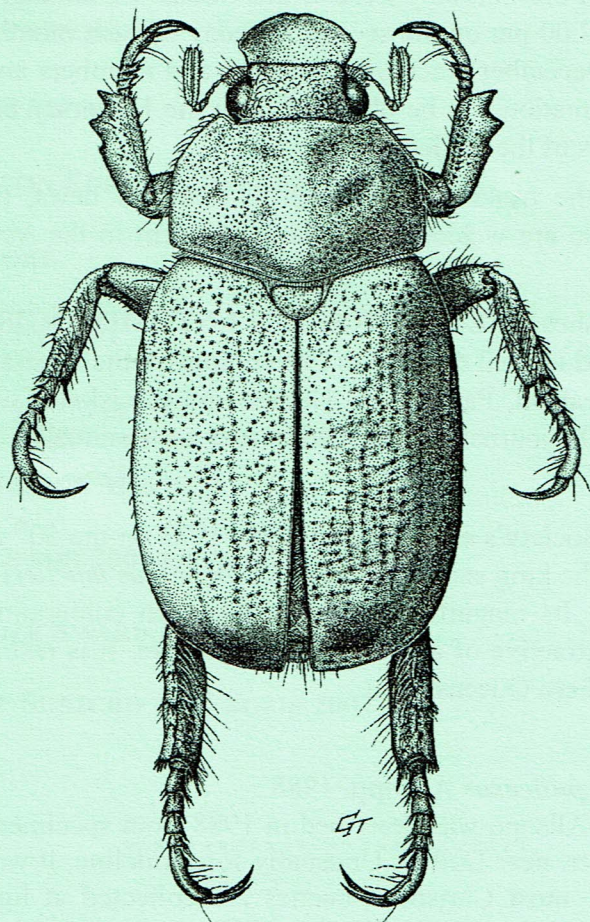


ENTOMOLOGICAL SOCIETY OF QUEENSLAND INC

NEWS BULLETIN



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Volume 34, Issue 10, Feb07

The **ENTOMOLOGICAL SOCIETY OF QUEENSLAND INC.**, since its inception in 1923, has promoted the development of pure and applied entomological research in Australia, 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 Goddard Building, University of Queensland at 7.00 pm on the second Monday of each month (March to June, August to December) each year. Visitors and members are welcome. Membership information can be obtained from the Honorary Secretary, or other office bearers of the Society.

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 in the Australian region, including New Zealand, Papua New Guinea and the 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 purple and green colouration makes it one of the most attractive of all Australia Coleoptera. It is restricted to the rainforests of northern Queensland.

COVER: *Wambo puticasus* Allsopp, 1988

Wambo puticasus Allsopp was described in 1988 from specimens collected at Lake Broadwater, near Dalby. Unusually for a ruteline, it was collected in a pitfall trap – most Christmas beetles are collected at light or from feeding trees. The specific name reflects this, whilst the generic name honours the shire in which it was collected. Geoff Thompson did the drawing, the original of which is a prized possession of Peter Allsopp.

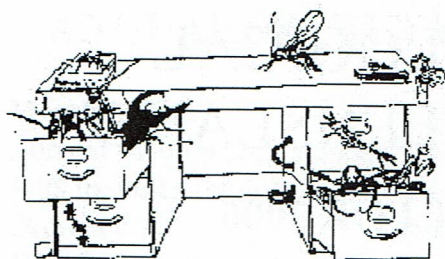


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The issue of this document does **NOT** constitute a formal publication for the purposes of the "International Code of Zoological Nomenclature 4th edition, 1999". Authors alone are responsible for the views expressed.

THE ENTOMOLOGICAL SOCIETY OF QUEENSLAND

ANNUAL REPORT FOR 2006

The Council of the Entomological Society of Queensland presents its Annual Report for 2006.

Attendance throughout the year at the Society's General Meetings stayed at about the same level as last year, averaging 20 members and 3 visitors per meeting. Meetings early in the year had much better attendances than those later (with the exception of the December meeting). Some of this was due to the trial of the new meeting time at 5 pm, which was not well received by the membership. The starts of meetings have been returned to the 7 pm time for 2007. The largest attendance for a meeting (26 members, 7 visitors) occurred in April when Geoff Thompson spoke on "Digital Insect Illustration and Imagery: A Queensland – Smithsonian Scholarship in the USA".

