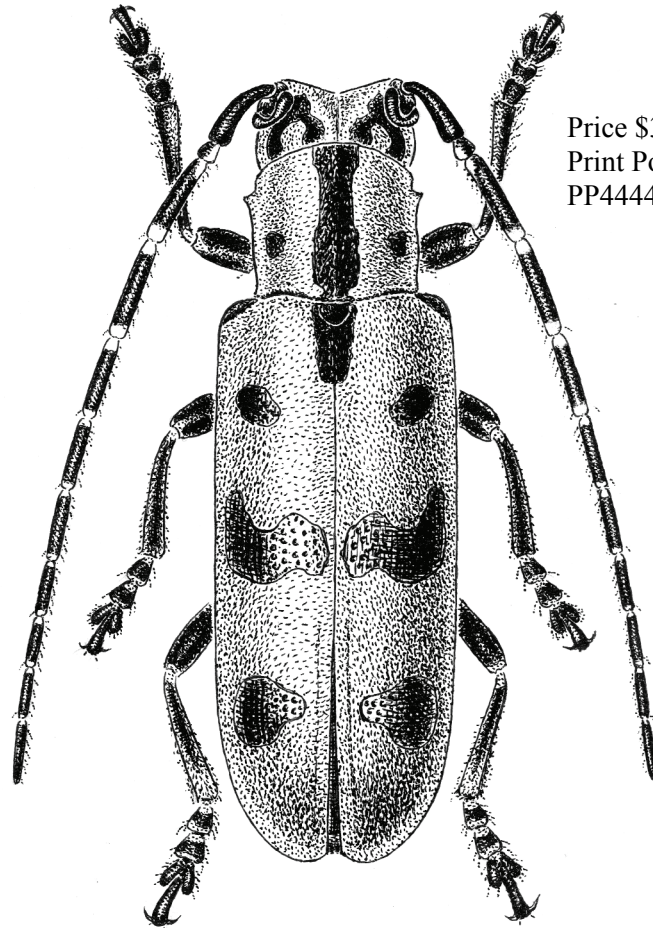


ENTOMOLOGICAL SOCIETY OF QUEENSLAND INC NEWS BULLETIN



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THE ENTOMOLOGICAL SOCIETY OF QUEENSLAND

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Front cover illustration: Habitus of *Zygrita diva* Thomson (Coleoptera: Cerambycidae), the lucern crownborer—artist William Manley, scanned from original illustration
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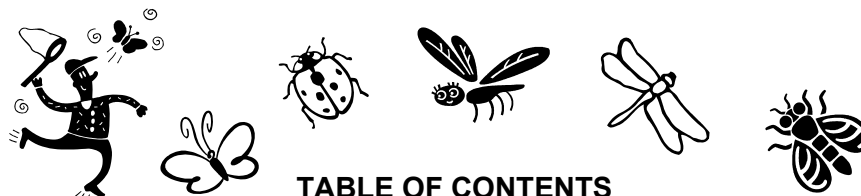


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The **ENTOMOLOGICAL SOCIETY OF QUEENSLAND INC.**, since its inception in 1923, has striven to promote the development of pure and applied entomological research in Australia, particularly in Queensland. The Society promotes liaison among entomologists 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 Large Conference Room, CSIRO Entomology, Long Pocket Labs, 120 Meiers Road, Indooroopilly, on Monday November 8, 2010.

Chair: Matt Purcell

Attendance: Sarah Corcoran, Bill Crowe, Gio Fichera, Stephen Francis, Judy Grimshaw, Tim Heard, Judy King, Trevor Lambkin, Bradley McNeil, Matt Purcell, Nancy Schellhorn, Geoff Thompson, Desley Tree, Federica Turco, Ross Wylie.

Visitors: Richard Chan, Alejandro Costamagna, Manon Griffiths, Luke Halling, Cassie Jansen, Rieks van Klinken, Simon Lawson, A. Mira, Justin Murray, S. Raghu, Warwick Roe, Martin Shivas.

Apologies: Justin Bartlett, Richard Bull, Lyn Cook, Gary Fitt, Graham Forbes, Ross Kendall, Christine Lambkin, Morris McKee, Penny Mills, Geoff Monteith, John Moss, Mike Muller.

