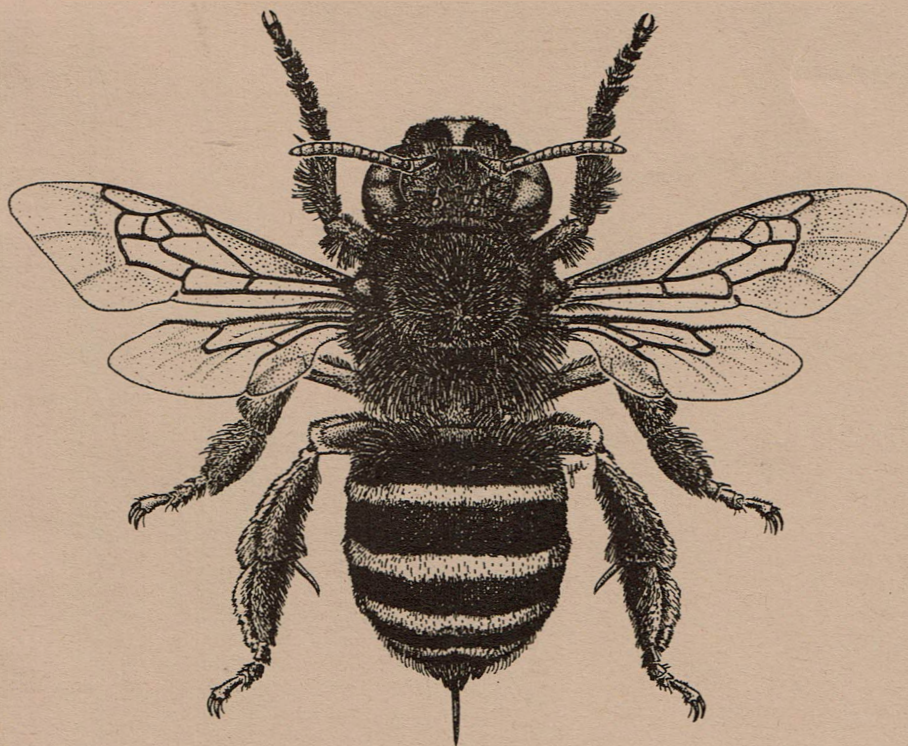




# ENTOMOLOGICAL SOCIETY OF QUEENSLAND NEWS BULLETIN



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Volume 26, Issue 10, February 1999



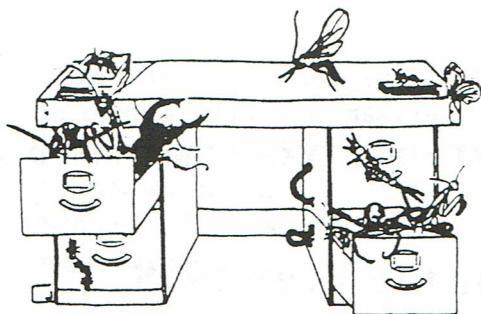
The **ENTOMOLOGICAL SOCIETY OF QUEENSLAND**, since its inception in 1923, has striven to promote the development of pure and applied entomological research in Australia and particularly in Queensland. Membership is open to anyone interested in Entomology. The Society promotes liaison among entomologists 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 50<sup>th</sup> 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 bluebanded bee, *Amegilla* spp. (Hymenoptera:Anthophoridae) drawn by Yanni Martin. These bees are particularly interesting. They nest in aggregations with each female digging her own burrow and cells, often in protected banks of soil. However, they have been found digging holes for burrows in the mortar of walls in suburbia, with subsequent generations returning to the nest site.



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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.

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THE ENTOMOLOGICAL SOCIETY OF QUEENSLAND

## Annual Report for the Year 1998

The Council of the Entomological Society of Queensland presents its Annual Report for 1998.

1998 marked the 75th Anniversary of the Society. This significant event was celebrated at the December Notes and Exhibits meeting with a special talk reminiscing on the early days of the Society, given by one of our longest standing members, Dr Pat Marks. Also at this meeting, special recognition was given to the contribution made by Pat Marks to entomology in Queensland.

