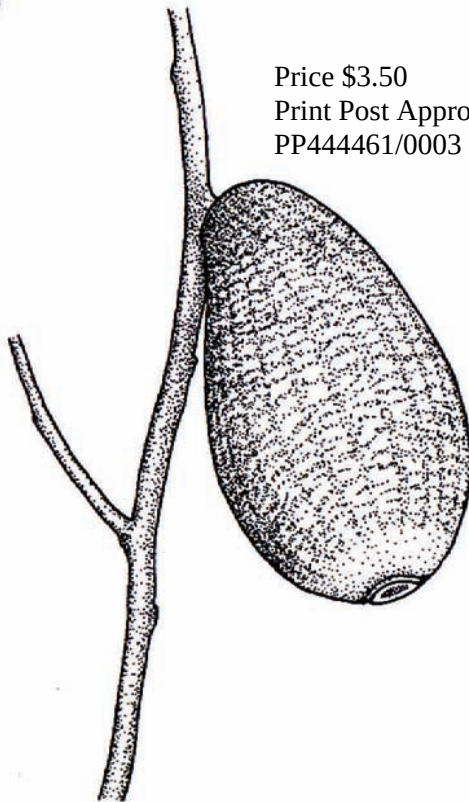
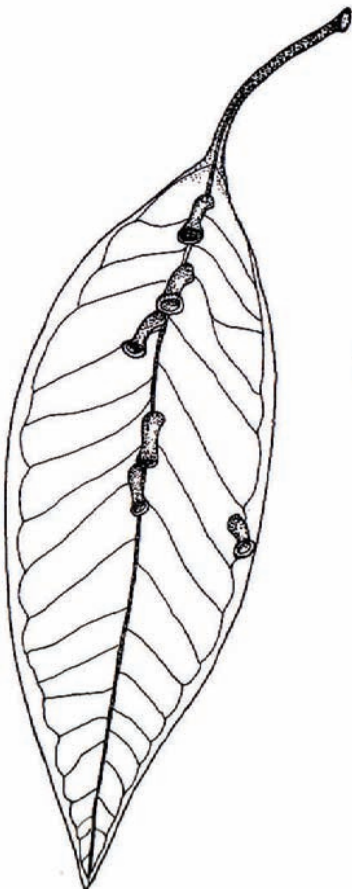




ENTOMOLOGICAL SOCIETY OF QUEENSLAND INC NEWS BULLETIN



Price \$3.50
Print Post Approved
PP444461/0003

Volume 39, Issue 9, December 2011

THE ENTOMOLOGICAL SOCIETY OF QUEENSLAND

Internet: www.esq.org.au **Email:** esq@uqconnect.net

Address: PO Box 537, Indooroopilly Qld 4068

President

Dr Lyn Cook
Ph: (07) 3365 2070
Fax: (07) 3365 1655
Email: l.cook@uq.edu.au

Senior Vice President

Geoff Thompson
Ph: (07) 3840 7690
Fax: (07) 3846 1226
Email: geoff.thompson@qm.qld.gov.au

Junior Vice President

Matthew Purcell
Ph: (07) 3833 5740
Fax: (07) 3833 5504
Email: matthew.purcell@csiro.au

Secretary

Dr Judy King
Ph: (07) 3202 7507
Email: cjking2@bigpond.net.au

Treasurer

Desley Tree
Ph: (07) 3255 4375
Fax: (07) 3844 9716
Email: desley.tree@deedi.qld.gov.au

News Bulletin Editor

Justin Bartlett
Ph: (07) 3255 4357
Fax: (07) 3844 9716
Email: justin.bartlett@deedi.qld.gov.au

Permit Information Officer

Dr Christine Lambkin
Ph: (07) 3840 7699
Fax: (07) 3846 1226
Email: christine.lambkin@qm.qld.gov.au

Councillors

Dr Simon Lawson
Ph: (07) 3255 4380
Fax: (07) 3844 9716
Email: simon.lawson@deedi.qld.gov.au

Chris Moeseneder
Ph: (07) 3833 5946
Email: chris.moeseneder@csiro.au

Dr Federica Turco
Ph: (07) 3840 7690
Fax: (07) 3846 1226
Email: Federica.turco@qm.qld.gov.au

Honorary Life Members

R.A.I. Drew
D.L. Hancock
M.J. Harslett
D.S. Kettle
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