The Student Award attracted three entries this year and was awarded to Michelle Rafter for her work on "Sexual communication and host use in South African citrus thrips, a generalist herbivore that has invaded Australia".

The Council's web site (www.esq.org.au) and new email address (esq@uqconnect.net) were established this year.

The Council would like to take this opportunity to thank our Sustaining Associates for their continued support of the Society.

Details of the year's activities, together with reports from the Treasurer, the Editor of the News Bulletin, the Editor and Business Manager for The Australian Entomologist, the President of the Society follow:

ANNUAL SECRETARY'S REPORT FOR 2006

Membership:

Current membership stands at 263.

This includes the following categories of members:

Ordinary	223	(of which 114 are Country members)
Joint Memberships	14	(of which 5 are Country members)
Student	20	
Life Members	6	

The Bulletin is also sent to 18 libraries or institutions.

Council Meetings:

Ten council meetings were held throughout 2006, at which the attendance was:

Peter Allsopp	7	Don Sands	6
Peter Mackey	5	Richard Bull	7
Sassan Asgari	8	Geoff Monteith	8
Gunter Maywald	8	Margaret Schneider	6
Matthew Purcell	7	Natalie Spiller	6
Susan Wright	2		

General Meetings:

Nine General Meetings were held throughout the year 2006. The review of the Society's constitution by Council last year culminated in its acceptance by the membership at the March AGM. In an attempt to increase attendance at meetings, an earlier time of 5 pm was trialed for 3 meetings at the end of the year. A survey of members after the trial indicated that a large majority preferred the 7 pm start. The main business of each of the meetings, as reported in the News Bulletin of the Entomological Society of Queensland each month, Volume 34 parts 1-9 (2006), was:

March Outgoing Presidential Address: Dr Peter Mackey: *Adventures in Entomology* (pp.4-9)

April Geoff Thompson: *Digital Insect Illustration and Imagery: A Queensland – Smithsonian Scholarship in the USA*. (pp. 28-42)

May Rod Eastwood: *Ant association and speciation in Lycaenidae*

(Lepidoptera): *Consequences of novel adaptations and Pleistocene climate changes.* (pp. 48-52)

June

Michelle Rafter: *Sexual communication and host use in South African citrus thrips, a generalist herbivore that has invaded Australia.* (pp. 64-66)

Ross Kendall and John Moss: *Interesting albinistic and melanistic aberrations of Eurema and Catopsila (Lepidoptera: Pieridae and Coliadinae) butterfly species.* (pp. 67-74)

Geoff Monteith: *New northern insects in Brisbane... a taste of global warming?*

Mike Muller: *The southern expansion of the pest biting midge Culicoides ornatus to Brisbane.* (p. 75)

Peter Allsopp: *The ZooBank proposal.* (p.76)

August (Perkins Memorial Lecture)

Owen Seeman: *Passalid beetles and the zoo on their luggage.* (p. 84-94)

September

Chris Burwell: *Mushrooms fro breakfast – Fungi as a food source for insects.* (pp. 100-110)

October

Steve Francis: *Overview of Medical Entomology at the Australian Army Malaria Research Unit.* (pp. 120-129)

November

Dr. Scott O'Neill: *Population age structure and modulating the transmission of dengue by Aedes aegypti.*

December

Marc Coombs: *An assessment of Whitefly (Hemiptera: Aleyrodidae) diversity in southeast Queensland.* (p. 152)

Tim Heard: *The CSIRO Mexican Field Station.* (pp. 148-150)

Shon Schooler: *Insects for the Biological Control of invasive aquatic plants.* (pp.151-152)

ANNUAL TREASURER'S REPORT FOR THE YEAR ENDED 31 DECEMBER, 2006

The Society's finances remained in a sound position during 2006. The invoice and receipting is now computerised simplifying the payment process. Further improvements will be made in 2007 with invoicing of all members occurring at the start of the year. The biggest concern is that many members are yet to pay their 2006 dues despite being invoiced on several occasions. Once again I would like to thank people who did pay their membership quickly which helped to sustain the society's account balance in a healthy position.