The Presidential address was delivered in August this year rather than at the AGM in March due to the absence overseas of the outgoing President, David Yeates. David's talk "Australia's tropical rainforest diversity – Spatial and temporal scales of Evolution" was greatly enjoyed by all those who attended. The venue for this and all subsequent general meetings was changed from Room 323 to Room 448 in the Hartley Teakle building.

The Student Award was presented to Chris Palmer of the University of Queensland for his Honours thesis entitled "Immature stages and relationships of the enigmatic genus *Exeretonevra* Macquart (Diptera: Brachycera)". Chris was presented with the award at the June Notes and Exhibits meeting.

The Society lost its President in October, when Gordon Gordh returned to the United States. The Senior Vice President, Chris Burwell, took over the role of President from this time. Gordon Gordh will act as the Junior Vice-President in absentia during 1999.

1998 was also the final year in which there was a single Department of Entomology at the University of Queensland, following a merger to form the Department of Zoology and Entomology. This is a significant event to many members of the entomological community in Queensland and Margaret Schneider described briefly what the merger might mean at the December meeting.

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

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

Manon Griffiths  
*Honorary Secretary*

### **1. Membership**

During 1998, 6 new members joined the Society and 8 memberships were terminated. Membership stands at 115 Ordinary, 6 Joint Ordinary, 118 Country, 3 Joint Country, 20 Associate, 3 Honorary Life, and 2 Sustaining Associates. 20 complimentary copies of the News Bulletin are supplied.

### **2. Council meetings**

Nine meetings were held by the 1998 Council, attendance was as follows:

Gordon Gordh - 4, Narelle Power - 8, Chris Burwell - 9,  
Andrew Loch - 8, David Yeates - 4, David Merritt - 7,  
Manon Griffiths - 9, Susan Evans - 7, Gunter Maywald - 7,  
Helen Nahrung - 8.

### 3. General meetings

Nine general meetings were held throughout the year. Attendance averaged 32 members and visitors, with over 50 attending the 75th anniversary celebrations in December. The main business of the meetings was as follows:

- March 09      Gordon Gordh and Susan McGrath: "A survey of insect pests in the Queensland Cultural Centre and demonstration of the LucID key to urban pests (Urban Pest Manager)."
- April 14      Heather Proctor: "Red, distasteful water mites: Did fish make them this way?"
- May 11      Hugh Dingle: "Rapid evolution in golden rain-tree bugs: Parallels between California and Brisbane."
- June 09      Notes and Exhibits.  
Chris Palmer: "Immature stages and relationships of the enigmatic genus *Exeretonevra* Macquart (Diptera: Brachycera)",  
Susan Evans: Biology and immature stages of aphidophagous *Syrphini* larvae",  
Chris Burwell: "Australia's largest antlion?",  
Geoff Monteith: "Brood nesting in a dynastine beetle"
- August 10    Presidential address  
David Yeates: "Australia's tropical rainforest diversity – Spatial and temporal scales of Evolution."
- September 14 Glenn Graham: "Entomology meets biotechnology."
- October 12    Stefan Schmidt: "Aspects of the biology of Australian Pergid sawflies (Hymenoptera, Symphyta, Pergidae)."



November 09 Alan Rix: "Touring an Eocene Lake – Fossil insects of the southeast Queensland tertiary deposits."

December 14 Notes and Exhibits

Pat Marks: "Reminiscences of Entomological Society of Queensland",

Chris Burwell: "Two weeks hunting for black beetles in the Wet Tropics: a brief travelogue",

Rieks van Klinken: "Two beneficial introductions to the Australian fauna",

Judy King: "A new aphid on pine in Australia". (transcript to be included in Volume 27, Issue 1)

### NOTICE OF NEXT MEETING:

The next meeting of the Society will be the **Annual General Meeting** with the election of office bearers at 6.30pm on **Monday 8 March**, in room **448** Hartley Teakle Building, UQ. Refreshments will be served before the meeting at 6.00pm in the Tea Room.

