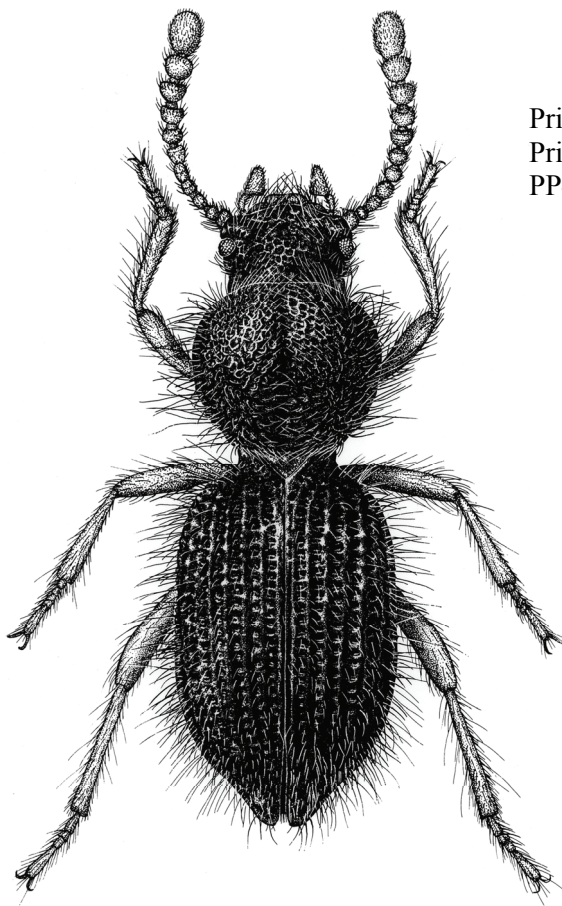


ENTOMOLOGICAL SOCIETY OF QUEENSLAND INC

NEWS BULLETIN



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Volume 40, Issue 10, January/February 2013

THE ENTOMOLOGICAL SOCIETY OF QUEENSLAND

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D.L. Hancock
M.J. Harslett
R.P. Kleinschmidt
G. B. Monteith
D.P.A. Sands

Sustaining Associate of News Bulletin

Tropical Fruit Fly Research Group,
Griffith University

THE AUSTRALIAN ENTOMOLOGIST

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Front Cover Illustration: *Apocryphodes thompsoni* Matthews, 1998 (Tenebrionidae; Adeliini). This specimen is a paratype illustrated by Geoff Thompson for the original description; collected from leaf litter in 1984 on one of Geoff Monteith's North Queensland field trips by Val Davies, Geoff Thompson and Julie Gallon, at Gayundah Creek on Hinchinbrook Island.

ISSN 1037-2989

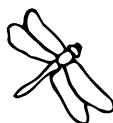


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The **ENTOMOLOGICAL SOCIETY OF QUEENSLAND INC.**, since its inception in 1923, has striven to promote the development of pure and applied entomological research in Australia, particularly in Queensland. The Society promotes liaison among entomologists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

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 (Coleoptera). Its magnificent purple and green colouration makes it one of the most attractive beetle species in Australia. It is restricted to the rainforests of northern Queensland.

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.

ANNUAL REPORTS FOR THE YEAR 2012

Presidential Report for 2012

The society has continued to attract good attendances to its meetings at the Boggo Road Ecosciences Precinct. The series of interesting talks we have enjoyed has a lot to do with this but it is obvious that the lunch timeslot and ease of access for many members is a big factor. Our move to Tuesday meetings to avoid a clash with Queensland Herbarium seminars seems to have gone smoothly too.

I must thank the many presenters who served up a smorgasbord of entomological treats throughout the year; from Stephen Cameron's overview of the complexities of "Insect Evolutionary Genomics" to international artist, Maria Fernanda Cardoso talking about her work with insects from early pieces through to her most recent project, the "Museum of Copulatory Organs".

Three speakers gave fascinating overview talks of how their particular discipline, or ongoing major project, was travelling at the time. All these talks were interesting and informative. Sadly significant cuts to the state public service have since had major impact on many members and projects. Indeed one of our speakers has himself been made redundant and many good colleagues suffered the same fate.

Owen Seeman deserves special thanks because he filled in at fairly short notice due to unexpected changes. His talk, delivered with his characteristically humorous slant, was both informative and extremely entertaining.

Notes and exhibits meetings also provided a wide range of interesting topics and exhibits. I thank the many speakers who came forward, sometimes at the last minute, with something of interest. I particularly thank Bradley Brown and Matt Purcell who, once

again, organised a delicious barbeque after the traditional evening December notes and exhibits meeting.