A net profit of \$1040.64 was achieved for 2006. It should be noted that this figure includes subscriptions still outstanding for 2006 and also has 2007 advanced subscriptions deducted from the total figure. This is in line with presentation of books suggested by the Auditors in 2005 (Ryan Harvie McEnery). The major expenses were the printing and postage costs associated with the bulletin. Sustaining associates have not been approached for contributions. Significant funds were allocated for professionally auditing the society books for the 2005 financial year. Council thought it prudent to have the Society's finances rigorously inspected to verify that our accounting procedures are adequate. The expense was considered worthwhile given that major improvements have been made in keeping the books in order.

Matthew Purcell

2006 277 MEMBERS

Entomological Society of Queensland Inc.**Trading Account****For the year ended 31 December, 2006****Trading Income**

Subscriptions	7,414.00
Total Trading Income	7,414.00

Cost of Sales**Add:**

Bulletin Printing	2,907.75
Bulletin Postage	1,552.80
	4,460.55
Cost of Sales	4,460.55

Gross Trading Profit	2,953.45
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Entomological Society of Queensland Inc.**Income and Expenditure Statement****For the year ended 31 December, 2006****Income**

Trading Profit	2,953.45
Interest Received	48.40
Gold Coin Donations	306.62
Web Page Contribution	
Aust. Entomologist	66.00
Total Income	3,374.47

Expenses

Bank Merchant Fees	154.03
Supper Purchases	396.50
Stationary Purchases	508.15
Aust Ent. Soc. Member-ship	110.00
Student Prize	250.00
Audit	660.00
Web Page Registration and Hosting	198.00
General Postage	57.15
Total Expenses	2,333.83

Profit from Ordinary Activities before income tax	1,040.64
--	-----------------

Entomological Society of Queensland Inc.

Statement of Financial Position as at 31 December, 2006

Current Assets

Cash Assets

Cash at Bank	9,594.93
Cash on hand	132.20
Total	<u>9,727.13</u>

Receivables

Trade Debtors	960.00
Total	<u>960.00</u>

Total Current Assets	<u>10,687.13</u>
-----------------------------	------------------

Non-Current Assets

Property, Plant and Equipment

Computer - Software	340.81
Less:- Accumualted depreciation	85.20
	255.61

Total Non-Current Assets	<u>255.61</u>
---------------------------------	---------------

Total Assets	<u>10,942.74</u>
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Current Liabilites

Payables

Trade Creditors	32.71
Subscriptions Paid in Advance	413.00

Total Current Liabilites	<u>445.71</u>
---------------------------------	---------------

Total Liabilities	<u>445.71</u>
--------------------------	---------------

Net Assets	<u>10,497.03</u>
-------------------	------------------

Equity

Retained profits/(accumulated losses)	<u>10,497.03</u>
---------------------------------------	------------------

Total Equity	<u>10,497.03</u>
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Independent Auditors Report

To the members of the Entomological Society of Queensland

Scope

I have audited the accounts of The Members of the Entomological Society of Queensland, being the Balance Sheet of Income and Expenditure for the year ended 31 December 2006. The committee of the society is responsible for the preparation and presentation of the accounts and the information they contain and have determined that the accounting policies used are appropriate to meet the needs of members. I have conducted an independent audit of these accounts in order to express and opinion to the members of the society on its presentation and preparation. No opinion is expressed as to whether the basis of accounting used is appropriate to the needs of members.

Auditor Opinion

Subject to the effects of the above the financial reports present fairly the activities of the Society for the year ended 31st December 2006.

Marjorie Gunasekara
Finance Officer
CSIRO Entomology
120 Meiers Road
Indooroopilly QLD 4068

Dated: 9 February 2007

ANNUAL NEWS BULLETIN EDITOR'S REPORT FOR 2006

I hope that everyone has enjoyed reading the bulletins throughout 2006. Overall, the publishing schedule ran smoothly this year, with most bulletin issues appearing complete and on time. Reports of errors have decreased in this year's news bulletins which I contribute solely to the introduction of my new proof reader – Peter Allsopp. However does he find the time?

The 150 pages of the 2006 news bulletin was only slightly less than last years news bulletin (164 pages), despite less contributions to the Projects and People section. Requests for Information have increased, particularly from university and overseas members. The absence of Prof. Scott O'Neill's presentation "Population age structure and modulating the transmission of dengue by *Aedes aegypti*" from the November news bulletin was a huge disappointment as no hard copy was available in time for printing.

