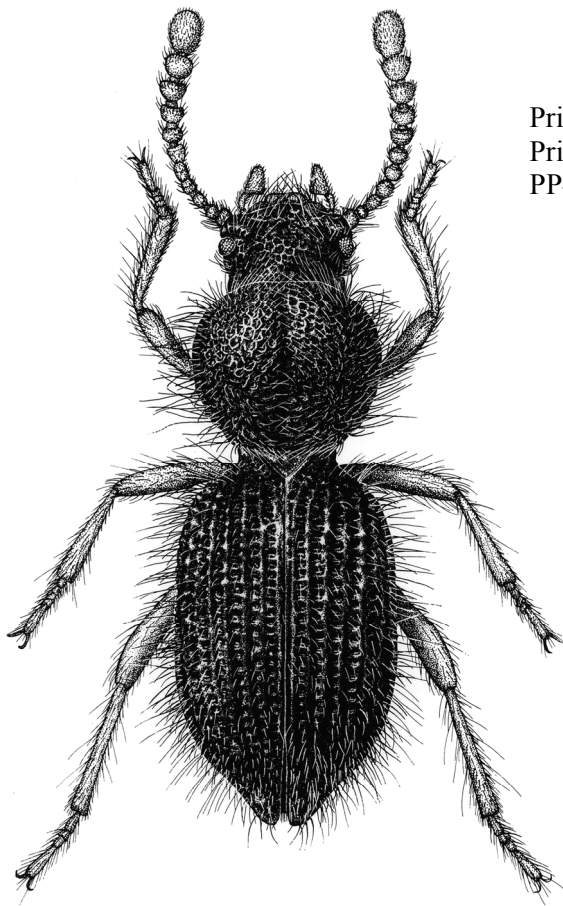


ENTOMOLOGICAL SOCIETY OF QUEENSLAND INC NEWS BULLETIN



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THE ENTOMOLOGICAL SOCIETY OF QUEENSLAND

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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.

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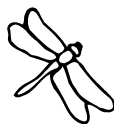


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The **ENTOMOLOGICAL SOCIETY OF QUEENSLAND INC.**, since its inception in 1923, has striven to promote the development of pure and applied entomological research in Australia, particularly in Queensland. The Society promotes liaison among entomologists 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 Library, Ecosciences Precinct, Boggo Rd, Dutton Park, Tuesday December 11 at 5pm.

Chair: Geoff Thompson.

Attendance: Justin Bartlett, Bradley Brown, Lyn Cook, Michael Day, Julianne Farrell, Alexandra Glauert, Manon Griffiths, Andrew Hayes, Tim Heard, Peter James, Judy King, Chris Lambkin, Simon Lawson, Diana Leemon, Penny Mills, Chris Moeseneder, John Moss, Helen Nahrung, Bill Palmer, Brenton Peters, Matt Purcell, Nurdyana Abdul Rahman, Robert Raven, Don Sands, Noel Starick, Richard Zietek.

Visitors: Barbara Baehr.

Apologies: Gary Fitt, Ross Kendall, Morris McKee, Stacey McLean, Geoff Monteith, Federica Turco, Susan Wright.

Minutes: The minutes of the last General Meeting were circulated in News Bulletin Vol. 40, Issue 8, November 2012.

Moved that the minutes be accepted as a true record: Geoff Thompson

Seconded: Penny Mills.

Carried unanimously.

Nominations for Membership:

The following nominations for Membership were received and approved by Council, and are put forward for election:

General Membership:

1. Mr TL Semple (Tom), 5 Prince St, Virginia, Qld 4014. Nominated by Lyn Cook, seconded by Penelope Mills.

2. Mr Gary Cochrane, 504 Boundary Rd, Archerfield, Qld 4108. Nominated by Brenton Peters, seconded by Judy King.

General Business:

1. Officers for next year – the President reminded members that nomination forms are in the Bulletin and must be received by the Secretary by Jan 29th.

2. Student award reminder – please encourage students to submit entries by April 12th; the entry form is in the Bulletin.

3. Jill Rose advised us by email of an animated documentary on the Lord Howe Island Stick Insect which will be released in 2013. There is an online preview – the link is <http://www.bespokeanimation.com>.

Main Business

The following Notes and Exhibits were presented.

