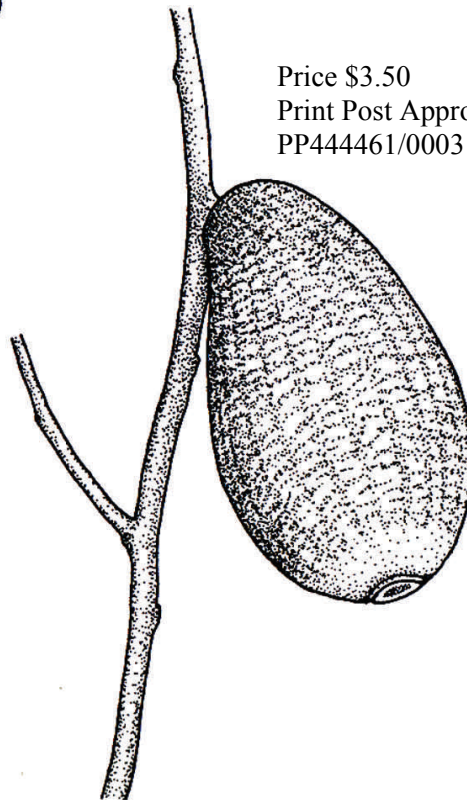
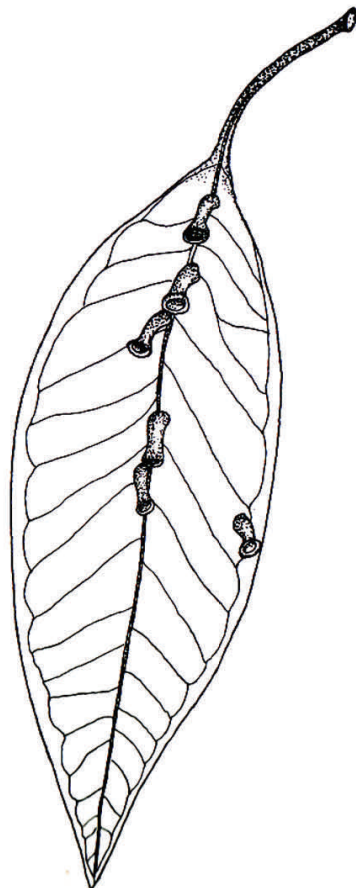


ENTOMOLOGICAL SOCIETY OF QUEENSLAND INC NEWS BULLETIN



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Volume 39, Issue 2, April 2011

THE ENTOMOLOGICAL SOCIETY OF QUEENSLAND

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THE AUSTRALIAN ENTOMOLOGIST

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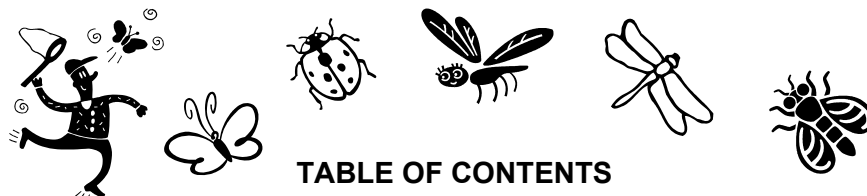
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Front cover illustration: Galls induced by the scale insect *Apiomorpha conica* (Eriococcidae) on *Eucalyptus obliqua*. Top: tubular galls on leaves induced by males. Bottom: gall induced by female on stem. Original drawing by Penny Gullan.

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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.

Minutes of General Meeting

Held in the 3rd Floor Conference Room, Ecosciences Precinct, Boggo Rd, Dutton Park, on April 11th 2011.

Chair: Lyn Cook

Attendance: Justin Bartlett, Bradley Brown, Lyn Cook, Greg Daglish, Tim Heard, David Holdom, Judy King, Simon Lawson, Diana Leemon, Gunter Maywald, Lacey Mack, Penny Mills, Chris Moeseneder, Geoff Monteith, Don Sands, Mark Schutze, Geoff Thompson, Desley Tree, Federica Turco.

Visitors: Hayley Mitchell, H. Oberauer.

Apologies: Chris Burwell, Ross Kendall, Chris Lambkin, Morris McKee, Kelli O'Neill, Robert Raven.

Minutes: : The minutes of the last General Meeting were circulated in News Bulletin Vol. 39, Issue 2, March 2011.

Moved the minutes be accepted as a true record: Penny Mills

Seconded: Simon Lawson

Business arising

None.