Thank you to all speakers who provided timely transcripts and to our Secretary Gunter Maywald (and those who stepped in while he was away) in taking notes at our monthly meetings. Extra special thanks goes to Paul Bambach for his notes from Newcastle, Allen Sundholm for his book review (The M.R. Golding Collection. A pictorial field guide to the beetles of Australia. Part 1: '*Stigmoderini*'), Peter Brenton for his update on DPI&F Forestry Entomology, and Ted Edwards and Marianne Horak on their findings on the Cooloola Kin Kin moth.

Again, I thank everyone who has helped in the production of the news bulletin during my editorship, which is finishing this March. It is a big ask for people to go to the trouble of getting photos and a write up ready when there are so many other things to attend to. I really appreciate the time and patience involved and I hope that there is a smooth transition to the next news bulletin editor.

Natalie Spiller

ANNUAL PERMIT COLLECTING REPORT 2006

It has been a busy year on the collecting permit front with State Forest permits being renewed. **Note: State Forest permits expired October last year and have been renewed so please check the dates on your permits.** The majority of you have already received your new permit but if you haven't please contact me. I have sent the 2006 report to QPWS with a current up-to-date list of all those who hold the permits. This year we have had a wonderful response from permit holders and most reports were received in a timely manner. Thank you to all who have contributed so willingly. I will be sending out a reminder in July that all permit reports for 2006-2007 need to be collated and sent in to me in August. If anyone needs the return excel file please contact me and I'll send it out.

Once again we have more members holding the permit with an increase of double the records given to QPWS (3193 records in total). This covers 56 reserve areas all over Queensland. A number of the records from these collections are now being published and thanks to those of you who have passed on reprints for me to send in with the returns to QPWS. Eleven orders are now actively being studied by members using our permits. Which means we now have a much broader range of taxa being collected which can only be good for entomology in Queensland.

If there are any members who wish to take advantage of the permits please contact me on the address on the back of the newsletter and I will send you out an application form. If members have changed any of their details please let me know so I can alter my records.

Note : I will be away from the 16 April to the 8 July 2007 so please endeavor to get any queries to me before this time. I will not be issuing any new permits during this time.

Well done all and happy collecting for this year.

Susan Wright

ENTOMOLOGICAL SOCIETY OF QUEENSLAND

OUTGOING PRESIDENT'S REPORT 2006

2006 continued the Society's 83-year tradition of a full program of general meetings, including some speakers from unusual sources. The way that the Society does its business has benefited from the revision of the Constitution that was approved in 2005. This has streamlined the election of new members, and the way that journal and permit business is carried out. The drive of the 2005 President, Peter Mackay, was particularly important in developing these changes.

A notable highlight of the year has been the continued success of the Society's journal *Australian Entomologist*. In the face of intense competition from other publications, the journal has continued to fill an important niche in entomological literature. It has increased its subscriptions and has a healthy list of accepted and submitted manuscripts to ensure its immediate future. The input of its Editor, Dr David Hancock, since 1994 was recognised by the Society in his election to Honorary Membership. His wide experience and his contributions to entomological research and pest eradication, as well as his editing expertise, made David an ideal choice for Honorary Membership.

A topic that has occupied a considerable portion of Council meetings is how to make the Society more relevant to its current and potential members. Is the format of monthly meetings with a guest speaker the most appropriate? How does the Society attract more undergraduate and postgraduate students as members, particularly in face of the

downgrading of the entomological offering in the course catalogue of the University of Queensland? What innovative activities can the Society host that perhaps would honour an outstanding Queensland entomologist or covering a key entomological topic of interest to Queenslanders, and that will attract a much broader audience than our General meetings? These and related questions will continue to occupy the minds of Council through 2007 and I am sure that incoming President Sassan Asgari would welcome members comments and suggestions.

I take this opportunity to thank all members of Council for their dedication to the Society. Without the efforts of people willing to come onto Council, the Society would cease to exist. I wish the incoming Council a productive and successful year and that the Society can continue to grow and to improve its relevance to the Queensland entomological community.