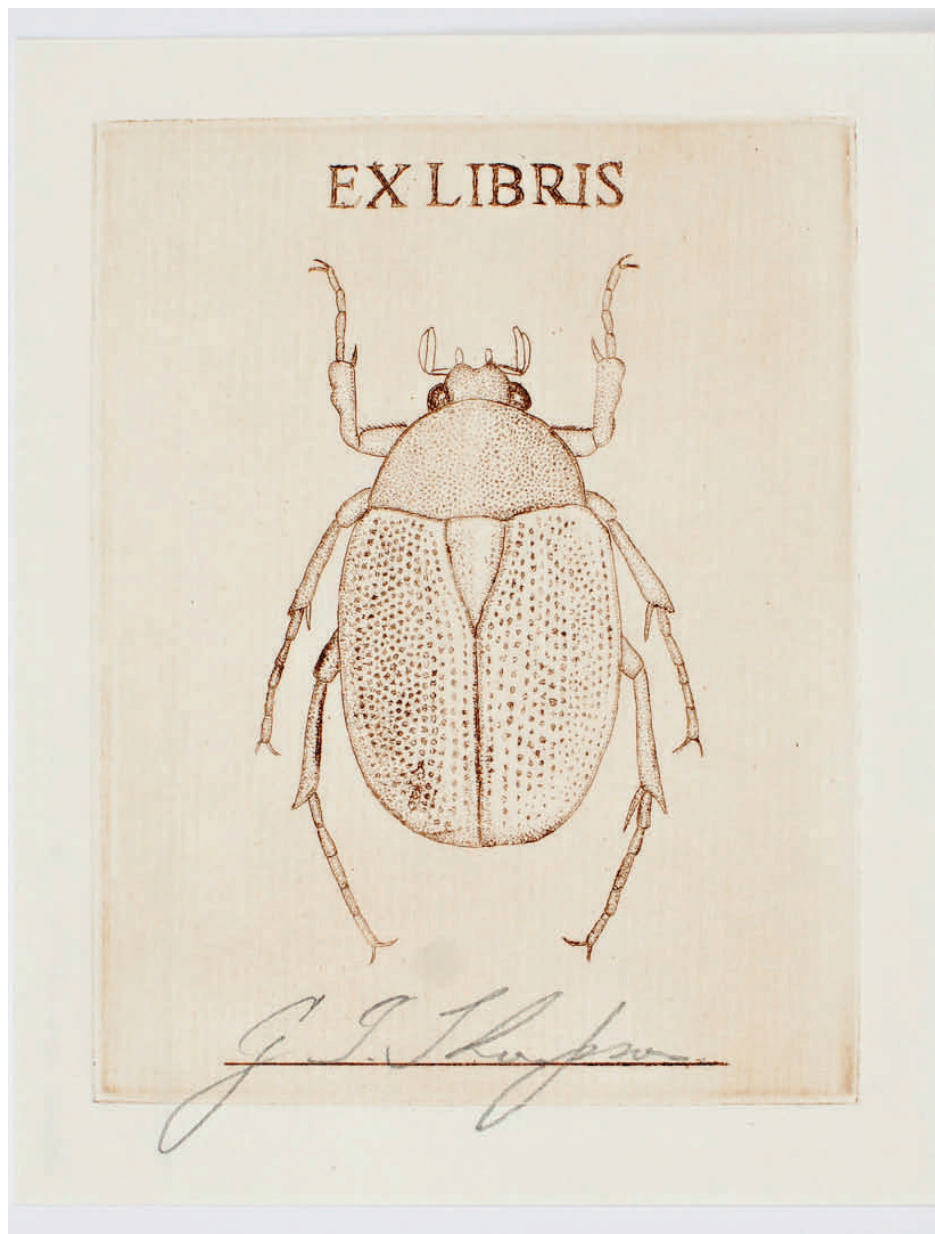
Entomological Bookplate Etchings

Geoff Thompson, Queensland Museum

I was a traditional scientific illustrator from 1975 till about 2009. In the last decade or so digital focus-stacking technology, which takes and combines all the sharp bits out of a series of images at successive focal depths, has taken over most anatomical illustration tasks.

Since I no longer draw at work I do traditional etchings on zinc and copper plates at The Studio West End. This year I was invited to participate in “Bookplates Unbound”, a project suggested by Gael Phillips and Wim de Vos. 31 artists were asked to produce a bookplate in an edition of 40 as well as a statement as to why they made that particular image. Each artist contributed to the costs of making fine Solander boxes to contain the unbound, mounted prints and associated text and title pages.

Since bookplates are a traditional art form I decided to use my traditional insect illustration skills and produce a plate of a cetoniine beetle. The drawing was done from specimens and photographs and refined on tracing paper in the traditional way. A pencil outline was transferred to the drawing surface, an acid-resistant coating (a ground) on a copper plate. The detailed drawing and



Bookplate, etching of a cetoniine beetle by the author.



