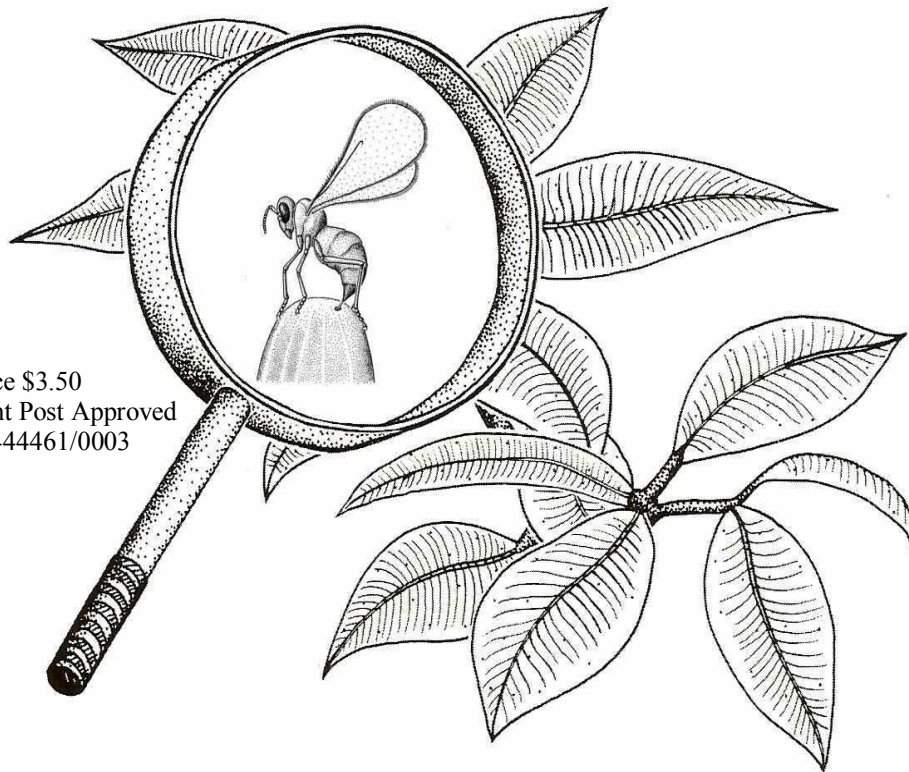


# ENTOMOLOGICAL SOCIETY OF QUEENSLAND INC NEWS BULLETIN



Price \$3.50  
Print Post Approved  
PP444461/0003

Volume 35, Issue 8, November 2007

## **ISSN 1037-2989**

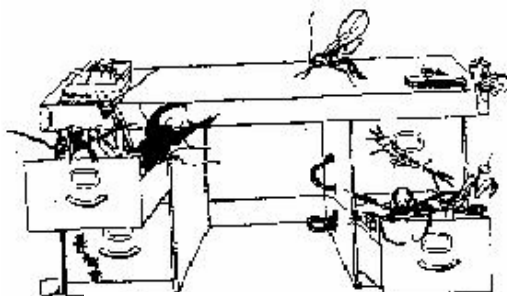
The **ENTOMOLOGICAL SOCIETY OF QUEENSLAND INC.**, since its inception in 1923, has striven to promote the development of pure and applied entomological research in Australia, particularly in Queensland. Membership is open to anyone interested in Entomology. The Society promotes liaison among entomologists through regular meetings and the distribution of a *News Bulletin* to members. Meetings are announced in the *News Bulletin*, and are normally held in the Goddard Building, University of Queensland at 7.00 pm on the second Monday of each month (March to June, August to December). Visitors and members are welcome. Membership information can be obtained from the Honorary Secretary, or other office bearers of the Society.

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 50<sup>th</sup> anniversary of the Society, is the king stag beetle, *Phalacrognathus muelleri* (Macleay), family Lucanidae. Its magnificent purple and green colouration makes it one of the most attractive of all Australia Coleoptera. It is restricted to the rainforests of northern Queensland.

**COVER:** *Trichogramma*, sp., an egg parasitoid. Drawn by Catherine Bryant.



# TABLE OF CONTENTS

<b>Minutes of Meeting</b>	<b>158</b>
<b>Main Business</b>	
<b>Origins of the Perkins Memorial Lecture</b>	<b>159</b>
<b>Notice of Next Meeting</b>	<b>161</b>
<b>People &amp; Projects</b>	
<b>Entomology has occult origins</b>	<b>162</b>
<b>BugCatch</b>	<b>164</b>
<b>Does <i>Hesperilla ornata</i> from Blackdown Tableland, central Queensland, deserve a new status? M. De Baar</b>	<b>167</b>
<b>News from Indooroopilly</b>	
- DPI &F	<b>169</b>
- USDA-ARS, Australian Biological Control Lab	<b>170</b>
<b>News from Qld Museum</b>	<b>170</b>
<b>Amended by-laws to the Society's Constitution</b>	<b>172</b>
<b>Steven R Kutcher : Bug Art</b>	<b>174</b>
<b>Book release: Biographical literature on Entomologists</b>	<b>176</b>

The issue of this document does **NOT** constitute a formal publication for the purposes of the "International Code of Zoological Nomenclature 4<sup>th</sup> edition, 1999". Authors alone are responsible for the views expressed.