## **TREASURER'S REPORT**

### **for the year ending 31 December 1998**

The Society had an operating deficit of \$364.87 this year. All of this deficit is accounted for by the fact that all purchases made during the calendar year are included under expenditure, even if the invoices have not been paid. This produces a liability item (Payments due on 31/12) consisting of expenditure incurred in 1998 but not paid for until 1999. Thus, for example, 11 bulletin printing and postage items are included in this year's expenditure, compared with the 9 for last year. With this change in accounting treatment taken into consideration, this year's result is similar to that of last year.

Membership receipts were also lower this year, due to the considerable drop in membership numbers, with a very low recruitment rate this year. A total of 94 members have yet to pay their 1998 subscriptions. Of those, 42 also have all or part of their 1997 subscription still outstanding. The membership of 8 individuals were terminated after the AGM for non-payment of dues, producing a write-off of \$308.00 in unpaid subscriptions.

Expenditure from the Sustaining Associates Fund was \$250 for the 1998 Student Award. Two Sustaining Associates contributed a total of \$650.00 to the fund. With only a single Sustaining Associate remaining at the end of the year, the new committee will need to make a major effort at finding organizations willing to support this part of our Society's activities, or funds in that account will dry up rapidly.

The 'Refreshment Fund' item gives a breakdown of the expenditure on food and drinks at all meetings during the year. This year, we also spent an average of \$24.04 per meeting (not including the December meeting) to provide drinks and snacks, after donations at these meetings are taken into account. A loss of \$115.13 was made from the December Notes and Exhibits meeting due to a considerably smaller attendance than anticipated from return of RSVP's.

Gunter F. Maywald  
*Honorary Treasurer, 1998*



# FINANCIAL STATEMENT for year ended 31 December 1998

## Liabilities

Subs in advance - 1999	\$236.00
Payments due on 31/12	895.2

Sustaining Associates Fund	\$2,535.77
----------------------------	------------

**\$3,666.97**

Balance 1/1/98	\$7,182.36
Surplus	(\$364.87)
Balance 31/12/98	<b>\$6,817.49</b>

**\$10,484.46**

## Assets

Comm. Bank Chq A/c	\$4,240.91
Comm. Sav Inv. A/c	\$0.00
Comm. Term Deposit	\$2,955.39
Petty Cash	\$27.25
Refreshment Fund	(\$22.70)
Subs. owing 1998	\$3,028.61

**\$10,229.46**

## Stock

39 Pks cards @ \$1	\$39.00
Journals (nominal)	\$1.00
News Bulletins	\$1.00
Index to Minutes	\$1.00
Stationery	\$103.00
Bulletin Envelopes	\$20.00
Crockery, Glassware	\$0.00
Hot Water Urn	\$35.00
Accounting Software	\$55.00
	<b>\$255.00</b>

**\$10,484.46**

## Treasurer's Petty Cash

Balance 1/1/98	\$23.15
From General A/c	\$0.00

**\$23.15**

Flowers	\$40.00
Balance	(\$16.85)
	<b>\$23.15</b>

## Secretary's Petty Cash

Balance 1/1/98	\$5.03
From General A/c	\$50.00

**\$55.03**

Postage, etc.	\$31.60
Balance	\$23.43
	<b>\$55.03</b>

## Publication Committee Account

Balance 1/1/98	\$20.67
From General A/c	\$1,063.86

**\$1,084.53**

Postage (11 bulletins)	\$1,063.86
Balance	\$20.67
	<b>\$1,084.53</b>

## Refreshment Fund

Balance 1/1/98	(\$4.47)
Income (December meeting)	\$697.45
Donations (Other meetings)	\$30.90
From General A/c	\$289.23

**\$1,013.11**

Catering (December Meeting)	\$812.58
Catering (Other Meetings)	\$223.23
Balance	(\$22.70)
	<b>\$1,013.11</b>

YEAR 1998

## Sustaining Associates Fund

Balance 1/1/98	\$2,135.77	Student Award	\$250.00
Contributions 1998	\$650.00	Perkin's Speaker Expenses	\$0.00
		Balance	\$2,535.77
	<b>\$2,785.77</b>		<b>\$2,785.77</b>