Plate 4 from Lewin 2nd edition, 1822, now *Doratifera vulnerans* (Lewin, 1805).

Right: Etching strip of sketched butterflies printed and hand coloured by the author.

lettering were scratched and stippled into the ground, exposing bare metal in the lines and dots. The back of the plate was protected with bitumen and then the whole was placed in nitric acid to eat away the exposed metal.

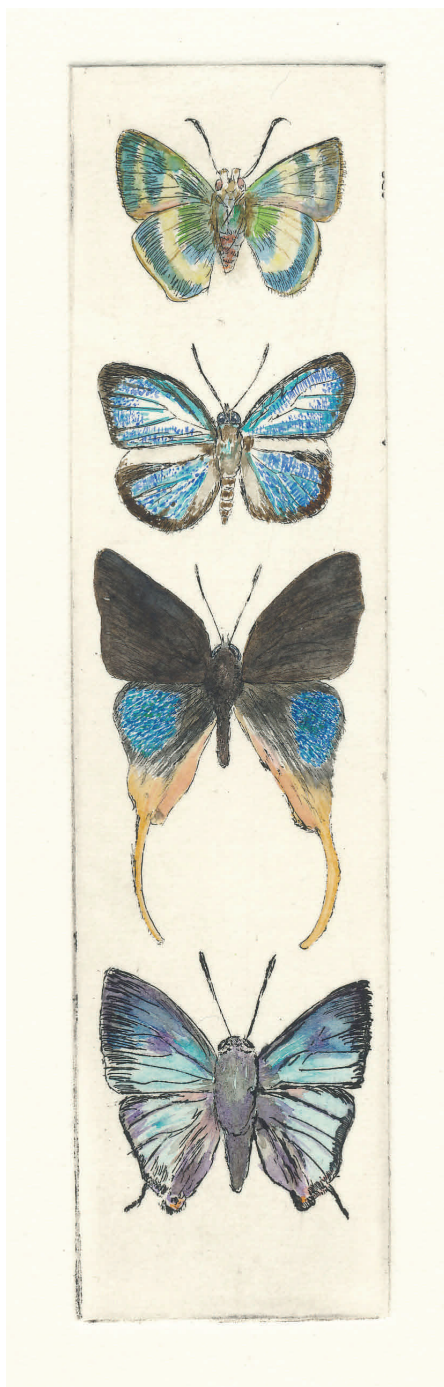
The plate was removed and washed with water, the ground removed with turpentine, the edges filed and polished, ink forced into the grooves and pits, the excess ink wiped off and the image printed onto damp paper on my etching press at the studio. It's possible to add tone later with aquatint, a process using pine-rosin dust melted onto the plate before further treatment with acid as before but I kept this one as a straight line etching.

At the same time I produced a bookplate of the underside of a Green Awl skipper butterfly, *Hasora discolor mastusia*, of which I exhibited the plate and a print. I also exhibited an etching of a strip of quickly-sketched butterflies hand coloured with watercolour.

The very first plates actually produced on the continent of Australia were etchings by John William Lewin for his "Prodromus Entomology, Natural History of Lepidopterous Insects of New South Wales", first published in 1805 and reissued in 1822. Queensland Museum library holds a fine copy of the second edition.

Julian Renard of Gaston Renard Rare Books produced a fine facsimile edition of this book in 2007. I and my etching mentor, Wim de Vos, were able to advise on technical aspects of production of the plates. Julian generously presented me with a copy of the facsimile which I exhibited at the meeting.

[http://www.gastonrenard.com.au/
EditionRenard.htm](http://www.gastonrenard.com.au/EditionRenard.htm)



Australian Entomological Society Constitutional Changes and Impli- cations for the Entomological Soci- ety of Queensland

Chris Lambkin, Queensland Museum
- ESQ Representative for AES

Members of the Australian Entomological Society (AES), at the AES conference in Hobart in November 2012, approved a new constitution and the creation of a company.

Changes to the AES constitution:

- allow AES to operate legally across Australia by creating a company.
- remove restriction that core executive must come from a single population centre.
- allow for overlap in membership of leadership team (the 6 directors), building corporate memory.

The current executive will remain in place until votes by members for a board of 6 directors (president (from directors), vice-president, secretary, treasurer, chief editor, student rep).

The old AES constitution included a special category of membership "affiliated societies" (Qld, Vic and NSW Ent Socs). The new AES constitution allows renewal of the relationship with all affiliated societies, but not via a special category of membership. As a company, the AES plans to focus the entire energies of one Director on regional and representative relationships and welcomes suggestions for fostering and improving the relationship with ESQ.