# The Entomological Society of Queensland

## General Meeting November 2007

Minutes of the General Meeting of the Entomological Society of Queensland Inc. held in the Large Conference Room, CSIRO Entomology, Long Pocket Labs, 120 Meiers Road, Indooroopilly, on 12 November 2007, at 12:00 pm.

Chaired by Sassan Asgari

### **Attendance:**

Sassan Asgari, Gunter Maywald, Gio Fichera, Bradley Brown, Matthew Purcell, Tim Heard, Murdoch de Baar, Simon Lawson, Richard Bull, Chris Lambkin, Federica Turco, Geoff Thompson, Shaun Winterton, Corinna Lange, Justin Bartlett, Bill Palmer, Lynda Perkins, Belinda Walters, Shon Schooler, David Merritt, Helen Nahrung, Susan Wright, Bronwen Cribb, John Rogers, Anna Marcora, Graham Forbes, Fred McDonald, Margaret Schneider, Judy King, Desley Tree, Peter Allsopp, Bernie Franzmann, Bob Teakle, Meron Zalucki, Judy Grimshaw, Geoff Monteith, Mike Muller, Paul de Barro

### **Visitors:**

Andy Austin, Ross Wylie, Jeff Aldrich, Farah Zavahir, John Vitkovsky, Dalio Mira, James Hereward, Celine Clech-Goods, Karen Bell, Jacinta Mills, Alice Yeates, Jessica Worthington Wilmer, Richard Chan, Andrew Hulthen, Chengyuan Xu, Lynita Howie, Babak Zahiri, Amanda Carter.

### **Apologies:**

Don Sands, Mike Furlong, Ross Kendall, John Goolsby, Felix Bianchi, Gary Fitt, Nancy Schellhorn.

### **Minutes:**

The minutes of the October ordinary General Meeting were circulated in the News Bulletin Vol. 35 Issue 7. It was moved by Chris Lambkin, seconded by Richard Bull, that the minutes be accepted without amendment.

### **Nominations:**

The following nomination for membership were received and approved by Council, and were put before the meeting for election:

Mr. Mark Schutze

*Entomological Society of Queensland*

Dr. A.G. Orr

In accordance with Society rules, the nominees were elected by a show of hands.

**General Business:**

None.

**Main Business:**

**ORIGIN OF THE PERKINS MEMORIAL LECTURE**

Geoff Monteith explained the background to the Perkins Memorial Lecture which is presented by an invited speaker every two years to honour the memory of Frederick Athol Perkins. Perkins was born in 1897 and was trained at University of Sydney during the years of WWI. He was initially employed by the NSW Agriculture Department but in 1922 took up a research fellowship at the University of Queensland to study the fruit fly problem at Stanthorpe. He gave the first ever lecture to the newly formed Entomological Society of Queensland in 1923 on "The Queensland Fruit Fly Problem". In 1926 he became the inaugural Lecturer in Entomology at the University's newly formed Agriculture Department and in 1952 became Head (as Reader-in-Charge) of the first autonomous Entomology Department in an Australian University. He served in that capacity until his retirement in 1965 and oversaw the training of two generations of entomologists at the University of Queensland, many of them going to employment in other states. He was a strong supporter of the Society, being Secretary for 10 years, President in 1944 and an honorary member from 1965 until his death in 1976. Woebetide any of his students who did not join the society and attend meetings regularly! Pat Marks, in writing his obituary, said of Athol Perkins "*He influenced Queensland entomology for half a century in a way that no single entomologist is likely to emulate*". A photograph of Perkins, surrounded by his students, is shown p. 160.

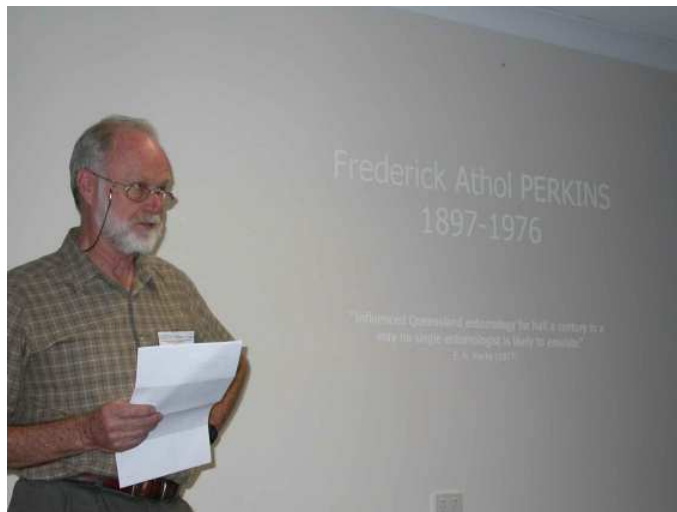
Sassan introduced this year's presenter, Dr. Andrew Austin from the Australian Centre for Evolutionary Biology and Biodiversity (ACEBB), University of Adelaide. His talk was titled: "***Taxonomy, biology and DNA - essential components for studying the evolution of insects: lessons from the parasitoids***".