My gratitude also goes to Chris Lambkin and Kathy Ebert who organised Bug Catch in October for students and others interested in learning the tricks of the trade in insect collecting. Kathy stepped into the large shoes of Geoff Monteith who has been a stalwart of organising Bug Catch for many years and deserves a huge thankyou from us all.

Our publications, "The Australian Entomologist" and "News Bulletin", have maintained high standards and careful management has kept costs under control. I thank Justin Bartlett, retiring as editor of the News Bulletin after years of dedicated work and Chris Burwell who has also retired as assistant editor of the journal after many years of service. Special thanks go to Geoff Monteith who has taken on an Assistant Editor role in addition to his existing role of Business Manager.

Thanks too to Chris Moeseneder who has put in a lot of time and talent designing a new look for publications and the society website. We hope to phase in some of these new designs this year.

Chris Lambkin continued her sterling work as our permits officer, a task that deserves all our thanks.

In addition to those already mentioned I thank all the other members of council, especially our hard-working, retiring secretary Judy King and our treasurer Brenton Peters. I thank all those members of council who are stepping down or taking on a lesser role this year.

It has been an honour and a pleasure to serve as your president. Earlier this year we looked up and added to the list of Presidents and I find it hard to believe I am amongst such illustrious company. 2013 is our 90th

year. May we continue to flourish in this very different modern world.

I wish the new president and council a very good year.

Geoff Thompson
President

PRESIDENTS OF ESQ 1923-2012

1923	E.J. Goddard
1924	E.J. Goddard
1925	E.J. Goddard
1926	E.J. Goddard
1927	E.J. Goddard
1928	E.J. Goddard
1929	E.J. Goddard
1930	A.J. Turner
1931	A.J. Turner
1932	R. Veitch
1933	R. Hamlyn-Harris
1934	H. Hacker
1935	F.H.S. Roberts
1936	F.A. Perkins
1937	J. Weddell
1938	A.P. Dodd
1939	J.H. Smith
1940	J.S. Mann
1941	A.R. Brimblecombe
1942	L.F. Hitchcock
1943	H. Jarvis
1944	J.A. Weddell
1945	A.P. Dodd
1946	F.H.S. Roberts
1947	W.J.S. Sloan
1948	I.M. Mackerras
1949	I.M. Mackerras
1950	D.O. Atherton
1951	W.E.H. Caldwell
1952	W.A. McDougall
1953	R.W. Mungomery
1954	E.N. Marks
1955	T.E. Woodward
1956	W.A. Stephenson
1957	W.A. Smith
1958	P.J. O'Sullivan
1959	W.B. Mather
1960	A.W.S. May
1961	B.R. Champ

1962	E.J. Reye
1963	R.P. Kleinschmidt
1964	W.R. Haseler
1965	H.A. Standfast
1966	R.H. Wharton
1967	G.H.S. Hooper
1968	E.M. Exley
1969	G.W. Saunders
1970	K.L.S. Harley
1971	M. Bengston
1972	D.S. Kettle
1973	B.F. Stone
1974	G.B. Monteith
1975	T. Passlow
1976	R.A. Yule
1977	B.H. Kay
1978	I.D. Galloway
1979	F.R. Wylie
1980	P.J. McFadyen
1981	E.C. Dahms
1982	D.P.A. Sands
1983	R.W. Sutherst
1984	M.A. Schneider
1985	B.K. Cantrell
1986	M. Elson-Harris (now M. Churches)
1987	R.E. McFadyen
1988	H.E.H. Patterson
1989	N. Gough
1990	I.W. Forno
1991	R.J. Raven
1992	G.G. White
1993	R.A.I. Drew
1994	L. Barton-Browne
1995	E.J. Brough
1996	J. King
1997	D.K. Yeates
1998	G. Gordh
1999	C.J. Burwell
2000	D.J. Merritt
2001	H.C. Proctor
2002	T.A. Heard
2003	B.W. Cribb
2004	D.P.A. Sands
2005	P. Mackey
2006	P.G. Allsopp
2007	S. Asgari
2008	M.J. Furlong
2009	C.J. Lambkin
2010	M.F. Purcell
2011	L.G. Cook
2012	G.I. Thompson

Honorary Secretary's Annual Report for 2012

Attendance at Council meetings.