Editor

Dr David Hancock
PO Box 537
Indooroopilly Qld 4068
Ph: (07) 4053 1574
Email: davidhancock50@bigpond.com

Business Manager

Dr Geoff Monteith
Ph: (07) 3371 2621
Email: geoff.monteith@bigpond.com

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

ISSN 1037-2989



TABLE OF CONTENTS

Minutes of General Meeting	114
Main Business	
Rediscovery of Brachypsectridae in Australia - G. Monteith & F. Turco	114
A Giant Scydmaenid from Mt Abbott, N Qld - G. Monteith	116
Backyard Explorer in remote & beautiful places - C. Lambkin, A. Morrison & N. Starick	120
The Dodd Collection Revealed - G. Thompson	124
Notice of Next Meeting	130
Notices	130
Nomination for 2012 Office Bearers	132
2012 Student Award	134
Nomination for Membership Form	136

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 Meeting Room (Seminar Room 1—ground floor) Ecosciences Precinct, Boggo Rd, Dutton Park, Monday, December 12, 2011 at 1.00pm.

Chair: Geoff Thompson,

Attendance: Justin Bartlett, Stephen Cameron, Alexandra Glauerdt, Tim Heard, David Holdom, Judy King, Chris Lambkin, Lance Maddock, David Merritt, Penny Mills, Chris Moeseneder, Geoff Monteith, Bill Palmer, Matthew Purcell, Robert Raven, Helen Schwencke, Noel Starick, De-sley Tree.

Visitors: Barbara Baehr, Aidan Mischke.

Apologies: Richard Bull, Lyn Cook, David Emery, Ross Kendall, Simon Lawson, David Merritt, Penny Mills, Federica Turco.

Minutes: The minutes of the last General Meeting were circulated in News Bulletin Vol. 39, Issue 8, November 2011.

Moved that the minutes be accepted as a true record: Robert Raven.

Seconded: Chris Lambkin.

Carried unanimously.

Business arising

None.

Nominations for Membership:

General Membership: Trudy Coles, Woodroffe, N.T., nominated Geoff Thompson, seconded Geoff Monteith.

Richard Pedley, Camp Hill, Qld, nominated Lyn Cook, seconded Penny Mills.

Student Membership

Brodie Foster, Mooloolah Valley, Qld, nominated Robert Whyte, seconded Judy King.

New members were elected unanimously.

General Business:

1. The next meeting will be the AGM on March 12, to be held at this venue. All meetings next year will be here.

Main Business

Notes and Exhibits

1. Robert Raven: "Mouse spiders (*Missulena* spp) in our back yards".

2. Geoff Monteith & Federica Turco: "Rediscovering the enigmatic beetle family Brachypsectridae in far outback Queensland" / Geoff Monteith: "A giant scydmaenid from Mt Abbott, North Queensland".

3. Christine Lambkin, Noel Starick & Alan Morrison: "Backyard Explorer - Spreading the word in remote and beautiful places".

4. Geoff Thompson: "The Dodd Collection Revealed - 200 megapixel images of iconic display cases".

Editors note: a 'bulletin-ready' version of Dr. Raven's presentation was not available for inclusion in this issue.

Rediscovery of the Enigmatic Beetle Family Brachypsectridae in Australia

Geoff Monteith and Federica Turco
Queensland Museum, Brisbane

The Brachypsectridae is a curious and enigmatic family of Coleoptera, placed in the click beetle superfamily, which has been reviewed on a world basis quite recently (Costa *et al* 2006). The adults are small, plain, brown beetles with little to distinguish them, but the larvae are very strange. They are broad flattened creatures with a stiff rod-like tail and the body is fringed with tuberculate processes. They live in cracks and crevices, particularly among the rough bark of trees, and operate as "sit and wait" predators, much like an old-fashioned rabbit trap. When a small animal walks on their sensitive back they flex upwards at both ends, trapping the prey beneath the stiff tail while it is mauled by the strong curved mandibles of the flexible head.



1



2



3

Fig 1. Clump of roadside trees at Diamantina National Park where R. Crookshanks initially collected brachypsectrid larvae. **Fig 2.** Rough barked gidgee trunks which yielded brachypsectrid larvae to a triumphant Federica. **Fig 3.** Living larvae of the Australian *Brachypsectra* species from the Diamantina NP site.