*Transcript for the Lecture was not available at time of printing. Apologies – Ed.*

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Frederick Athol Perkins, taken about 1963 on a student collecting trip to Lamington National Park. With him are (from left) Patricia Webb (later Woodcock), Elizabeth Bernays, Katherine Korboot (later Zelonis). Kneeling in front, Joan Bryan.



Geoff Monteith presenting introduction to Perkin's Lecture

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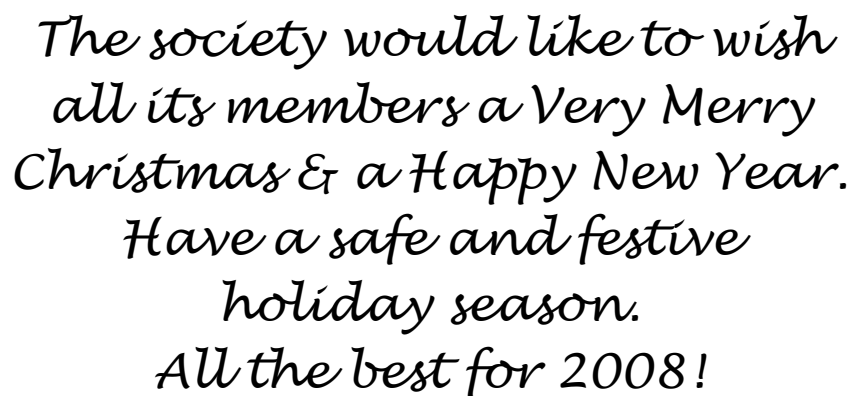
# Notice of Next Meeting

**Monday 10th December 7pm 2007**

Room 388, Goddard Building  
University of Queensland, St Lucia

## Notes and Exhibits

Bring your beasts and questions to  
the meeting.



*The society would like to wish  
all its members a Very Merry  
Christmas & a Happy New Year.  
Have a safe and festive  
holiday season.  
All the best for 2008!*

# People & Projects

## Entomology has occult origins

The modern day study of insects has roots in showmanship, magic and the occult, says an academic who is researching the rise of entomology in 18th century England.

In a recent research seminar, Associate Professor Deirdre Coleman from the University of Sydney's English department, described how insect collectors, performers and exhibitors proliferated during this time.

The burgeoning fascination with the insect world was driven by exploration, colonialism and an interest in classification spearheaded by the Swedish scientist Carl Linnaeus, who set the scene for Darwin the following century.

But it was also a product of so-called 18th century "spectacle society" and the hunger for bizarre new things from distant and exotic lands, says Coleman.

And 18th century insect-mania reflected the almost occult nature of insect life, such as the ability to change form.

"Early modern entomology, with its scrutiny of some of the insect's unfathomable processes, such as the alchemy of metamorphosis, forms a rich site for exploring the persistence of science's repressed magical origins," she says.

Coleman says science intersected with magic, the circus and the fairground during the 18th century.

"You get a lot of quacks and charlatans going around with the latest technology, sort of magic lantern shows, and insects often featured in these," she says.

One of these was Prussian insect performer Gustavus Katterfelto, a "conjurer and travelling showman" who projected fantastically magnified images of insects onto a screen using a solar microscope while stroking a black cat.



Advertisements for his performances promised London audiences "Wonderful Wonders, Wonders and Wonders", Coleman says.

He also purported to have identified what he claimed were the insects responsible for a flu epidemic in 1782 in which many Londoners died.

"He was then able to sell people medicine bottles which he said had captured the essence of the insects," she says.

Another celebrated 18th century insect act involved uncle and nephew team Thomas and Daniel Wildman, who performed in the 1770s with troupes of trained bees.

Daniel's speciality involved riding a horse with a "mask of bees" on his face while drinking a glass of wine.

He would then fire a pistol, sending the bees back to their hive.

"That was the mystery of his act, how he managed to have such total control over the bees," Coleman says.

Even the more respectable insect collectors and exhibitors had a sensational flavour.

Coleman describes termite expert Henry Smeathman, a self-taught natural historian who travelled to the Banana Islands in West Africa, as an imperial fly catcher.

Smeathman was generously supported by rich patrons, who paid him to go to dangerous parts of the world and bring back prizes like exotic beetles or giant moths, which themselves attracted "a rather macabre high price" because so many people had perished collecting them before him.