## Income

Subscriptions 1998	\$5,159.11
Paid Prior (in 1997)	\$310.89
Donations	\$728.35
Interest:	
Cheque Account	\$5.42
Savings Invest.	\$0.00
Term Deposit	\$25.83
Card Sales	\$0.00
Other Income	\$0.00
	<b>\$6,229.60</b>

## Expenditure

Bulletin	
Printing (11 bulletins)	\$3,520.40
Delivery	\$0.00
Envelopes	\$180.00
Postage	\$1,063.86
Petty Cash	
Treasurer	\$40.00
Secretary	\$31.60
Publication	\$0.00
Meeting Refreshments	\$1,035.81
State Govt Tax (GDT)	\$14.80
Subs. Discount 1998	\$320.50
Subs 1997 not collected	\$308.00
Depreciation Crockery/Glass	\$0.00
Depreciation Urn	\$4.50
Depreciation (Software)	\$25.00
Costs Stationery	\$50.00
	<b>\$6,594.47</b>
Surplus for Year	<b>(\$364.87)</b>
	<b>\$6,229.60</b>

## 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 1998, 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  
5 February 1999



## **The *Australian Entomologist* 1998 Report**

Volume 25 comprised 124 pages (8 in colour) in four parts. Three parts were published during the year; part 4 is due early in 1999. The volume consisted of 24 papers; no book reviews were received. During the year, 25 papers were received, whilst 4 papers were rejected and one withdrawn. Fifteen papers are on hand for 1999.

Typesetting continues to be done 'in house' and the inclusion of colour continued. Of the six as yet unpublished papers submitted prior to 1998, five are awaiting revision or completion by their authors, and one is due to appear in Volume 26 part 1. Volume 25 part 4 was delayed due to an unexpected shortage of finished papers, and the short average length of those in part 3. Longer papers are still welcome, as are short, one-page notes.

As always, it is a pleasure to thank our authors, referees and printers for their untiring contributions in maintaining the high quality of the journal.

### **Financial Position**

The number of subscriptions stands at 325, of which 90 are institutional. The financial position remains sound, with a surplus of \$1624.91 for 1998.

David L. Hancock  
*Editor*

Andrew Loch  
*Business Manager*

## FINANCIAL STATEMENT FOR THE AUSTRALIAN ENTOMOLOGIST 31 DECEMBER 1998

## ASSETS

CBA cheque a/c	7,896.33
Uni credit term deposits	14,839.74
Subs owing 1997	889.00
Page charges owing 1997	1,075.00
Stationery	135.49
	<u>24,835.56</u>

## LIABILITIES

Subs in advance 1999 (pd 1998)	612.34
--------------------------------	--------

EXCESS ASSETS OVER LIABILITIES \$24,223.22

## INCOME

Subscriptions	5,843.45
Page charges	3,250.00
Interest cheque a/c	30.66
Interest term deposits	617.14
Advertising	100.00
Sundries (Drafts Fwd Bill Coll.)	66.00
Subscriptions 1996	44.00
	<u>9,951.25</u>

## EXPENDITURE

Printing	6,541.00
Postage	963.50
Stationery	259.14
Govt. Debit Tax	10.70
Subscriptions 1997 not paid	212.00
PO Box rental	44.00
Drafts Fwd Bill Collection	110.00
Subscription refund	36.00
Page charges refund (overpaid)	150.00
	<u>8,326.34</u>

EXCESS INCOME OVER EXPENDITURE \$ 1,624.91  
 Plus Balance 1/1/98 \$22,598.31  
\$24,223.22

## 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 December 1998, together with the balance sheet of that date are, in my opinion, a true and fair account of the financial position of the journal.



PETER BOWES 7/2/99.



## ***News Bulletin* Volume 26, 1997/1998**

### **Editor's Report**

Editing and desktop work for the Bulletin were completed through the Department of Entomology, University of Queensland. It was printed by Kwik Kopy Toowong, who again provided outstanding service, with thanks to Judy, Diana and team.

Due to circumstances beyond my control, a delay was experienced in the production and subsequent postage of Volume 26, issue 9 and the enclosed subscription notices. Please accept my apologies.

Up until the December/January 1998/1999 edition, 178 pages had been published.