Ten Council meetings were held during 2012 at the Ecosciences precinct, Dutton Park. Council members are listed below, with the number of meetings attended:

President:	
Geoff Thompson	10
Senior Vice President:	
Dr Simon Lawson	9
Junior Vice President:	
Dr Lyn Cook	8
Secretary:	
Dr Judy King	8
Treasurer:	
Dr Brenton Peters	8
News Bulletin Editor:	
Justin Bartlett	8
Australian Entomologist	
Business Manager:	
Dr Geoff Monteith	8
Councillors:	
Dr Federica Turco	7
Bradley Brown	6
Penny Mills	7
Retiring Treasurer:	
Desley Tree	1
Retiring Councillors:	
Chris Moeseneder	1
Dr Matt Purcell	2

Membership

Eighteen full members, 1 student member and 2 joint members were elected to the Society, 7 members resigned and 3 members died.

Student Award.

There were two entries for the Student Award. The judges considered both to be of a high standard. Nicholas Appleton from the University of Queensland was the winner for his thesis 'The Genomic Response to Natural and Sexual Selection During Adaptation to a Novel Environment'.

General meetings

General meetings were held at the Ecosciences precinct, Dutton Park. In August

the meeting day was permanently changed from the second Monday of the month to the second Tuesday because of clashes with the Queensland Herbarium Seminar series and the two public holidays in the first half of the year.

Guest speakers and the Notes and Exhibits meetings provided a varied and interesting programme during the year, with both Science and Art represented. Speakers and titles are listed below:

March: the Presidential Address: Dr Lyn Cook: "What is the future for Insect Taxonomy? Some realities and some predictions".

April: Dr Stephen L. Cameron: "Insect Evolutionary Genomics".

May: Dr Bill Palmer: "Weed biocontrol — where to now?"

June:

The Student Award: The winner of the 2012 Student Award, Nicholas Appleton from the University of Queensland gave a presentation on his winning thesis: "The Genomic Response to Natural and Sexual Selection During Adaptation to a Novel Environment".

Notes and exhibits:

1. Ian Ferrier and John Moss: "Ghost Moth story".

2. Dr Christine Lambkin, Dr Ted Edwards and Christopher Buckingham: "Another *Enispa* for Brisbane?"

3. Geoff Thompson: "Hasselblad Drawer Photographs".

"Maria Fernanda Cardoso, *Museum of Copulatory Organs*".

4. Dr Geoff Monteith: "A new Cooloola Monster from Carnarvon Gorge".

August: Dr Ross Wylie: "Queensland's Fire Ant War: Upping the Ante".

September: Dr Owen Seeman: "Australian Plant-feeding Mites or When a Duck is Definitely Not a Duck."

October: Dr Jonathan Darbro: "Biological Control of the Primary Dengue Vector *Aedes aegypti*: Three Tales".

November: Maria Fernanda Cardoso - " A Marriage of Science & Art: The Museum of Copulatory Organs".

December: Notes & Exhibits:

1. Geoff Thompson: "Insect book plate etchings".

2. Julianne Farrell: "From death to dust - using insects to estimate post mortem intervals in Queensland".

3. Dr Tim Heard: "Domesticating *Austroplebeia essingtoni*, a stingless bee of the Kimberley".

4. Dr Christine Lambkin: "Australian Entomological Society Constitutional Changes and Implications for the Entomological Society of Queensland".

"Strongylophthalmyidae (Diptera) in Australia".

"A rare female *Phyllium* (*Phyllium*) *monteithi* (Phasmida: Phylliidae: Phylliinae) for the Queensland Museum".

General Meeting Attendances.

Attendance of members and guests at General Meetings was increased compared to 2011, with 20 members or more at meetings. This is very encouraging for the future of the Society, as several 'visitors' have subsequently joined the Society. In 2013 meetings will continue to be held at the Ecosciences Precinct, Boggo Rd.

Attendance details are as follows:

	Members	Visitors
AGM March	20	7
April	23	5
May	27	6
June	22	5
August	30	10
September	30	3
October	26	8
November	24	13
December	28	1

Acknowledgements: This is my last Annual Report, as I will be resigning as Honorary Secretary. I would like to thank all the members of Council during the last 3 years for making our meetings pleasant, cooperative and productive, and my job very enjoyable.

Thank you to Dr Federica Turco for taking over the Secretary's duties while I was away in March and June this year.