Brachypsectrids are rarely collected and there are currently only five species described worldwide, all in the genus *Brachypsectra*: one from arid US and Mexico, one from India, one from Singapore and two (one an amber fossil) from the West Indies. However there are two tantalizing published records of brachypsectrid larvae from Australia (Costa *et al* 2006), and these undoubtedly represent a sixth species which can't yet be formally described in the absence of adults. The first collection was from Windjana Gorge (near Broome, WA), taken by Ed Ross and David Cavagnaro of the Californian Academy of Science in October 1962. The second collection was from closer to home: two larvae were among a sample of snails sent to the Queensland Museum in 2006 from Diamantina Lakes NP by amateur mollusc collector R. Crookshanks. Luckily he had recorded exact GPS coordinates of the site and examination of the place on Google Earth showed a dense clump of trees beside the road in an otherwise almost treeless desert landscape.

Having planned a desert trip in October to look for Federica's zopherids and meloids, we decided to check the spot out (just 1275 km WNW of Brisbane!) in the hope of maybe scoring a brachypsectrid. Sure enough, Mr Crookshank's clump of trees hove into view right on GPS cue (Fig 1) and it proved to consist of mostly old, gnarled, stunted gidgee trees (*Acacia cambagei* or *A. georginae*) which have extremely thick flaky, fissured bark – textbook brachypsectrid habitat! We spent a morning digging into the bark layers (Fig 2) with screwdrivers and to our great delight we managed to get one large and one small larvae (Fig 3) (GBM: note, the words “our” and “we” are used with poetic licence since Federica got both!).

The larvae were brought back to Brisbane alive. The small one “escaped” during photography but the large one pupated and emerged as an adult female. This is the first

adult obtained of the Australian species. Unfortunately males of *Brachypsectra* have variously modified antennae and other characters which provide the main difference between the species, whereas all females are rather uniform. For this reason it is a little debatable whether the Australian species should be described from this single female. We need a male...watch this space!

Reference

COSTA, C., VANIN, S.A., LAWRENCE, S., IDE, S. and BRANHAM, M.A. 2006. Review of the Family Brachypsectridae (Coleoptera: Elateroidea). *Annals of the Entomological Society of America* **99**: 409-432.

A Giant Scydmaenid from Mt Abbott, North Queensland

Geoff Monteith, Queensland Museum

Mt Abbot is a rarely visited, 1000m high, domed, granite mountain which rears up from the flat coastal plain 60 km inland from the town of Bowen in North Queensland (Fig 1). This is right in the middle of one of the major dry corridors of Queensland and forms a significant biogeographic barrier between the wet forested mountains of Eungella to the south and the Wet Tropics at Townsville to the north. This dry region was assumed to have no rainforest habitat. Until recently Mt Abbot was entirely privately owned, comprising unused parts of the three adjacent cattle properties, and its summit had never been visited by biologists. Then Queensland Herbarium botanist Tony Bean hiked to the top alone several times in the early 1990s and discovered a lost world of new endemic and disjunct plants, including fragments of unsuspected rainforest in sheltered gullies (Bean 1994).



Fig.1. Helicopter party preparing for lift to Mt Abbot at rear. The main rainforest gully is the one visible below the highest point towards the right. **Fig. 2.** Still waiting at 9am for night fog to lift from summit landing site.

This prompted we Queensland Museum entomologists to have a look and we back-packed up in December 1996 for a 3 night stay and again for 4 nights in April 1997. The environment we found was more like that of Stanthorpe, with rocky domes and pavements, heaths, and dense eucalypt/casuarina/banksia forest on deeper soils. Sure enough there were narrow strips of rainforest in the heads of some of the gullies above about 800m. And we saw where the moisture in this arid zone came from, as dense fogs settled every night from the SE trades which blew off the ocean and up the hot slopes of the mountain to condense on the cool summit (Fig 2). When the fogs formed during the afternoon on a couple of occasions we had trouble finding our way back to camp.