The AES has also outsourced its membership list, treasurer's duties, web site, phone etc – currently 2 volunteers working 2 days week.

Rare female *Phyllium* (*Phyllium*) *monteithi* (Phasmida: Phylliidae: Phylliinae) for Queensland Mu- seum

Chris Lambkin

A very rare female *Phyllium monteithi* (leaf insect) specimen has been donated to the Queensland Museum by Martina Mitchell who collected it on the 11th February 2012 at Kuranda. This specimen recently died after producing eggs.

Several nymphs hatched from the eggs and on the 30th November 2012 one moulted to a female adult – the moult process is shown in a series of 42 photographs online at <https://www.facebook.com/media/set/?set=a.384981201588627.92162.362692887150792&type=1>. The size difference for that female and a one day old nymph are shown here in a photo by Martina.



© Martina Mitchell

Strongylophthalmyidae (Diptera) in Australia

Chris Lambkin

The Strongylophthalmyidae is a dipteran family previously unrecognised for Australia. I received a request from Neal Evenhuis (Bishop Museum: Hawaii) for specimens of Strongylophthalmyidae from New Caledonia but that group had not been sorted from the QM samples. The Strongylophthalmyidae have not been officially recognised from Australia although three undetermined species of *Strongylophthalmyia* are noted and currently placed in Tanypezidae.

With use of the diagnostic characters (especially the clear break in the costa near the join to the subcostal vein) as recorded in the Manual of Nearctic Diptera I found three specimens in the IBISCA QLD Lamington National Park altitudinal study and more in the UQIC. One of the IBISCA QLD specimens had been photographed by Noel Starick for the IBISCA QLD Family Identification Booklet clearly showing the diagnostic character.

From death to dust - using insects to estimate post mortem intervals in Queensland

Julianne Farrell

Editor's note: *A text version of Julianne's presentation was not available at the time the Bulletin went to press. I hope to include this in a subsequent issue.*

Geoff Thompson also exhibited a copy of the late Prof. Doug Kettle's autobiography of the first part of his life before coming to Australia, courtesy of Jane Harthoorn.

Vote of Thanks: Noel Starick

Any other business:

The President reminded members that the next meeting will be the Annual General Meeting on March 12 at this venue. He wished members a happy Christmas and invited everyone to the BBQ.



Male *Strongylophthalmyia*. Photo G.Thompson. Female *Strongylophthalmyia*. Photo N.Starick

Nominations for 2013 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 2013.

Nominations should be sent via email, fax or post and be referred to the:

Honorary Secretary, Entomological Society of Queensland

PO Box 537, Indooroopilly QLD 4068

Please return form by the 29th of January, 2013.

A list of nominations received will be circulated in issue 10 of the News Bulletin, and an election held at the Annual General Meeting in March 2013. 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)
- Business Manager (Australian Entomologist)

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 front inside cover of the News Bulletin.

Office Bearer Nominations Form 2013

I nominate (name)

.....

For the position of

- Senior Vice President
- Honorary Secretary
- Honorary Treasurer
- News Bulletin Editor
- Councillor
- Business Manager (Australian Entomologist)

On the Council of the Entomological Society of Queensland

Nominated by

.....

Seconded by

.....

I accept the nomination

.....

(nominee signature)

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

GPO Box 267

Brisbane Q 4001

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 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		
MAY—Tuesday 14th		
JUN—Tuesday 11th	Notes & Exhibits / Student Award Presentation	
AUG—Tuesday 13th		
SEP—Tuesday 10th		
OCT—Tuesday 8th		
NOV—Tuesday 12th		
DEC—Tuesday 10th	Notes & Exhibits and Xmas BBQ	

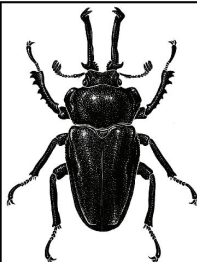
SOCIETY SUBSCRIPTION RATES

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

AUSTRALIA:	Individuals	AU\$33pa
	Institutions	AU\$37pa
ASIA/PACIFIC:	Individuals	AU\$40pa
	Institutions	AU\$45pa
ELSEWHERE:	Individuals	AU\$45pa
	Institutions	AU\$50pa

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



THE ENTOMOLOGICAL SOCIETY OF QUEENSLAND



NOTICE OF NEXT MEETING

Tuesday 12th March 2013, 1pm

~

ANNUAL GENERAL MEETING and PRESIDENTIAL ADDRESS *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 40, Issue 10 (January/February 2013)
due out mid February

CONTRIBUTIONS WELCOME

DEADLINE - 4pm Thursday 7th February, 2013

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