Dr Judy King
Honorary Secretary
7 January, 2012

Treasurer's Annual Report for 2012

During 2012 the society saw a small membership net increase of approximately 1.5% to 286 paying members. The cost of sales was slightly lower in 2012 than the previous year of 2011 but the trading profit of \$3,943.65 was down marginally from last year (\$4,378.37). In August a term deposit matured and \$10,551.51 was reinvested to help generate a higher interest rate for the society's funds. Subscription renewals for 2013 were recently sent out in January by email or the postal service. A small number of members are still yet to pay their 2012 subscriptions. I thank members who promptly pay their subscriptions at the beginning of the year. If any members would like to receive their Bulletin by email rather than the postal service please contact me to arrange this; thereby reducing our costs quite substantially. Please notify me of change of email address.

Brenton Peters
Treasurer

Entomological Society of Queensland Inc.

Trading Account & Income and Expendure Statement for the year ended 31 December, 2012

Trading Income

Subscriptions 2012	7,641.00
Subscriptions in Arrears 2011	354.00
Total Trading Income	7,995.00

Cost of Sales

Add:	
Bulletin Printing 2012	2,272.60
Bulletin Postage 2012	1,112.10
Cost of Sales	3,384.70

Gross Trading Profit	4,610.30
-----------------------------	-----------------

Income

Trading Profit	4,610.30
Interest Received	0.59
Payment from AES - auditor expense	100.00
Total Income	4,710.89

Expenses

Merchant Fees	284.28
Audit	200.00
Student prize	500.00
Stationary	64.32
Web Page Registration and Hosting	139.40
Sub mispayments	0.00
PO Box rental	93.00
	1,281.00
Profit/(Loss) from Ordinary Activities before income tax	3,429.89

Entomological Society of Queensland Inc.

Statement of Financial Position as at 31 December, 2012

Current Assets

Cash Assets

Cash at Bank - Cheque Account	6089.47
Cash at Bank - Term deposit	10551.51
Cash on Hand	0.00
Total	<u>16640.98</u>

Receivables

Total Assets	<u>16640.98</u>
--------------	-----------------

Current Liabilities

Payables

Subscriptions Paid in Advance	551.00
-------------------------------	--------

Total Liabilities	551.00
-------------------	--------

Net Assets	<u>16089.98</u>
------------	-----------------

Equity

Retained profits/(accumulated losses)	<u>16089.98</u>
---------------------------------------	-----------------

Total Equity	<u>16089.98</u>
--------------	-----------------

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 2012. 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 an 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 2012.

Rebecca Keys
Independent and Honorary Accountant
14th January 2013

News Bulletin Editors Report for 2012

Issues 1-9 of Volume 40 of the News Bulletin of the Entomological Society of Queensland consist of 152 pages of content. Pagination of each issue is shown in the following table.

issue	pagination	no. of printed pages
40(1)	1-12	12
40(2)	13-24	12
40(3)	25-32	8
40(4)	33-56	24
40(5)	57-72	16
40(6)	73-92	20
40(7)	93-116	24
40(8)	117-140	24
40(9)	141-152	12

The breakdown of 2012 Bulletin content into categories (tabled below) showed a trend similar to the 2011 volume (see volume 39, issue 10, page 141). **Main Business** includes Main Business articles, Notes & Exhibits articles and Student Award Presentation. **Notices** includes notices of Next Meeting and all content under heading 'Notices'. **Miscellaneous** includes the Content page and all Nomination forms (Membership, Office Bearers, Student Award).

category	pages	%
Minutes	6.35	4.2
Main Business	64.65	42.5
People & Projects	21.6	14.2
Obituaries	10.2	6.7
Notices	17.15	11.3
Cartoon	1.05	0.7
Miscellaneous	31	20.4
	152	100

The Bulletin is a team effort. I wish to give thanks to my co-editors Penelope Mills and Chris Moeseneder and to all invited speakers and contributors listed below.

Meeting Minutes - Judy King & Federica Turco.

Main Business - Nick Appleton, Chris Buckingham, Stephen L. Cameron, Maria Fernanda Cardoso, Lyn Cook, Jonathan Darbro, Ted Edwards, Julianne Farrell, Ian Ferrier, Chris Lambkin, Geoff Monteith, John Moss, Bill Palmer, Owen Seeman, Geoff Thompson & Ross Wylie.

People & Projects - Bradley Brown, Kathy Ebert, Chris Lambkin, Penelope Mills, Geoff Monteith, Bill Palmer, Brenton Peters, Matt Purcell, Mark Schutze, Geoff Thompson & Susan Wright.

Collembola Comic Strip - Michelle Baker.