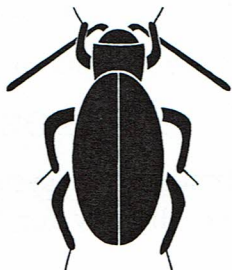
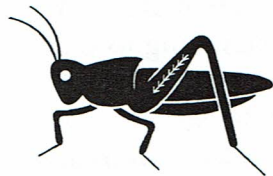
Dr Peter Allsopp, *President*



NOTICE FOR NEXT MEETING

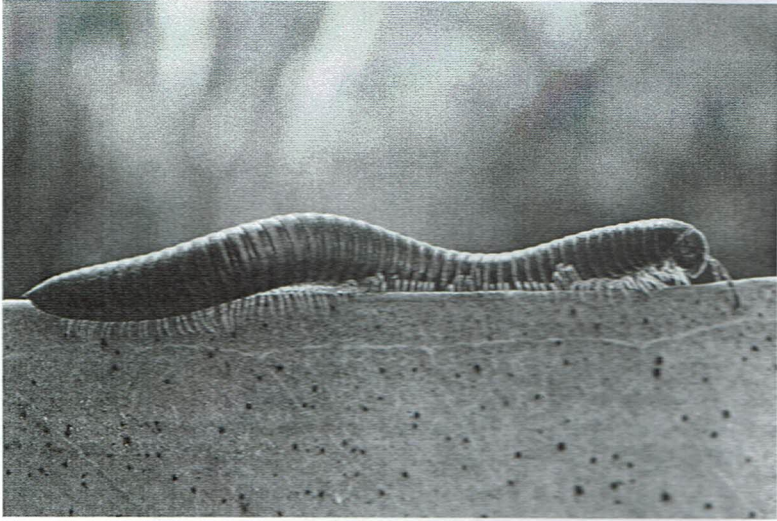
Monday 12th March 2007 at 7pm
Room 139, Goddard Building
University of Queensland, St Lucia

Main business will be the Annual General Meeting and the
Presidential Address from Dr Peter Allsopp.



CSIRO MILLIPEDE MADNESS

Aussie kids measure millipede's mayhem



Every autumn, millions of little legs invade Australian houses as the feral Portuguese millipede goes on the march, but this March hundreds of CSIRO's Double Helix Science Club members and students will be waiting.

Millipede Mayhem is the latest Double Helix National Experiment where students, families and schools work with CSIRO to map the invertebrate's spread. The data will become part of scientific research examining its distribution, morphology and adaptations.

"The survey is an important step in controlling this invasive pest," says CSIRO entomologist Dr Geoff Baker who first studied the millipedes 35 years ago.

Portuguese millipedes mass in plague proportions in late summer and autumn, causing havoc for homeowners.

In extreme circumstances they have brought rail systems to a halt by smothering tracks and making them too slippery for the trains to gain

traction. Little is known about more complex interactions the invasive invertebrate has with our ecosystems or where it has spread since the last national survey 22 years ago.



Members of the public interested in registering to take part in the survey should visit www.csiro.au/education/MillipedeMayhem.html. More information is available at www.csiro.au/helix

High quality images of kids with millipedes, electron micrographs and a range of images are available.

Further Information:	
Graham Walker, CSIRO Education	Ph: 02 6276 6264 graham.walker@csiro.au
Liz Yuncken, CSIRO Education	Ph: 02 6276 6397 elizabeth.yuncken@csiro.au

NOMINATIONS FOR 2007 OFFICE BEARERS OF THE ENTOMOLOGICAL SOCIETY OF QUEENSLAND

Members are invited to use the following form to nominate office bearers for the Entomological Society of Queensland Inc. for 2007. Nominations should be referred to the Secretary, Entomological Society QLD, PO Box 537 Indooroopilly 4068 Brisbane Qld.

A list of nominations received will be circulated in the News Bulletin (see next page), and an election held at the Annual General Meeting in March 2007. In the absence of a nomination for any particular office, the president may receive nominations at the Annual General Meeting.

Positions to be filled are as follows:

- Senior Vice President
- Honorary Secretary
- Honorary Treasurer
- News Bulletin Editor
- Councillors (3 positions)

The Entomological Society of Queensland functions effectively because members play an active part in the Society. All members are encouraged to nominate for positions on the Council of the Society. If you want to know more about any of the Council positions, please contact one of the existing Council members listed on the back cover of the News Bulletin.