Nominations for Society Membership:

The following nomination for general membership was received and approved by Council, and was put forward for election:

Dr Diana Leemon

Elected unanimously.

Honorary Membership for Geoff Monteith

The President: The Society would like to recognize Geoff Monteith's outstanding contribution to The Entomological Society of Queensland, and entomology in general, over many years by making him an Honorary Member.

The President invited Geoff Thompson to talk about Geoff Monteith's achievements and contribution (see page 20).

Geoff Thompson nominated Geoff Monteith for Honorary Membership of the Entomological Society of Queensland.

The nomination was seconded by Federica Turco, and carried unanimously.

The President congratulated Geoff on being elected an Honorary Member.

Geoff thanked the Society and said he was 'very chuffed' to have this honour from this Society, which had survived over so many years. He observed that as he had been a member for 50 years he had paid about \$1,500.00 in subscriptions. Geoff said The Society is changing with the times and the move to Boggo Rd will help it to go forward. He hopes the Society will continue for the next 50 years.

General Business: Members were reminded that contributions for the June Notes and Exhibits meeting are welcome, and contributors should contact Matt Purcell.

Main Business

The Main Business was a presentation by Dr Diana Leemon (Senior Research Scientist, Agri-Science Qld, DEEDI) entitled "*Aethena tumida*, the small hive beetle – a recently established scourge of apiaries".

Editor: A written version of Dr Leemon's presentation was not available for inclusion in the current News Bulletin. I hope to include this in the May Bulletin (Volume 39, Issue 3).

Vote of Thanks: Federica Turco

The president congratulated Geoff again, and reminded members that the next general meeting will be on Monday, May 9th in the ground floor conference room. The speaker will be Dr Tim Heard.

The meeting closed at 2.05pm



Notice of Next Meeting

Monday 9th May 2011, 1pm

~

Dr Tim Heard
CSIRO Ecosystem Sciences

*Australian native stingless bees —
recent research on a species with a variety of
potential commercial applications*

Several species of stingless bees belonging to the genera *Austroplebeia* and *Tetragonula* are native to the northern parts of Australia. These bees are fascinating and ecologically important species and also have a potential role in human economy. First they could be managed for commercial pollination of tropical crops. Second, they are producers of honey with gourmet and medicinal properties. Third, they are gaining popularity as “pets” thereby providing contact with nature for increasingly urbanized populations.

~

**Seminar Room 1
Ground Floor
Ecosciences Precinct
Boggo Road, Dutton Park**

**Maps and further venue information available at
<http://www.esq.org.au/meetings.html>**

ALL WELCOME



People and Projects

Honorary Membership for Geoff Monteith

As reported in the Minutes of the last General Meeting, Dr Geoff Monteith was elected to Honorary Membership of the Entomological Society of Queensland.

Geoff Thompson gave the following talk about Geoff's contributions to the Society and to Entomology.

This is a special honour conferred by the society under the constitution on "any person who has rendered distinguished service to Entomology." Although Geoff is extremely distinguished company, I can't think of anyone who deserves this honour more.

Geoff has dedicated his life to Entomology in all its forms. His love of the science, of insects (especially collecting them) and his high standards have kept him working long hours in his professional and society roles.

In his vote of thanks for the first Perkins Memorial Lecture, given by Edgar Reik in 1977, Geoff recounted how FA Perkins guided him into studying biology as a 17-year-old high-school graduate and hooked him on insects in 2nd year with his lectures and a Binna Burra field trip. Geoff started out his collecting career in earnest as a field assistant at Bishop Museum's Wau Ecology Institute in 1961-62. He started work at the Entomology Department from that year, graduated in 67 and was awarded his PhD on Australian Mezirinae: Aradidae in 1979. He served as curator of the UQ insect collection from 1966-1978, when he became senior curator at Qld Museum, till his



retirement in 2006. Geoff boosted both collections enormously both in specimen numbers and localities investigated.

Geoff has a special interest in rainforest insects and has collected in this habitat all over Australia, in New Caledonia, Fiji etc. He has surveyed rainforest mountains (on foot), dry scrubs and many other habitats, collecting across wide faunal interests. His collecting and loan program has led to about 200 species being named after him. In more recent years at QM he concentrated on dung beetles building up a matchless collection of over 60,000 data-based specimens. His long list of 96 formal publications covers a huge range of subjects from straight taxonomy of Hemiptera and Coleoptera to ecology, behaviour, life history, plant-insect interactions and history.