Miscellaneous contributions - Tony Ewart, Alexander Glauerdt, Peter Hendry, David Marshall & Penelope Mills.

As I hang up my Editor's cap (for real this time) I thank all those who have supported me in the role over the last four years and wish the incoming Bulletin editor all the best.

Justin Bartlett
News Bulletin Editor
22 January 2013

The Entomological Society of Queensland Collecting Permit Annual Report 2012

As of mid January 2013 when our Queensland Parks and Wildlife Service (QPWS), Department of Resource Management (DERM) Scientific Purpose Permit report was due, 83 members were endorsed on the

ESQ collecting permits, WITK10612112 and TWB/03/2012, that allowed collection of invertebrates on 138 reserves, including National Parks, State Forests, and Forest Reserves. Those members had been requested to submit their annual reports outlining locality information for specimens collected and identified by mid December. Most members submitted null returns. 28 members reported on specimens collected. The 2012 amalgamated annual Wildlife Data Return and Report to QPWS covers over 2000 invertebrate specimens including Spiders; Beetles; Flies; Bugs; Thrips; Lepidoptera: - Hesperiiidae, Lycaenidae, Nymphalidae, Papilionidae, Pieridae, Sphingidae, Saturniidae.



Christine Lambkin
ESQ Permit Officer

Nomination for 2013 Office Bearers

The following nominations were received by the Honorary Secretary before closing date of January 29:

Senior Vice President: *Dr Bill Palmer.*
Nominated by: Judy King.
Seconded by: Simon Lawson.

Honorary Secretary: *Kathy Ebert.*
Nominated by: Geoff Thompson.
Seconded by: Federica Turco.

Honorary Treasurer *Dr Brenton Peters.*
Nominated by: Geoff Thompson.
Seconded by: Judy King.

News Bulletin Editor: *Chris Moeseneder.*
Nominated by: Federica Turco.
Seconded by: Geoff Thompson.

Councillor: *Dr Federica Turco.*
Nominated by: Geoff Monteith.
Seconded by: Bradley Brown.

Councillor: *Bradley Brown.*
Nominated by: Geoff Monteith.
Seconded by: Simon Lawson.

Councillor: *Penny Mills.*
Nominated by: Federica Turco.
Seconded by: Bradley Brown.

Business Manager, Australian Entomologist: *Dr Geoff Monteith.*
Nominated by: Federica Turco.
Seconded by: Bradley Brown.

As only one nomination has been received for each position, a ballot will not be required at the AGM.

The positions of President and Junior Vice President are automatically filled by the previous years' Senior Vice President (Dr Simon Lawson) and President (Geoff Thompson) respectively.

Australian Entomologist Journal Report for 2012

Four parts of Volume 40 of *Australian Entomologist* were prepared during the year, totalling a record 336 text pages with 81 pages in colour. These included 37 original papers, three pages of new literature listings for Australian insects and lists of Smithers patronyms and publications. Thirty-seven new manuscripts were received during the year and there are currently 9 manuscripts in hand to be carried forward for 2013 issues of the journal.

During the year Dr Chris Burwell of the Queensland Museum relinquished his Assistant Editorship after 16 years and we record our thanks for his long service. David Hancock continues as Editor and does the electronic layout of all papers. Federica Turco continues as Assistant Editor and Manuscript Coordinator, while Geoff Monteith has added Assistant Editorship to his ongoing Business Manager duties. Federica now does the final insertion of high resolution images into the master file prior to printing.

ANNUAL REPORT 2012
FINANCIAL STATEMENT FOR THE AUSTRALIAN ENTOMOLOGIST
JANUARY 1 TO DECEMBER 31, 2012

ASSETS	\$	LIABILITIES	\$
CBA chq A/c 00908915			
Closing balance	9178.07	Subs in advance (2013-15)	3965.49
Bank MECU term accts			
Closing balance: 307023174	5736.47		
307023175	7225.52		
138340573	6000.00		
Subscriptions owing 2012	378.00		
Stationery (printed envelopes)	200.00		
Unsold past issues Aust.			
2268 @ \$0.75 ea *	1701.00		
TOTAL	30419.06	TOTAL	3,965.49

EXCESS ASSETS OVER LIABILITIES: **\$26,453.57**

INCOME	\$	EXPENDITURE	\$
Subscriptions	9637.96	Printing costs, Vol 39(1-4)	9326.9
Page charges	3241.00	Postage	2043.79
Interest (CBA 00908915)	0.86	Stationery	255.4
Interest (MECU 307023174)	337.44	Monthly merchant card fee	299.24
Interest (MECU 307023175)	950.51	Sub transfer to ESQ	30
Back issue sales	458.00	Auditor's honorarium	100
Postage recouped	153.60	Graphic layout costs	500
Donations	2331.00		
Subscription to ESQ	30.00		
	17140.37	TOTAL	12,555.33