We collected furiously and were able to run pitfall and flight intercept traps for the four months between visits. The insect fauna we found was quite unique, with some species typical of the southern Eungella forests and others belonging to the northern Wet Tropics fauna. But a bright orange, 8mm long, ant-like beetle species we found roaming logs and rocks on the floor of the rainforested gully near the summit was a complete puzzle. In the field I assumed it must be some strange member of the Anthicidae, but running it through John Lawrence's key back at the lab brought it out to the family Scydmaenidae. Scydmaenids are minute beetles found commonly in litter and none known from Australia exceeded about 3 mm. Could this Mt Abbot species, three times that size, really belong to that family? We sent specimens off to Sean O'Keefe, a US specialist on the family, and he announced the unbelievable news that it was a new species of *Clidicus*, a famous and bizarre genus of giant scydmaenids with a dozen species known from SE Asia and a few islands of Indonesia and Malaysia. The nearest known species to Mt Abbot was 3500km away on the island of Java. The Mt Abbot species was subsequently described as *Clidicus abbotensis* (Fig 3) and the

presence of this isolated species on a single mountain-top in tropical Australia remains a biogeographic anomaly (O'Keefe and Monteith, 2000).

We subsequently wrote a Nomination for National Estate listing for Mt Abbot on the basis of its unique insects, with *Clidicus abbotensis* a cornerstone species of the nomination (Monteith and Joyce 1999). This nomination was accepted by the federal government and in May 2011 the Queensland Government announced that the part of the summit which belonged to "Eton Vale" station has been purchased and designated the Mt Abbot National Park. No doubt "beetle power" had some influence on this favourable outcome! In September this year a group of us from the Queensland Museum had the opportunity to camp again on top of Mt Abbot, but this time via helicopter courtesy of the Airlie Beach office of Queensland National Parks, a great improvement on our early 10-hour hikes with heavy packs. We thank Senior Ranger Barry Nolan for making it possible. *Clidicus abbotensis* was still common in the rainforest gully and literally hundreds were seen foraging on rocks and logs in the daytime (Fig 4). Interestingly, large clusters of adults were found inside cavities in rotten logs (Fig 5) and these were probably overwintering aggregation sites.

References

- BEAN, A.R. 1994. An analysis of the vascular flora of Mt Abbot near Bowen, Queensland. *Proceedings of the Royal Society of Queensland* **104**:43-66.
- MONTEITH, G.B. & JOYCE, K. 1999. Mt Abbot Summit. Nomination for Register of the National Estate. 51 pp. Report to the Australian Heritage Commission
- O'KEEFE, S. T. and MONTEITH, G.B. 2000. *Clidicus abbotensis* O'Keefe, a new species of Scydmaenidae (Coleoptera: Staphylinoidea) from Australia with description of the larva. *Memoirs of the Queensland Museum* **46**(1): 211-223.



Fig. 3. The giant 8 mm *Clidicus abbotensis* (top) compared with normal-sized Scydmaenidae (Photo: Geoff Thompson). **Fig. 4.** A living *Clidicus abbotensis* active in the daytime on a mossy surface (Barry Nolan). **Fig. 5.** A cluster of *Clidicus abbotensis* inside log cavity (Barry Nolan).

Backyard Explorer – Spreading the word in remote and beautiful places

Chris Lambkin, Allan Morrison, Noel Starick

Backyard Explorer, is a community engagement project, to assess the biodiversity of an area using insects, developed at Queensland Museum (QM) by Christine Milne (Queensland Education, Science Curriculum Development) and **Dr Christine Lambkin** (Curator Entomology QM) in 2007 and trialled in schools across SW Queensland in 2008. **Allan Morrison** (Museum Magnet Schools Project Officer) joined the team in late 2008, and took over from Christine Milne when she left.

In 2009 the BE team (Allan Morrison, **Noel Starick** (QM volunteer) & Chris Lambkin) continued to roll out the Backyard Explorer across schools and also through Environmental Education Centres with the advent of the Queensland State Government **Earth Smart Science** program that required all Queensland Primary Schools over a 3 year period to 'Improve Biodiversity' of their schools. By May 2009 we had 13 schools, 91 teachers, and 955 students involved in the Backyard Explorer Program.

In 2010 we received \$5000 **International Year of Biodiversity** funds from the Council of Australian Museum Directors (CAMD) and the BE team completed 2 major trips, one concentrating on the Longreach area for Science Week, and the other concentrating on the Emerald region and moving from schools into community engagement.