News item contacts supplied a steady stream of articles for 'People and Projects', and I would like to take this opportunity to thank all of those people involved for their support. Thanks to Chris Burwell and Manon Griffiths who, respectively, followed up main business transcripts and provided the minutes for each edition.

Finally, I would like to thank those of you who provided contributions to 'People and Projects' - it is great to receive information regarding the activities of our members.

Narelle Power  
*News Bulletin Editor*

## Nominations for 1999/2000 Office Bearers

Position	Nomination	Nominated	Seconded
President	Dr Chris Burwell Qld Museum	H. Nahrung	M. Griffiths
Senior Vice-President	Dr Dave Merritt Dept Ento, UQ	G. Maywald	S. Evans
Honorary Secretary	Dr Manon Griffiths DPI	S. Evans	G. Maywald
Honorary Treasurer	Dr Tony Clarke Griffith University	M. Griffiths	C. Burwell
News Bulletin Editor	Narelle Power Dept Ento, UQ	M. Griffiths	D. Yeates
Councillors (3 positions)	Susan Evans Qld Museum	D. Merritt	T. Clarke
	Chris Lambkin Dept Ento, UQ	M. Griffiths	D. Yeates
	Anthony O'Toole Dept. Ento, UQ	M. Griffiths	N. Power



## NOTICE OF 1999 MEETINGS

8 March 1999	AGM
12 April	
10 May	Perkins Memorial Lecture
15 June (Tuesday)	Notes and Exhibits
9 August	
13 September	
11 October	
8 November	
13 December	Notes and Exhibits

# ENTOMOLOGICAL SOCIETY OF QUEENSLAND

## 1999

### *\$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 1997 or 1998.*

**When:** *Applications close 5<sup>th</sup> March 1999*

*Send thesis/report and completed entry form to The Secretary, Entomological Society of Queensland, c/- Entomology Department., 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 standards of the entries is too low, an award may not be given.*

*Student Award Sponsors*

*\* Arrest-A-Pest*

*\* CRC for Tropical Pest Management*

*\* Rhone-Poulenc Rural Australia Pty Ltd*

*Enquiries should be directed to the President, Christopher Burwell  
(07) 3840 7703 or any Office Bearer of the Society*

*ENTOMOLOGICAL SOCIETY OF QUEENSLAND*  
*1999 Student Award*  
***Entry Form***

*Name:*

---

*Title of thesis/report:*

---

*Institution:*

---

*Degree:*

---

*Supervisor:*

---

*Date of examiners report/grading:*

---

*Address for return of report:*

---

*Signature* ..... *Date* .....

*Applications close 5<sup>th</sup> March, 1999.*

*Send thesis/report and completed entry form to:*

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



### **Guidelines for the Student Award**

- ◆ Held annually.
- ◆ Prize of \$250.00.
- ◆ Open to Honours, Diploma and 4<sup>th</sup> Year Degree students at any Queensland Tertiary Institution.
- ◆ Project or report on an entomologically-related topic.
- ◆ Project/report must have been submitted to institution during the two years preceding the year of the Award.
- ◆ An unsuccessful candidate may re-enter the following year by invitation by the Council.
- ◆ Council will consider bringing a country winner of the award to Brisbane for the presentation on a year-by-year basis.
- ◆ A panel of 3 judges to be selected by the President.
- ◆ 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

- |                   |                      |                       |
|-------------------|----------------------|-----------------------|
| <b>AUSTRALIA:</b> | Individuals A\$16 pa | Institutions A\$20 pa |
| <b>ELSEWHERE:</b> | Individuals A\$20 pa | Institutions A\$22 pa |

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

## SUSTAINING ASSOCIATES

Arrest-A-Pest  
CRC for Tropical Pest Management  
Rhône-Poulenc Rural Australia Pty Ltd



## OFFICE BEARERS 1998/99

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## NOTICE OF NEXT MEETING

The next meeting of the Society will be the **Annual General Meeting** with the election of office bearers at 6.30 pm on **Monday 8th March** in Room **448**, Hartley Teakle Building, UQ. The Guest Speaker will be **Tonya Watson (QIMR)**. Refreshments will be served before the meeting at 6.00 pm. .

**VISITORS ARE WELCOME**