Coleman discusses insects and colonialism in her book *Romantic Colonization and British Anti-Slavery*, published by Cambridge University Press this year.

**Judy Skatssoon**

**Thursday, 2 June 2005**

**ABC Science Online**

**<http://www.abc.net.au/science/news/stories/2005/1375970.htm>**

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## **GLEN WITHEREN & SARABAH NATIONAL PARK**

### **BUG-CATCH: Friday, Saturday, and Sunday November 2-4**

A last minute closure of Yandooya meant a change of venue for the November 2007 Bug Catch. Thankfully the Curtis Family allowed us to use their property, "Glen Witheren", near Canungra, with a campsite right on the edge of Sarabah National Park. This is a small, non-public NP which preserves a rare patch of the Black Bean and Red Cedar rainforest which once grew on all the alluvial flats of Canungra Creek. Most were cleared for cultivation by the first settlers because the soil was so good, but this patch was kept by the Curtis family and donated some years ago as a NP. We also had access to a much larger patch of dry hoop pine rainforest on the other side of the creek and lots of eucalypt forest to wander around in.

This was the Queensland Entomological Society's twelfth BugCatch trip and was organized by Geoff Monteith and Chris Lambkin in conjunction with Jenny Greenland from the Environmental Protection Agency. Jenny Greenland and her family, Chris Lambkin, Dot Lim, Rachel McFadyen and her friend Kay, Geoff Monteith, John Moss, Michael Ramsden and his daughter, Noel Starick, and Richard Zietek camped on flat grassy campsites right beside the creek which was flowing well after recent rains and was frequently used for swimming. Dot and the various children had an enjoyable afternoon on Saturday catching many insects and their immatures in the creek, including dragonflies, damselflies, mayflies, and caddisflies. However, Geoff was roped in to find the Dobson fly larvae. Some of the lucky ones saw a platypus.

The insects were really moving after the rains, especially the Caper Whites, and their larvae were stripping the *Capparis* trees in the scrub. Fourbar swordtails were also laying on their food plant. Another lepidopteran event occurred when Christine and Noel awoke in their caravan on Saturday morning to find it filled with roosting Granny's Cloak Moths (*Speiredonia spectans*) which had flown in before dawn.

We had four mercury vapour lights running at night to bring in the insects. Notable were the stiletto flies, mantispids, some very large click beetles (*Calais gibboni*), introduced dung beetles and of course the aquatic caddis flies, dobson flies, alder flies, mayflies and stoneflies. Not as many moths were captured as were expected under such warm and sticky conditions. Dot managed to collect a couple of one of the rare spilopyrine chrysomelid (*Macrolema s.*) from *Cryptocarya triplinervis* at night, but despite a great deal of effort by Dot and Geoff, no more specimens were taken to confirm the host record.

Geoff placed 10 dung baited pitfalls and 3 malaise traps were set by Chris and Noel on the Friday in various habitats, and left for the three days. Daytime collecting using diverse methods such as sweep netting, beating, digging, log rolling, and direct search in the hot and muggy conditions produced many butterflies, some beeflies, and Michael and his daughter Tellene found some passalid beetles in rainforest logs. A list for the day will be sent to the EPA.

**Chris Lambkin and Geoff Monteith**

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1. The jewel bug, *Cantao parentum*, on berries of its food plant, *Mallotus philippensis* (Photo: Dot Lim).