In late 2010 we successfully competed for and were awarded a Sustainable Science Outreach Grant of \$50,000 in Science Connections Program (**SCOPE**) from the Department of Innovation, Industry, Science and Research for community engagement in remote regions. With these funds we

completed **4 major events in 2011**, targeting the Mt Isa region (1), Eromanga area (2), Chillagoe and Indigenous communities (3), Rockhampton to Mackay to Innisfail, and Coastal NE Qld and Torres Strait (4). We also continued to interact with schools through the ESS program, and schools and teachers in South-east Queensland.

Through the SCOPE and CAMD funds there was expansion of Backyard Explorer documentation which included:

- New Backyard Explorer Leader's Guide
- Upgraded Student Guide to become a more generic User's Guide
- Data collation tool upgraded to improve useability
- New Data collation tool manual guides leaders on how to use and customise the data tool
- Website registration for workshops
- QM Facebook blogs for all SCOPE events (See <http://www.facebook.com/QueenslandMuseum>)
- Google Docs data dissemination

Coastal Queensland events October 2011

The BE team conducted Backyard Explorer workshops in North Keppel Island, Mackay, Innisfail, and Torres Strait starting with a free full day workshop held at **North Keppel Island** Environmental Education Centre on Monday, 17th October, 2011. Participants from teachers to local naturalists, council representatives, Great Barrier Reef Marine Park Authority and interested community members were shown how to complete a survey of their property, work site, even backyard, incorporating scientific examination of habitat, vegetation and wildlife using the techniques museum scientists use in research including identifying insects and interpreting the bio-health of the area.

Following the full day workshop on Tuesday the BE team, presented further shorter workshops to schools and communities in **Mackay** at Central Queensland University. A special event was conducted for



Figs. 1-2. North Keppel Island.



Fig. 3. Central Queensland University, Mackay.

representative students from local schools followed by a community event after school hours. Subsequent full day workshops were conducted in **Innisfail** (through Terrain Natural Resource Management Group at Goondi State School) and **Torres Strait** (through Taigai State College on Goods Island near Thursday Island).

The SCOPE funded community and school events conducted in the coastal districts achieved the objective of promoting and developing school and community links among all partners involved: Earth Smart Science, Science Spark (Primary Science Facilitators), Schools, Community members (e.g. Traditional owners), local land care groups (e.g. Landcare Innisfail, Society to Grow Australian Plants) other

Government agencies (Fitzroy River Catchment Care, Terrain Natural Resource Management Group, Torres Strait Land and Sea Management) and the Queensland Museum (including Museum of Tropical Queensland).

Through SCOPE funds the QM Backyard Explorer program has supplied scientific equipment to 8 centres across remote Queensland. Two Backyard Explorer kits have been developed for the Queensland Museum loans section each containing over \$1000 worth of scientific equipment and books for loans into SE Queensland. We have finally expended the SCOPE funds, and Allan Morrison left the BE team and QM to return to Education Qld as of the 9th December.

Backyard Explorer	Number of events	Community	Students	Teachers	Participants
by May 2009			955	91	1046
CAMD 2010	22	37	430	106	573
Totals 2011	66	183	990	582	1755
TOTALS					3374



Figs. 4-5. Goods Island, Torres Strait.