NET TRADING **PROFIT**/LOSS: \$4,585.04

2012 SUBSCRIPTIONS at Dec 31:

AUSTRALIAN SUBSCRIPTIONS	217 (32 institutional, 3 complimentary)
OVERSEAS SUBSCRIPTIONS	48 (34 institutional, 4 complimentary)
TOTAL SUBSCRIBERS	265

I certify this is a true and accurate financial statement of the Australian Entomologist for the period 1 January 2012 to 31 December 2012.

Rebecca Keys

Independent and Honorary Accountant

The subscriber base continues to decline slightly in line with world patterns for hard-copy publication. It fell from 281 subscriptions at the start of 2012 to 265 at the end of December.

With the sudden demise of our previous printer we changed to Bayfield Printing at Brendale at the start of the year and have received good quality printing at much lower rates and turnover time than previously. This has partly contributed to our making a significant profit of around \$4500 for the year (see Financial Statement) and has allowed us to further reduce page charges for authors from \$15 to \$10 per page from the start of 2013. These rates include unlimited use of colour.

The third issue of the year was a large issue of 112 pages with 12 papers and 40 pages of colour. It was the second perfect bound

issue produced. But the highlight of the year was the production of the 128-page, perfect bound Courtenay Smithers Memorial Issue as the last issue of the year (Vol 40, Part 4). This included 4 invited papers dealing with aspects of Courtenay's life and 9 other papers dedicated to his memory. It attracted substantial financial support from the Australian Museum and from donations from subscribers.

The Publication Committee would like to thank the many people (subscribers, authors and referees) who contribute to the *Australian Entomologist* and help to keep it as a vital part of the Australian entomological scene.

G.B. Monteith
Business Manager
Australian Entomologist

NOTICE OF NEXT MEETING

Tuesday 12th March 2013, 1pm

~

ANNUAL GENERAL MEETING and PRESIDENTIAL ADDRESS

*“From Woodcuts to Cutting Edge:
Looking back & looking forward at insect imaging”*
by Geoff Thompson

~

Seminar Room 1
Ground Floor, Ecosciences Precinct
Boggo Road, DUTTON PARK

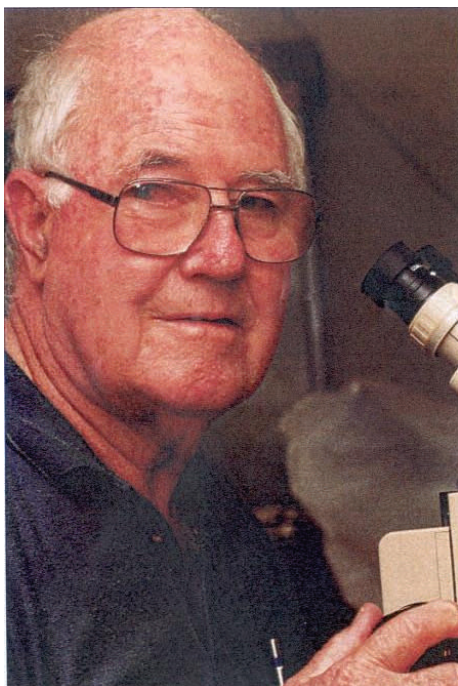
More venue details available at
<http://www.esq.org.au/meetings.html>

ALL WELCOME

OBITUARY

Harry Standfast AM

(6 June 1930 – 2 November 2012)



The world of mosquitoes and arboviruses in Australia and internationally has lost a man of great stature and wisdom with the sudden passing of Harry Standfast.

Harry was born in Ipswich on 6 June 1930. He attended Ipswich Grammar School and went on to complete a Science degree at the University of Queensland with a major in Microbiology. In 1949, he commenced his first full-time job as a cadet in Dr John Tonge's State Health laboratory in William Street, Brisbane. Harry's interest in insect borne diseases led to Dr Tonge introducing him to Dr Ian Mackerras, then the Director of the Queensland Institute of Medical Research (QIMR). In 1955, at the urging of Dr Mackerras, Harry successfully applied for a position as a Malaria Control Officer in New Guinea, which he held from 1956 to 1962.