2. A nest of the symbiotic ant, *Podomyrma* sp, in a hollow twig of its host plant, *Psydrax odoratum* (Photo: Dot Lim).

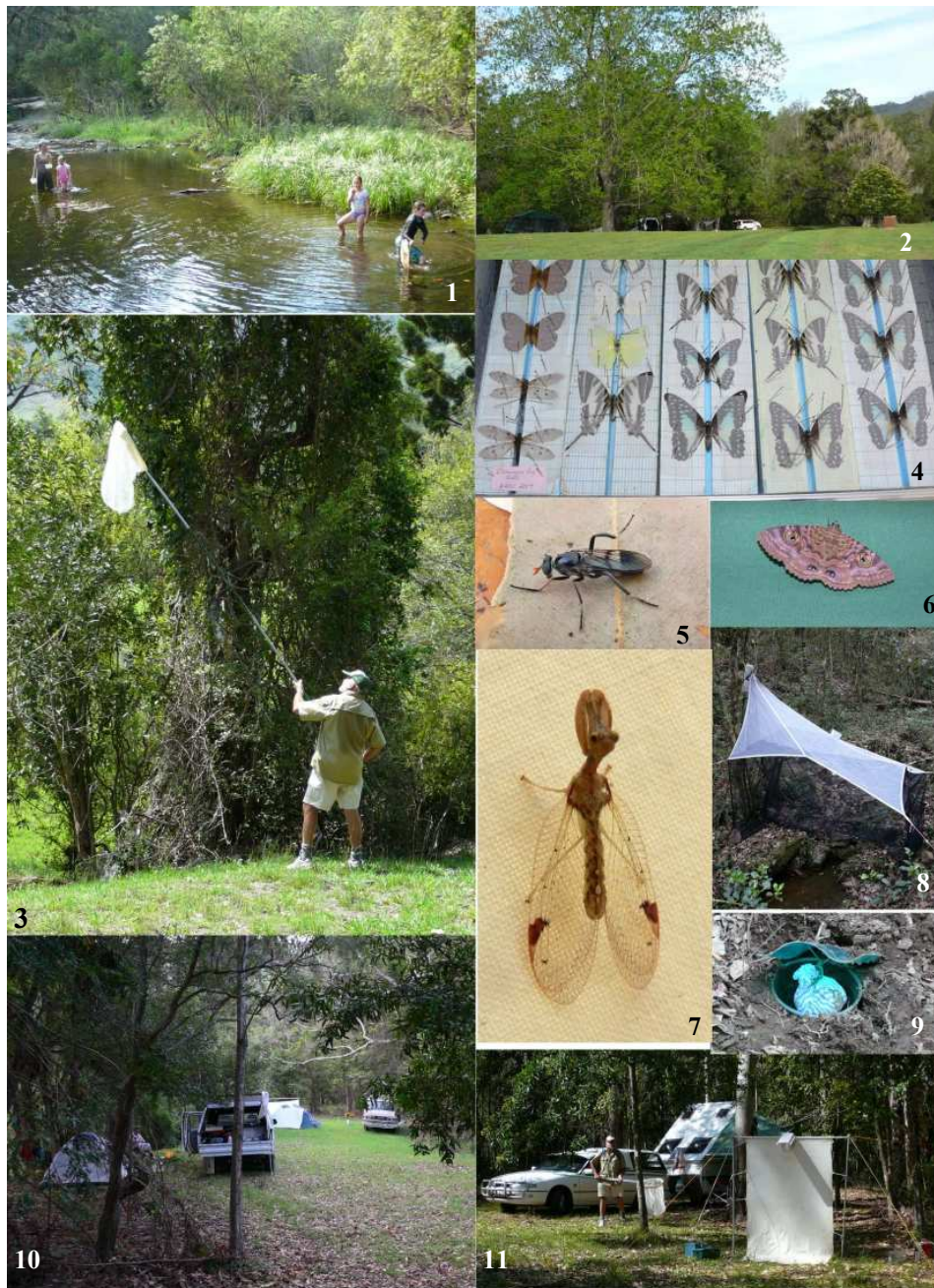


3. A bulldog ant (*Myrmecia flavicoma*) with a katydid nymph (Photo: Tellene Ramsden).



4. Tellene Ramsden and Chloe Haines enjoying the creek (Photo: Michael Ramsden).





1. Dot and the girls catching aquatic insect immatures. 2. Monteith and Greenland camp. 3. Noel catching Fourbar Swordtails. 4. Noel's setting board. 5. Stiletto fly, *Ectinorhynchus pyrrhotelus* (for the moment). 6. Granny's Cloak Moth in the caravan. 7. A mantispid at the light trap. 8. Malaise trap in rainforest near pool. 9. Dung trap. 10. Ramsden/Zietek/Moss camp and light sheet. 11. Lambkin/Starick camp and light sheet. (Photos by N.Starick (2) and C. Lambkin (1)).

**Does *Hesperilla ornata* from Blackdown Tableland, central Queensland, deserve a new status, or is it just a variation of *Hesperilla ornata ornata* (Leach)?**

by Murdoch De Baar (debaar@powerup.com.au).

The Spotted sedge-skipper, *Hesperilla ornata* bred from Blackdown Tableland, are isolated from *H. o. monotherm* Lower; probably present as a disjunct population of *H. o. ornata*; have different pupae; but vary little from *H. o. ornata*, as adults.

Braby (2000) has discussed the pupal caps of *H. ornata*, indicating that the north western populations from White Mts, Kroombit Tops and Blackdown Tableland vary from the pupal anterior projections of the remaining *H. o. ornata* pupae, and also vary between these populations.

Below I have some photographic comparisons of some different populations. Specimens from Kuranda and Paluma, north Queensland, belong to *H. o. monotherm*. The remaining southeast Queensland specimens from Beerburum and Mt Coot-tha are regarded as *H. o. ornata*.



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The sexbrand of the above illustrated Blackdown Tableland specimen appears different (thicker) from that of the other specimens, but microscopic examinations of a number of specimens, show it is within the variations of other *H. o. ornata*.

The pupae of the Blackdown Tableland specimens however, show considerable differences from that of other locations. Pupal cap projections are thicker, longer, and tips are inwardly recurved.



*Hesperilla ornata* pupae from left:  
Mt Coot-tha; Blackdown Tbl.; Blackdown Tbl.; Paluma.



Above: Close-up view of a Blackdown Tbl. pupa, shows curious pupal cap projections.