The Dodd Collection Revealed - 200 megapixel images of iconic display cases

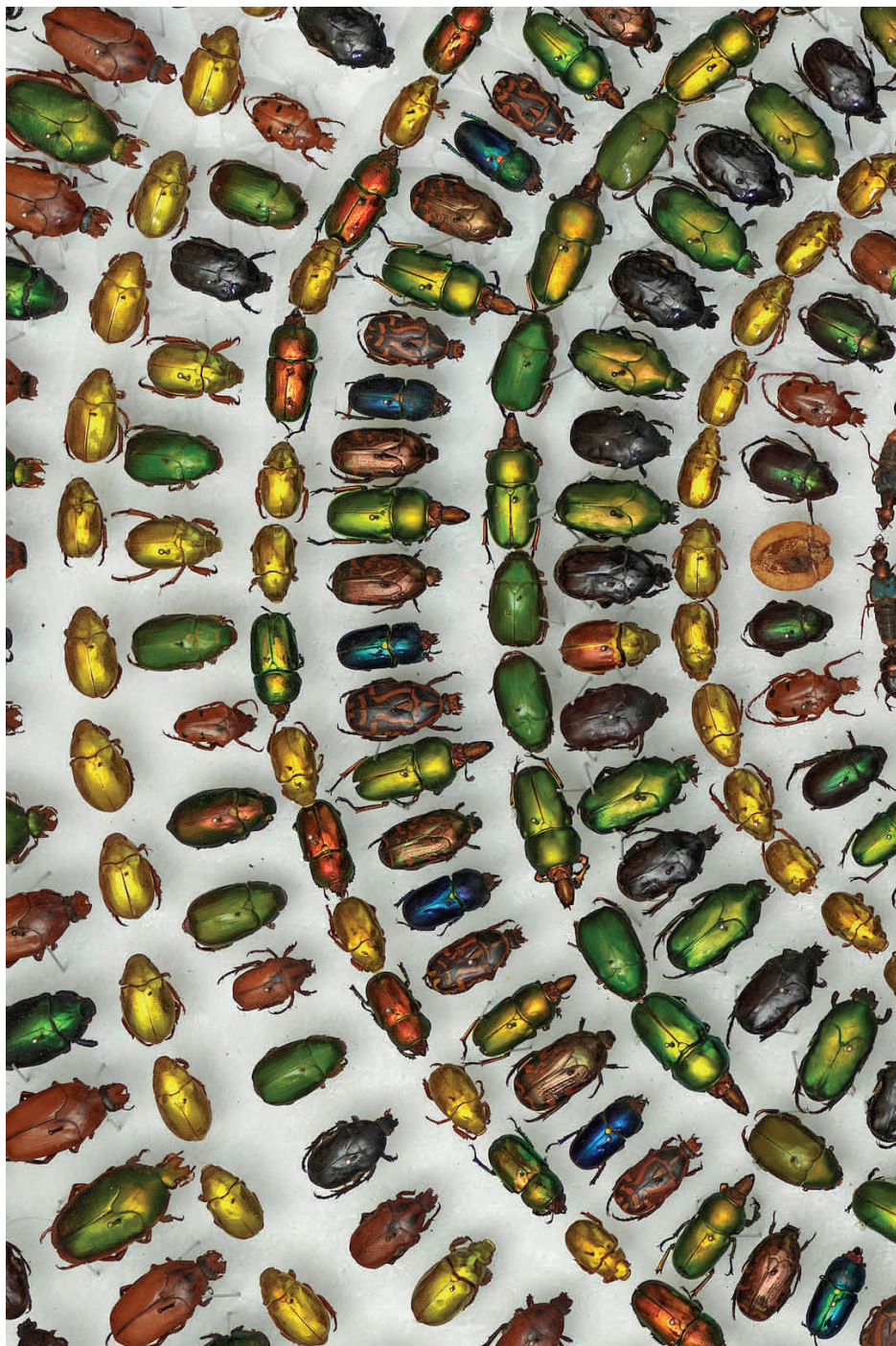
Geoff Thompson, Queensland Museum

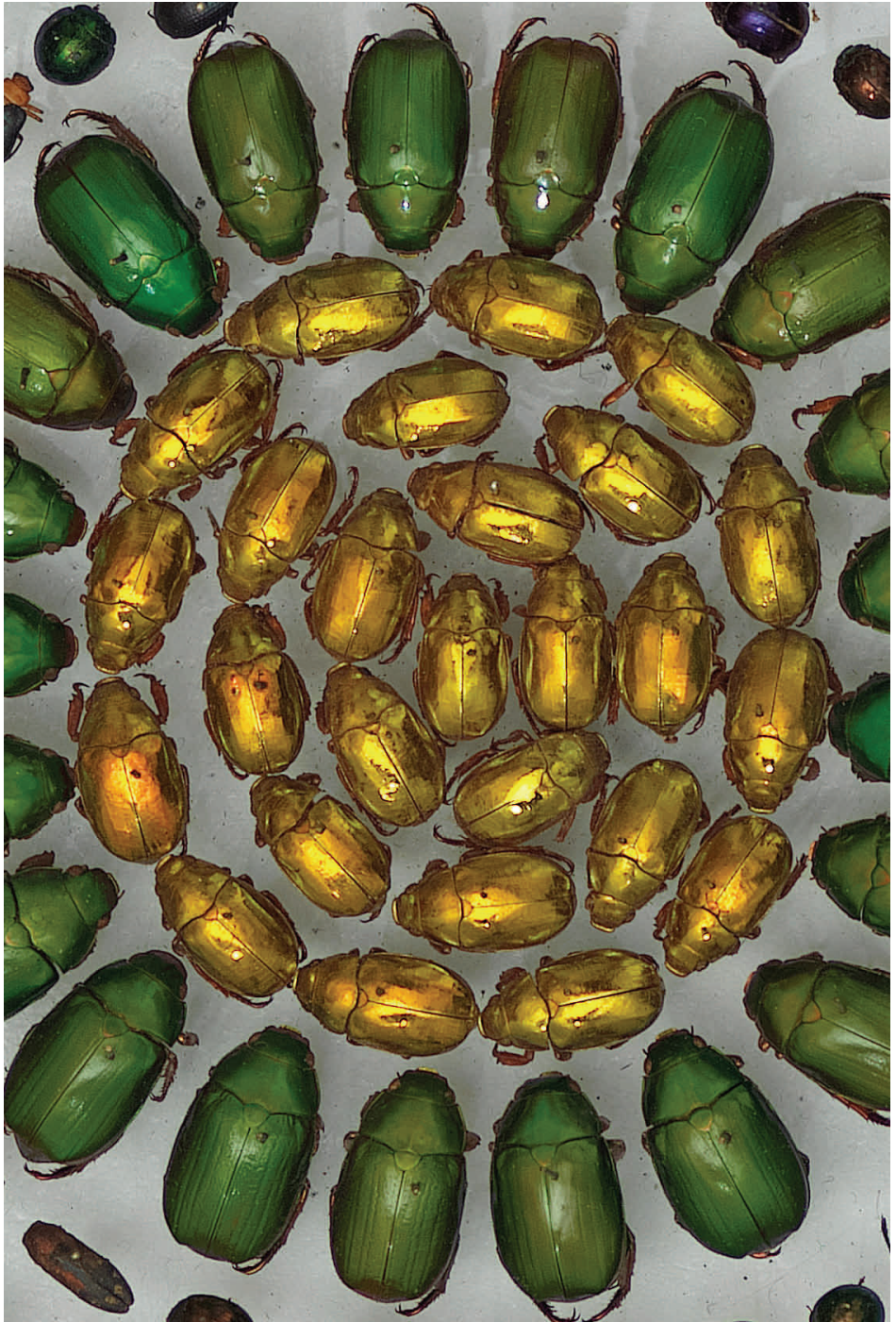
During the purchase process for Queensland Museum's photographic systems funded by the Atlas of Living Australia, savings were made due to a favourable exchange rate. This enabled purchase of an

upgrade to our Hasselblad 50 megapixel, 4-shot camera to a 200 megapixel 6-shot camera. Test shots were taken of Dodd Collection cases and these will be used during "The Butterfly Man of Kuranda" display at Museum of Tropical Queensland, Townsville, opening in March.

The images of whole cases can be tiled into jpegs using Zoomify and viewed in great detail on the web without having to download the whole huge file.













Vote of Thanks: Justin Bartlett

Secretary by the end of January

Any other Business?

Reminder about nominations for Council positions. Nomination forms are in the December Bulletin and must be sent to the

The Chair wished everyone a merry Christmas and a Happy New Year, and invited everyone to the AGM on March 12.

NOTICE OF NEXT MEETING

Monday 12th March 2012, 1pm

~

Annual General Meeting and President's Address

~

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

NOTICES

Constitution Change to Create Assistant News Bulletin Editor Positions

For some time Society Council has recognised that the production and distribution of the Society's News Bulletin is a task too large for one officer. At the Council Meeting on December 12 it was decided to modify the Constitution to allow the appointment of one or more Assistant News Bulletin Editor positions. Section 15 of the Constitution specifies that members are to be given at least 30 days notice of a proposed change to the Constitution and that this should be voted on at an Annual General Meeting with a three-fourths majority of votes required to approve the change.

Members wishing to vote, but who cannot attend, may appoint another Member as proxy to vote on their behalf. Proxy nominations should be advised to the Secretary in writing before the meeting.