Harry described this experience as being "like something out of a Boys' Own Annual, dealing with locals armed with bows and arrows, spears and axes often wearing nothing or almost nothing". During his time in New Guinea, in 1957 Harry had a WHO Fellowship to study malaria control programs in the Philippines, Borneo, Taiwan and Malaya. He spent four years in the Sepik District setting up and running a large experiment to assess the effectiveness of DDT as a malaria control agent. He also organised control programs in New Ireland, New Britain, Bougainville and the northern islands of the British Solomons. I recall his stories about how the introduction of DDT for residual surface mosquito control reduced malaria infant mortality rates in the villages from over 50% to less than 10%.

In 1962, Harry and his family returned to Brisbane where he was appointed as a Research Entomologist at QIMR. He was part of the arbovirus research team under the leadership of Dr Ralph Doherty. The team, among other things, carried out pioneering field work at Mitchell River Mission, now Kowanyama, on Cape York. This site would go on to produce 20 new Australian arboviruses by 1976. A key achievement of the group was the first isolation of Ross River virus from *Aedes vigilax* saltmarsh mosquitoes collected on the banks of the Ross River at Townsville in 1959. While at QIMR, Harry was an observer and commentator on the early trials of aerial mosquito control conducted at the Gold Coast.

In 1967, Bovine Ephemeral Fever (BEF), an insect-borne disease of cattle, swept from the Kimberley to Victoria in just a few months. Investigations of this outbreak brought together scientists from QIMR, CSIRO and Primary Industry Departments. It saw the beginning of a great field team when Harry met and worked with Alan Dyce, a biting midge specialist with CSIRO Division of Animal Health from the McMaster Laboratory in Sydney. They developed new techniques for collecting and processing mosquitoes and biting midges to isolate viruses from them. In

1970, Harry was “poached” by CSIRO to Long Pocket Laboratories in Brisbane to join the team working on insect-borne viruses in livestock and native animals.

In 1972 I commenced work with CSIRO at McMaster Laboratory in Sydney with Alan Dyce and under his guidance worked on *Culicoides* biting midges. The McMaster Lab shared joint field programs on livestock arboviruses and potential vectors with Long Pocket Labs in Brisbane, and within two months I had met Harry on a field trip in Cunnamulla. These field programs reached a high point with a continuous 18-month collection program at the Coastal Plains Research Station (CPRS) around 60 km southeast of Darwin, from October 1974 to May 1976. The site was chosen as a likely location for BEF activity, based on data that had accumulated from sentinel herd monitoring. It was understood that this work was also preparation for the possible introduction to Australia of the exotic disease Bluetongue, which is transmitted by *Culicoides* biting midges, and which it was thought could devastate the Australian sheep industry.

The program at CPRS collected tens of thousands of biting midges and mosquitoes and produced 94 virus isolations, some of which were new to Australia and could not be immediately identified. The planning and operation of this program was overseen by Harry and Alan. At the time, Harry was a Lieutenant Colonel in the Army Reserve and the CO of the Queensland University Regiment. His military experience was obvious in the management of the logistics of this long distance operation from the Labs in Brisbane and Sydney as staff rotated through the northern field station and collections were catalogued and dispatched south for processing. Harry also had an interest in electronics which came to the fore in the use of light sensitive switches and other gadgets incorporated into various insect trapping and manipulation devices.

In early 1977 I transferred from McMaster Lab to Long Pocket Labs in Brisbane where

Harry became my boss. My task was to develop techniques for manipulation of biting insects and viruses for vector competence studies with sheep and cattle in the newly commissioned Large Animal Insect Proof Laboratory at Long Pocket. This became very timely when in August 1977 one of the unknown viruses from CPRS, isolated from *Culicoides* collected in March 1975, was finally identified at the world reference laboratory at Yale as a bluetongue virus.

That set the course of our work for around the next 10 years. Veterinary Virologist Toby St George at Long Pocket had overall lead of the bluetongue response team, while Harry contributed firm and calm leadership of the entomology group. There were further excursions to the Darwin area over the next three years, once again involving Alan Dyce and a staff roster, and substantial logistical difficulties to overcome.

Although bluetongue was a primary focus at this time, other arboviruses were also studied, including BEF and a number of its close relatives found in cattle, and also the teratogenic viruses in the Simbu group such as Akabane and Aino. The CSIRO group was recognised internationally as a leading edge operation for veterinary arboviruses and vectors.