### Conclusion

I make no conclusions. I am presenting some data for the readers to ponder on. Do we have sibling species or is this accepted as just variations? What do you think?

### Reference

Braby, M.F. 2000. Butterflies of Australia, their identification, biology and distribution. CSIRO Publishing, Collingwood, Vic.

## NEWS FROM DPI&F INDOORROOPILLY

Pat Collins, Greg Daglish and Manoj Nayak travelled to Melbourne to participate in a Science Exchange organised by the CRC for National Plant Biosecurity for 15-16 November 2007. All three attended meetings to review current projects relating to stored grain and projects under development. In addition, Pat presented an overview of post-harvest grain research in the CRCNPB and Greg spoke about research on phosphine fumigation of cool grain. There have been on-going discussions with Assoc. Prof. Paul Ebert and Assoc Prof Gimme Walter of UQ to discuss continuing and future research collaboration. Stephen Beckett (CSIRO) visited the team to give an overview of his recent research and to discuss potential collaboration. Greg and Manoj have been busy putting final touches on new project proposals for submission to the CRCNPB.

DPI&F insect collection is doing business as usual, handling numerous identifications for DPI&F field stations around the state along with other scientific agencies and the general public. John Donaldson is coming into the collection one day a week in his retirement as a collection associate where he continues his research on Australian hard scales (Diaspididae). Shaun Winterton attended the recent Taxonomy Forum in Sydney and will be attending the Biodiversity Conference in Brisbane before heading to the Illinois Natural History Survey (USA) to work with Dr Donald Webb on a Lucid key to world genera of stiletto flies (Diptera: Therevidae). We are doing routine collecting again with recent excursions to Bribie Island heathland and Brisbane Forest Park. Gunter Maywald is continuing his thesis work on paropsine leaf beetles and is spending considerable time in the DPI&F collection when he is not on campus at UQ. Justin Bartlett and Paul Malloy are continuing checking DPI&F specimen data entered into the Australian Plant Pest Database as part of this year's validation project. Justin is also continuing his studies on Australian Cleridae (Coleoptera) as part of his Masters degree at UQ, including phylogenetic studies and developing a interactive key to Australian genera. Collection manager Delsey Tree is attending the Molecular Evolution course at UQ in December and is developing her skills as an up and coming thrips expert under the mentorship of Dr Laurence Mound from ANIC.

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With the shift to quarantine surveillance and rapid diagnostics of pest incursions, DPI&F insect collection is developing its reference of exotic plant feeding insects from around the world through formal collection exchanges. We recently shipped off over 600 specimens of pinned and slide mounted insects from the collection to the California State Collection of Arthropods (CSCA) in Sacramento California. All species are native to Australia and specimens accurately identified to species level. These insect specimens represent common plant feeding species in Australia. Through the formal exchange CSCA will provide a similar number of plant feeding insects from the Nearctic region. This is a valuable addition to developing our reference collection of potential future incursion candidates. We are developing similar collection exchanges with insect collections in Indonesia, Israel and South Africa.

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## USDA ARS AUSTRALIAN BIOLOGICAL CONTROL LABORATORY— INDOOROPILLY

Tony Wright and Matthew Purcell attended a review of the *Lygodium* (climbing fern) Project in Fort Lauderdale, Florida at the end of October. Bradley Brown and Matt Purcell recently travelled to North Queensland to survey for biocontrol agents of the broad-leaved paperbark tree, *Melaleuca quinquenervia*, and Casuarina. Jeff Makinson and Tony Wright are currently in Hong Kong collecting lepidopteran stem-borers of *Lygodium microphyllum* for quarantine evaluation.

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## Queensland Museum News

### Award for Rudy Kohout

Congratulations to long standing Queensland Museum Honorary Research Fellow, Rudy Kohout, who received a special surprise award in India in October. Rudy works with the taxonomy of the diverse and conspicuous ant genus *Polyrhachis* ("spiny ants") and gives valuable taxonomic support to many workers, especially in SE Asia, who work with the ecology and behaviour of these fascinating ants. Rudy was invited to attend the 6th International Conference on Ants and other Social Hymenoptera organised by the ANeT (International Network for the study of Asian ants) in Patiala, India



where he presented the newly completed Register of *Polyrhachis* ants of South East Asia and co-authored, with Simon Robson of JCU Townsville, a paper on evolution of nesting behaviour in *Polyrhachis*. During the opening ceremony Rudy was presented with an engraved silver plate and honoured by a ceremonial shawl wrapped around his shoulders 'for contribution to the field of Myrmecology' (see photo). Rudy was also thanked for his cover design of the group's new journal, *Asian Myrmecology*. Well done, Rudy!