Geoff has promoted entomology in books, articles, web pages, displays lectures and workshops all over Qld. In 1992 his suggestion transformed a society proposal

to promote entomology in the Queen St Mall into *Living with Insects – Friends and Foes*, the most successful temporary display ever held at Qld Museum. Geoff negotiated the donation of the FP and AP Dodd Collection of Tropical Insects in 1987. He curated its display and wrote a book *The Butterfly Man of Kuranda - Frederick Parkhurst Dodd*. The book won the Whitley Award for the best History of Zoology book published in 1991/92 and the display was seen by many thousands of people all over Qld, other state capitals and all over New Zealand. Geoff travelled with it, delivering lectures and workshops as well. The exhibition was recently redesigned and displayed, retaining Geoff's original label text, in Brisbane and Toowoomba and the book has been reprinted in smaller format. Watch out for Geoff promoting it on ABC's *Collectors* soon.

Geoff is a true society man and has always been prepared to step into the breach to stop society decline or to defend principles from outside attack.

He has served this society in many roles since becoming our librarian in 1962. He was secretary 1968, member and chair of the publication committee 1969-71, president 1974, chair of the fauna subcommittee 1973-1975 and councillor 1988-1989, 2004-2006. He served as assistant editor of *The Australian Entomologist* from 1993 until 2007, when he took on his current role as business manager.

He was a councillor and 1983-84 and President of Qld Naturalists' Club, organising two major club field trips to Cape Tribulation and Kroombit Tops.

He was editor of Aust. Entomological Society's News Bulletin for ten years as well as serving as regional councillor, on their conservation committee and on the organising committee of two major conferences. The society awarded him their inaugural service award in 1994 and honorary life membership in 2008.

On top of the awards already mentioned, Geoff has been awarded the 1997 Australian Natural History Medallion by the Field Naturalists' Club of Victoria, the 1998 Queensland Natural History Award by the Queensland Naturalists' Club and the Queensland Museum Medal in 2007.

It is fitting that this society, that Geoff has been a stalwart of for so long, should honour him in this manner.

I would like to formally move that Geoff be elected as an Honorary Member of the Entomological Society of Qld.

**Geoff Thompson,
Queensland Museum**

News from DEEDI Insect Collection

In February **Desley Tree** undertook a two week training course, 'Thrips Advanced Diagnosticians Development', with Dr Laurence Mound at ANIC, Canberra. Desley has also just completed her final year for Aphids Advanced Diagnosticians Development with Dr Bob Footitt, Canada. Desley has been awarded a DAFF Diagnostic Training Scholarship for scale and mealybugs and will study with Dr Penny Gullan in Canberra over the next 12 months.

In collaboration with Laurence Mound, Desley will soon start a 3 year ABRS Bush Blitz project on the 'Descriptions of, and identification keys to, fungus-feeding Australian species in five genera of thrips'.

Justin Bartlett recently attended a two day workshop on European House Borer in Perth. One delegate from each state was invited by DAFWA to receive training in lab and field identification of EHB as a knowledge sharing exercise prior to the downscaling of their EHB Management program. The training was excellent and voucher specimens of adult and larval *Hylotrupes bajulus* are now lodged in the DPI Insect Collection.

Nate Hardy resigned from DEEDI and has returned his native North America.

Introducing the New President: Lyn Cook

Lyn Cook is an academic in the School of Biological Sciences at The University of Queensland.

Lyn grew up in northern NSW, where her first paid job involving insects was additional pocket money from her mother for catching cabbage white butterflies (*Pieris rapae*) in the backyard vegie patch. She undertook her undergraduate studies at The Australian National University in Canberra, majoring in zoology, genetics and evolution. For her fourth year Honours project, Lyn studied a gall-inducing scale insect genus (*Apiomorpha*) with Professor Penny Gullan (ANU), and continued studying the biology and evolution of the group for her doctoral thesis, which she submitted in 2001.

Lyn then worked for four years in postdoctoral positions with Professor Mike Crisp

(ANU) on plant systematics, specialising in the evolution of Australian plant groups such as the egg and bacon peas and *Melaleuca*. The work with Australian plant groups allowed Lyn to better integrate studies of insect and plant interactions in an evolutionary framework. In addition, in taking a closer look at the plants, she has discovered over a hundred previously undescribed gall-inducing scale insects.