However, times changed and Harry found he was spending much of his time writing grant applications to keep the work going. In his own words, he “opted for a quiet retirement” in 1990. However, he was very soon in high demand as a consultant for local government mosquito management programs in Southeast Queensland. He was also engaged for surveys in the South Pacific for both potential livestock vectors and dengue vector studies. He also carried out mosquito surveys for development companies in Southeast Queensland.

In recognition of his contribution to the field of mosquito and arbovirus research, he was made a Fellow of the Queensland Institute of Medical Research in 1982 and a

member of the Order of Australia in 1998. There are also five species of biting fly bearing the species name *standfasti*.

While he ceased his field work some years ago, apart from operating a regular mosquito and midge light trap in his Chapel Hill back yard, he continued to attend the regular meetings of the local government mosquito management groups such as NEMMO (North East Moreton Mosquito Management Organisation) and CLAG (Contiguous Local Authorities Group), and he was an Honorary Member of the Mosquito and Arbovirus Research Committee Inc, based

in Southeast Queensland. He was a much respected mentor and sounding board for everyone from Councillors to managers to PhD students to field technicians.

My abiding memory of Harry is that he always knew the right questions to ask. He had one other saying which I think I have adopted, that “Unless I am over-committed, I am not working to full capacity”.

Farewell, Harry. We will miss you.

Mike Muller
Medical Entomologist
Brisbane City Council

Entomological Society of Queensland 2013

\$500 Student Award

This is an award by the Society to encourage entomological research. Entries are judged by a panel of three entomologists appointed by the President of the Society. The winner will be announced at the May 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 who received their qualification from any Queensland tertiary education institution in 2012 or 2013 may submit their entomology-based thesis or report for consideration.

Entrants need not be Society members.

These reports can be directed to the Society's Senior Vice President at the address listed on the entry form. However, please note that a hard copy of your thesis/report does not need to be submitted, and the submission of a PDF version is encouraged.

This should be emailed together with a signed copy of the completed entry form to Simon Lawson
at simon.lawson@daff.qld.gov.au

Closing date for submissions is Friday 12th April 2013

Entomological Society of Queensland
2013 Student Award Entry Form

Name

Title of thesis or report

Degree

Supervisor

Date of Examiners report or grading

Return address for thesis/report (if applicable)

Signature _____ Date _____

Send a copy of your thesis/report with a signed and completed entry form to:
Senior Vice President of the Entomological Society of Queensland

by email : simon.lawson@daff.qld.gov.au

or by mail: Simon Lawson

DAFF — Forestry

Level 3A West

Ecosciences Precinct

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www.esq.org.au



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Name _____ Date _____

Amount paid \$ _____ for year/s _____

DIARY DATES 2013

Nine general meetings held per year on the 2nd Tuesday of the respective month

MAR—Tuesday 12th	Geoff Thompson	AGM and President's Address
APR—Tuesday 9th	Dr Donald Nichols	Bell Minor associated dieback of eucalypt forests
MAY—Tuesday 14th	Dr Mike Furlong	Plant responses to herbivory: complex interactions between parasitoids, predators and prey
JUN—Tuesday 11th	Notes & Exhibits / Student Award Presentation	
AUG—Tuesday 13th	Michael Ramsden	Sirex wood wasp in Queensland
SEP—Tuesday 10th		
OCT—Tuesday 8th		
NOV—Tuesday 12th		
DEC—Tuesday 10th	Notes & Exhibits and Xmas BBQ	

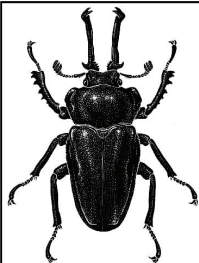
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STUDENT:	Students and others at the discretion of the Society Council	\$18pa
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THE ENTOMOLOGICAL SOCIETY OF QUEENSLAND



NOTICE OF NEXT MEETING

Tuesday 12th March 2013, 1pm

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ANNUAL GENERAL MEETING

and

PRESIDENTIAL ADDRESS

*“From Woodcuts to Cutting Edge:
Looking back & looking forward at insect imaging”*
by Geoff Thompson

~

Seminar Room 1
Ground Floor, Ecosciences Precinct
Boggo Road, DUTTON PARK

More venue details available at
<http://www.esq.org.au/meetings.html>

ALL WELCOME

NEXT NEWS BULLETIN

Volume 41, Issue 1 (March 2013)
due out early April

CONTRIBUTIONS WELCOME

DEADLINE - 4pm Thursday 21st March, 2013

Send your news/stories/notices to the editor
(chris.moeseneder@csiro.au)