Jenny Beard & Owen Seeman had Lanni Zhang (Northern Territory Department of Primary Industries) visit us for a week of training in the diagnostics of spider mites, especially *Tetranychus*. Lanni had won a scholarship through the Office of the Chief Plant Protection Officer's "National diagnostic training scheme" and as part of her program she came to visit; apparently Jenny & Owen are now Australia's experts on the taxonomy of the genus. They attained such notoriety thanks to a previous project, funded by Plant Health Australia, to develop diagnostic protocols for exotic pest and native species of *Tetranychus*.



A very excited Rudy Kohout receiving award from ANeT representatives. Congratulations Rudy.

Jenny Beard and Lanni Zhang share a moment at the microscope.



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# Amended by-laws to the Society's Constitution

At the October 2007 Council meeting Council discussed the need to add several by-laws to the constitution to clarify some points and to improve the operation of the Council. These by-laws were drafted by Peter Allsopp and Geoff Monteith and approved by the council at the November meeting. The approved by-laws are as below. You can also access the constitution and by-laws by visiting this website: <http://www.esq.org.au/>.

## 6. Sustaining Associates

Sustaining Associates are corporate entities or other organisations who support the objectives of the Society, i.e. "the furtherance of pure and applied entomological science". Any proposal to become a Sustaining Associate should be presented at a meeting of the Council and should be approved by a two-thirds majority of the Council. Sustaining Associates pay a contribution to the Society fixed by the Council at the same time as membership subscriptions are set.

Sustaining Associates do not have the Privileges of Membership defined in clauses 4(a), (b), (c) and (e) of the Constitution, but do receive one copy of every issue of the Society's *News Bulletin* published during the year whilst they remain a financial Sustaining Associate.

Employees of Sustaining Associates have the right to attend meetings of the Society as Visitors.

## 7. Society Records

Long-term protection of the records of the Society provides an important resource for historians. In 2007, the John Oxley Library took custody of the Society's records up to 2002.

Every 2 years, the Society's Secretary should send records older than 5 years to the John Oxley Library for archiving.

## **8. Procedure for Decision Making in the Society**

The following shall be the procedure for decision making in all meetings of the Council, and General, Annual General and Committee meetings of the society:

1. For minor non-financial matters, and with the agreement of all present, matters may be resolved, following the opportunity for discussion, by simple show of hands.

2. In the case where: (a) the matter is a substantive one, or  
(b) the matter involves disbursement of Society funds, or  
(c) a member present requests a formal motion

the matter will be put to the meeting as a formal motion moved and seconded by members from the floor of the meeting. The Chairman will impartially facilitate discussion by all members present who wish to speak to the matter, and will independently give his own views. Following discussion, the matter will be put to a vote. The Chairman shall have a deliberative vote. The matter will be resolved by a simple majority - if votes are equal, the motion is lost.

3. Urgent Council matters may be dealt with between meetings only on the following basis:

(a) Chairman and/or Secretary attempt to contact personally all Council Members by email/telephone and inform them of the nature of the matter and the reason for urgency. If a quorum is reachable and a majority is in favour, then the matter can be proceeded with. If not then the matter lapses.

(b) At the same time agreement should sought on whether the matter be dealt with by (i) Special Council Meeting (preferable), or (ii) Telephone Conference, or (iii) Email

Discussion. In the case of (i) or (ii), the matter should be dealt with as outlined in (2) above. In the case of (iii), the matter should be dealt with as in (4).

4. Decision by email discussion. Every attempt should be made to determine that at least a quorum of Council Members will be available to be emailed at a specified time. A motion on the matter should be sought from a mover and seconder drawn from the floor. A non-voting period of at least 24 hours is then given for all participating members to state their views to all other members. All views and all comments should be sent to 'All' parties. At the end of the agreed period, a vote is taken and the matter is resolved by a simple majority.

5. In all cases where decisions are made between formal meetings, the matter should be recorded at the following formal meeting.



## Steven R Kutcher : Bug Art

### "BUG ART" DVD

- Written, Produced, and Directed by Steven R Kutcher
- Art Created by Steven R Kutcher and Insect Friends
- Edited by Dan Frankel
- Pianist: Joe Spiro
- Music: "Song Without Words," Number 46 in G-Minor by Felix Mendelssohn
- Produced through the facilities of Time River Productions and Pasadena Community Access Corp.



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Steven Kutcher is an artist, entomologist, teacher, lecturer, consultant, and environmentalist. He is world-renowned as an entomology consultant working with arthropods in feature films and television and commercial productions. He appeared in *The Garry Shandling Show* (nominated for an Emmy), *The Scoop* (Great Britain, episode won BFTA), and many international interviews (filmed and in print). He has spoken at many universities, schools, and organizations and currently teaches biology at West Los Angeles Community College. He is active in educational entomology and outdoor education programs.

Steven had an early interest in both insects and art. At the age of four he collected fireflies and wild berries in the Catskill Mountains in New York. Also when he was a child, he received a professional watercolour set. Steven moved to California at the age of five. In 1976, after graduating with his master's degree, he became involved with a Long Beach art gallery, where he exhibited drawings and watercolour. In 1985 he made fly track footprints for a Steven Spielberg TV show.