Received nominations:

Position	Nomination
Senior Vice-president	Mike Furlong
Honorary Secretary	
Honorary Treasurer	Mathew Purcell
News Bulletin Editor	
Councillors (3 positions)	Richard Bull Margaret Schneider Don Sands
<i>Aust. Entomologist</i> Editor	David Hancock
<i>Aust. Entomologist</i> Business Manager	Geoff Monteith

ENTOMOLOGICAL SOCIETY OF QUEENSLAND 2007

\$250 STUDENT AWARD

This is an award by the society to encourage entomological research. Entries are judged by a panel of 3 entomologists appointed by the President of the Society. The winner will be announced at the May 2007 General Meeting and is then invited to present a summary of their research at the June Notes and Exhibits meeting of the Society.

Honours, Diploma and 4th year Degree students at any Queensland tertiary education may submit their thesis or report on an entomologically related topic examined during 2006 or 2007 for the judging of this award.

Entries need not be Society members.

These reports should be directed to the Society's Secretary, PO Box 537 Indooroopilly 4068 Brisbane Qld. **Closing date for submissions is late April 2007.**

Student Award Sponsors:

Tropical Fruit Fly Research Group, Griffith University

Pest Management Research, Department of Natural Resources and Mining

**ENTOMOLOGICAL SOCIETY OF QLD
2007 STUDENT AWARD
ENTRY FORM**

Name:

Title of thesis or report:.....

.....

.....

Degree:

Supervisor:

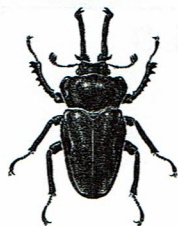
Date of Examiners report or grading:

Return address for thesis/report:

.....

Signature: Date:.....

Send in thesis / report and entry form to:
The Secretary, Entomological Society of Queensland
PO Box 537, Indooroopilly 4068, Brisbane Qld.



THE ENTOMOLOGICAL SOCIETY OF
QUEENSLAND INC.

Founded 1923
Incorporated 1971

Dear Member

Your subscription for 2007 is now due. If you haven't already paid, please mail or fax your payment to the address supplied

Yours sincerely

Matthew Purcell (Hon. Treasurer)

Title _____ Initials _____

Surname

Address _____

Email _____@_____

Annual Subscription for 2007

- General - \$30 pa
- Joint - \$36 pa
- Student - \$18 pa

Amount

My cheque/money order is enclosed

Please charge my credit card

Bankcard Visa MasterCard

[illegible]

Name on card _____

Expiry date ____ / ____ Signature _____

Return to Honorary Treasurer, Entomological Society of Queensland
PO Box 537 Indooroopilly 4068 Brisbane QLD.

SOCIETY SUBSCRIPTION RATES

GENERAL:	Person who has full membership privileges.	\$30pa
JOINT:	Residents in the same household who share a copy of the <i>News Bulletin</i> , but each otherwise have full membership privileges.	\$36pa
STUDENT:	Students and others at the discretion of the Society Council	\$18pa

Student membership conveys full membership privileges at a reduced rate. See subscription form on opposite page for details.

THE AUSTRALIAN ENTOMOLOGIST SUBSCRIPTION RATES

AUSTRALIA:	Individuals	A\$25pa
	Institutions	A\$30pa
ELSEWHERE:	Individuals	A\$35pa
	Institutions	A\$40pa

Subscriptions should be sent to the Business Manager, *The Australian Entomologist*
PO Box 537, Indooroopilly 4068, QLD.

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IMPORTANT NOTICE

The official address for the Entomological Society of Queensland and *Australian Entomologist* and to which all communications should be addressed is:

PO Box 537, Indooroopilly 4068, Qld.

Back cover gives contact details of individual council members.

NOTICE OF NEXT MEETING

The next meeting of the Society will be held at 7:00 pm on Monday, 12th March at Room 139 GODDARD Building, University of Qld. The main business will be the Annual General Meeting and Presidential Address from Peter Allsopp. Refreshments will be served before the meeting at 6:30 pm in the tea room, Level 2 of the Goddard Building (to the right of the main stairs), with a gold coin donation required. No donation is required to attend the talk alone.

VISITORS ARE WELCOME

DIARY DATES 2007

Meetings held usually every 2nd Monday of the Month

12 Mar Annual General Meeting

HONORARY LIFE MEMBERS OF THE SOCIETY

R.A.I. Drew	E.M. Exley	D. Hancock
D.S. Kettle	M.J. Harslett	
R.P. Kleinschmidt	E.J. Reye	