Lyn came to Queensland in 2006 to take a position in Insect Systematics at UQ, where she is currently a Senior Lecturer in Insect and Plant Systematics. She has been an Associate Editor of *Invertebrate Systematics* since 2008 and has been a Councillor from 2007 to present (President from 2008 to 2009) of the Society of Australian Systematic Biologists.

Lyn has published over 50 scientific papers, with about half on insects. Six of her current postgraduate students are studying insect taxonomy and systematics.



Insects in Public Art — Protest sculptures in SA

We've had an irregular series in the News Bulletin of photographs of examples of public art based on insects. Two spectacular examples from South Australia are shown here. Federica Turco and I came across them in mid-March while driving north from Adelaide on the A1 Princes Highway, heading to our collecting destination of Mt Remarkable at the southern end of the Flinders Ranges. South of Port Wakefield the road passes through a long stretch of pretty desperate countryside: just grasses, stunted saltbush and lots of salt burned flats. Signs announced that a large section had been earmarked to be an Indus trial waste dump and some of it was labelled grandly as part of the "Port Wakefield Proof and Experimental Establishment". The waste proposal had clearly been fought against by a protest group which had erected beside the highway about a dozen giant welded steel sculptures depicting all sorts of protest symbols ranging from Zorro and Spacemen to the Man from Snowy River. Most had faded political placards with messages criticising the planned development. The fact that most named the long-gone SA politician, John Olsen, as the object of the campaign at

least dates them to around 20 years ago. Reproduced here are the two insects sculptures, a bushfly and a cockroach.





Entomological Society of Queensland Nomination for Membership Form

www.esq.org.au

Title _____ First name _____

Surname _____

Email _____

Address _____

_____ postcode _____ Date _____

Nominated by _____

Seconded by _____

☐ General membership **\$30 AUD**

☐ Joint membership **\$36 AUD**

☐ Student membership **\$18 AUD**

I would like to receive my News Bulletin

☐ electronically (PDF) by email

☐ in hard copy by mail

☐ Cheque/Money Order enclosed

or Please charge my : ☐ Bankcard ☐ Visa ☐ Mastercard

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Name on Card _____

Expiry Date _____ Signature _____

Please return completed form to : Honorary Secretary
Entomological Society of Queensland
P.O. Box 537
Indooroopilly
Qld. 4068

Please retain the receipt below for your records

----- ✂
Entomological Society of Queensland—Receipt for payment of membership fees

Name _____ Date _____

Amount paid \$ _____ for year/s _____

DIARY DATES 2011

Meetings held 2nd Monday of the month (or Tuesday if Monday is a public holiday)

MAR—Monday 14th	Matt Purcell	AGM and President's Address
APR—Monday 11th	Dr Diana Leeman	Small hive beetle, a recently established scourge of apiaries
MAY—Monday 9th	Dr Tim Heard (CSIRO)	Australian native stingless bees
JUN—Tuesday 14th		
AUG—Monday 8th		
SEP—Monday 12th		
OCT—Monday 10th		
NOV—Monday 14th		
DEC—Monday 12th		

SOCIETY SUBSCRIPTION RATES

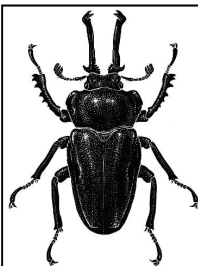
GENERAL:	Person who has full membership privileges	\$30pa
JOINT:	Residents in the same household who share a copy of the <i>News Bulletin</i> , but each otherwise have full membership privileges.	\$36pa
STUDENT:	Students and others at the discretion of the Society Council	\$18pa

Student membership conveys full membership privileges at a reduced rate.

THE AUSTRALIAN ENTOMOLOGIST SUBSCRIPTION RATES

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	Institutions	AU\$45pa
ELSEWHERE:	Individuals	AU\$45pa
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The Australian Entomologist PO Box 537, Indooroopilly QLD 4068.



THE ENTOMOLOGICAL SOCIETY OF QUEENSLAND



NOTICE OF NEXT MEETING

Monday 9th May 2011, 1pm

~

Dr Tim Heard

CSIRO Ecosystem Sciences

*Australian native stingless bees —
recent research on a species with a variety
of potential commercial applications*

(see abstract on page 19)

~

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 39, Issue 3 (May 2011)
due early June

CONTRIBUTIONS WELCOME

DEADLINE - Thursday 26th May

Send your news/stories/notices to the editor
(justin.bartlett@deedi.qld.gov.au)