In *Bug Art*, the movie, pigment and natural movements as exhibited by insect footprints are creatively transformed into uniquely enchanting works of contemporary fine art.

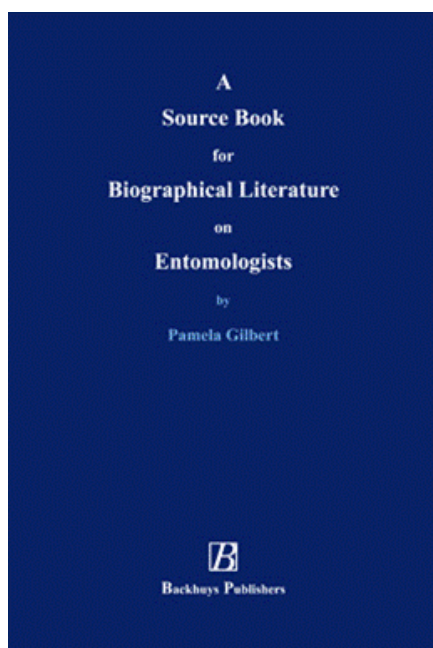
Arthropods are essential for life on earth. Insect footprints are small and touch every part of the living terrestrial world, but insect footprints are transitory and leave little trace.

The movie begins by showing abstract colour forms in water that symbolically introduce the ephemeral nature of the insect footprint. The history of bug art is then explained. A beetle is captured as an example of field-collecting a "co-artist." Steven uses the beetle in his studio to create a painting by manipulating the beetle's movement; Steven is a world-renowned expert in insect behaviour, an understanding of which is essential to create a piece of bug art. Insects tracking paint from their feet are recorded in extreme close-up from the side and other views. Steven's various materials and methods of art creation are shown; insects are his "moving brushes" used to create the art. Cleanup of the insect is demonstrated; care is taken not to harm the insect. Examples of art using seven different insect species are shown along with brief comments about each piece of art.

Bug art becomes a microcosm, and the footprints in that world are the handwriting of the artist. Kutcher is currently experimenting with insects and new techniques to create this enchanting visionary art by making the invisible world visible.

To purchase this DVD or to check the availability of any of the artworks for purchase, please visit <http://www.bugartbysteven.com/index.htm>  
"Bug Art: The Movie" is also available through [Acorn Naturalists](#) and [BioQuip](#).

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## A Source Book for Biographical Literature on Entomologists

by Pamela Gilbert

2007, vii, 794 p., paperbound

ISBN 978-90-5782-186-8 Euro 120,-

**[http://www.euronet.nl/  
users/backhuys/](http://www.euronet.nl/users/backhuys/)**

### **Contents:**

**Foreword - Introduction - Sources and Format - Acknowledgements -  
References - Supplement - Addendum**

This brand new addition to the secondary literature on Entomologists is a labour of love by a greatly respected entomology librarian (retired, of the Natural History Museum, London), and at the same time a very efficient tool for research into the literature references providing biographies, bibliographies, portraits, and any other details on deceased entomologists before the end of 2004.

It starts with an introduction, giving information on sources, format, and references used, followed by 615 pages of references. The Supplement contains a list of the names that appear in *A Compendium of the Biographical Literature on Deceased Entomologists*, published in 1977, for which there are no additional references in the present work. The Addendum lists information from two historical works on entomology published in 2006, which could not be included in the main text.

This will be a benchmark reference volume for the decades to come, and should be present in the libraries of all those who share an interest in the history of entomology.

**Backhuys Publishers / PO Box 321 / 2300 AH Leiden / The Netherlands /  
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[info@backhuys.com](mailto:info@backhuys.com)**

*Entomological Society of Queensland*

### **DIARY DATES 2007**

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

December 10th      Notes & Exhibits

### **IMPORTANT NOTICE**

The official address for the Entomological Society of Queensland and *Australian Entomologist* and to which all communications should be addressed is:

**PO Box 537, Indooroopilly 4068, Qld.**

.....  
Sustaining associate of the News Bulletin:

**TROPICAL FRUIT FLY RESEARCH GROUP, GRIFFITH UNIVERSITY**  
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*Entomological Society of Queensland*

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**NOTICE OF NEXT MEETING**

The next meeting of the Society will be held at **7:00 pm** on **Monday, 10th December** in **Room 388**, GODDARD Building, University of Qld. The main business will be **Notes & Exhibits**. Refreshments will be served before the meeting at 6:30 pm in the tea room, Level 2 of the Goddard Building (to the right of the main stairs), with a gold coin donation required. No donation is required to attend the talk alone.

**VISITORS ARE WELCOME**

**HONORARY LIFE MEMBERS OF THE SOCIETY**

R.A.I. Drew

D.L. Hancock

M.J. Harslett R.P.

D.S. Kettle

R. P. Kleinschmidt