Notice is hereby given that at the next Annual General Meeting on March 12, 2012 the following change will be proposed: Section 6 (g) to be replaced by the following (new wording is underlined):

"The Council shall have the power to appoint an Editor of the *Australian Entomologist*, Assistant Editors of the *Australian Entomologist*, Assistant Editors of the News Bulletin of the Entomological Society of Queensland, and an Editorial Coordinator of the *Australian Entomologist*".

Dr Judy King
Honorary Secretary

Atlas of Living Australia / Australian Museum Volunteer Portal

The Atlas of Living Australia (ALA), in partnership with the Australian Museum (AM), has developed an online Volunteer Portal for keen members of the community to help digitise, among other things, entomological collections of Museums. All from the comfort of your own computer.

See: <http://volunteer.ala.org.au/>

The aim of the project is to encourage online, or virtual, volunteers to work on the monumental task of transcribing specimen labels, field notes, and expedition diaries from various Australian museum collections, into digitised records. So far volunteers have completed 3500 individual tasks of around 6600 currently online. More volunteers are needed so please sign up and lend a hand.

Current projects involve transcribing labels for Cicadas and Hawk Moths, and field notes from the Scott Sisters, with projects for Leaf Hoppers and Plume Moths soon to be online.

Volunteer Portal home page:

http://www.ala.org.au/wp-content/uploads/2011/11/Volunteer_Portal_Entry_screen.png

Each of these projects tries to liken the experience to being out in the field with the specimen collectors of over a century ago. The more work a volunteer does in transcribing labels or diary pages, the higher their standing in the expedition. They can move through the ranks of Technical Officer, Collection Manager, and Scientist to Expedition Leader. Images of expedition personal from the past enhance the reality of being one of the team and show the formal dress standards and personal grooming habits of the past!

An example of a transcription task page:
http://www.ala.org.au/wp-content/uploads/2011/11/Volunteer_Portal_Transcribe_screen.png

Videos are available to provide more information for transcribing labels:

<http://volunteer.ala.org.au/video/Introduction.swf>
http://volunteer.ala.org.au/video/Mapping_Tool2.swf
<http://volunteer.ala.org.au/video/Transcribing.swf>

Associated Documents

Image based Digitisation of Entomology Collections. (Paul Flemons et al., TDWG 2011, New Orleans, October 2011) – [PDF](#) (919KB)

Atlas of Living Australia Report to Partners. pp: 16-17. October 2011 – [PDF](#) (2.8 MB)

Contact us

For more information about joining the program, contact:

Paul Flemons
Australian Museum, Sydney
Paul.Flemons@austmus.gov.au
+61 2 9320 6343

“Methods for Collecting, Preserving and Studying Insects and other terrestrial arthropods”

by Murray S. Upton and Beth L. Mantle.
5th Edition: 2010.

The Australian Entomological Society Miscellaneous Publication No. 3.

Although stated to be first author of this publication I wish it to be known that I was not involved in any way with the final text or the publication of it. The publication contains errors, factual mistakes, and omissions and I therefore dissociate myself entirely from this publication.

Murray S. Upton.
Canberra, December 2011.

Nominations for 2012 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 2012.

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

Secretary, Entomological Society of Queensland

PO Box 537, Indooroopilly QLD 4068

Please return forms by end of January 2012.

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 2012. 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 Nomination Form 2012

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 2012

\$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 2011 or 2012 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 Geoff Thompson at geoff.thompson@qm.qld.gov.au

Closing date for submissions is Friday 13th April 2012

Student Award Sponsors:
Tropical Fruit Fly Research Group
Griffith University

Entomological Society of Queensland

2012 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 : geoff.thompson@qm.qld.gov.au
or by mail: Geoff Thompson
Queensland Museum Entomology
PO Box 3300
South Brisbane
Queensland 4101



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 12th Lyn Cook AGM and President's Address

APR—Tuesday 10th

MAY—Monday 14th

JUN—Tuesday 12th

AUG—Monday 13th

SEP—Monday 10th

OCT—Monday 8th

NOV—Monday 12th

DEC—Monday 10th

SOCIETY SUBSCRIPTION RATES

GENERAL: Person who has full membership privileges **\$30pa**

JOINT: Residents in the same household who share a copy of the *News Bulletin*, 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

Monday 12th March 2012, 1pm

~

Annual General Meeting and President's Address

~

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 10 (Jan/Feb 2012)
due mid February

CONTRIBUTIONS WELCOME

DEADLINE - Thursday February 9th, 2012

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