Minutes: The minutes of the last General Meeting were circulated in News Bulletin Vol. 38, Issue 7, October 2010.

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

Seconded: Gio Fichera.

Nominations for Membership:

Mr Glenn Leiper, Beenleigh Qld. Nominated by Ross Kendall, seconded by John Moss.

Mr Cory Dale, Bethania Qld. Nominated by Chris Moeseneder, seconded Geoff Monteith

Mr Col Bowman, Bauple Forest, Qld. Nominated by Ross Kendall, Seconded by John Moss

The nominees were elected unanimously.

General Business:

1. Reminder that the December meeting is Notes and Exhibits and a BBQ. Presentations (10-15 minutes) are welcome – please contact Matt or Judy with your presentation title.

2. Don Sands will be resigning from his position as Endangered and Protected species permits Officer at the end of the year. ESQ will not be nominating another Officer.

3. Meetings in 2011 will be held at the new centre at Boggo Rd. The exact location within the complex will be advised in the Bulletin early next year. Street parking is available around the site for a maximum of two hours. Public transport (train or bus) is also available. There is limited on-site visitor parking (20 spaces), but it must be booked in advance.

Main Business

Australia's Most Unwanted

Bill Crowe, AQIS

The Australian Quarantine and Inspection Service (AQIS) operational costs are mainly recovered via industry fee for service charges. Biosecurity requires a shared responsibility and partnership with industry and this was re-enforced by the Beale Review (2008) which confirmed the importance of industry and the community in the Biosecurity continuum.

AQIS employs (approximately 3,300 inspectors around Australia) and, nationally, AQIS entomologists, identify more than 20,000 pests and plant pathogens each year from imported vessels and cargo. Approximately 70% of these are exotic or of unknown status in Australia. AQIS entomologists are required to be good generalists as



a consequence of the diversity of pests arriving at the border. Specialist networks are needed to deal with new pests regularly intercepted that challenge current diagnostic capacity. Taxonomic networks and new technologies (e.g. RD) are critical for effective diagnosis of pests and diseases and analysis of biosecurity risks.

Australia's geographic isolation has provided a natural barrier to the entry of many plant and animal pests and diseases but increasing travel and trade threatens Australia's pest and disease free status. Travel and trade are increasing again as a result of the strong Australian economy and high Australian dollar.

Program area	Approximate import volume (2009)
Airports	15 M passengers
Seaports	13 000 vessels
Mail	500 000 article referrals
Sea Cargo	4 M shipping containers (TEU) Australia wide
Air Cargo	150 000 consignment referrals

Some of the more significant pest identifications completed by AQIS entomologists over the past 12 months are listed in the following table:

Pest	Origin	Commodity	Method of Import
Asian longhorn beetle (<i>Anoplophora glabripennis</i>)	China	Packing timber	Sea cargo
Asian rhinoceros beetle (<i>Oryctes rhinoceros</i>)	Indonesia	Personal effects	Air baggage
Bark & ambrosia beetles (<i>Gnathotrichus retusus</i> , <i>Orthotomicus angulatus</i> , <i>Phloeotribus oleae</i> , <i>P. scarabaeoides</i> , <i>Trypodendron lineatum</i> , <i>Xyleborus</i> spp.)	Various countries	Packing timber mainly	Sea cargo
Burnt pine longicorn (<i>Arhopalus fesus</i>)	New Zealand	Ship deck	Sea cargo
Coffee berry borer (<i>Hypothenemus hampei</i>)	Brazil	Green coffee beans	Sea cargo
Khapra beetle (<i>Trogoderma granarium</i>)	Sri Lanka	Coriander seed	Sea cargo
Japanese pine sawyer (<i>Monochamus alternatus</i>)	China	Wood packing material	Sea cargo
Yellow-spotted longicorn (<i>Psacothia hilaris</i>)	Japan	Packing timber	Sea cargo
Auger beetles (<i>Heterobostrychus aequalis</i> , <i>H. hamatipennis</i> , <i>Sinoxylon conigerum</i> , <i>S. crassum</i> , <i>S. indicum</i> , <i>Xylocis tortilicornis</i>)	Various countries	Packing timber mainly	Sea cargo
False powderpost beetles (<i>Dinoderus bifoveolatus</i> , <i>D. brevis</i> , <i>D. ocellaris</i>)	Various countries	Furniture mainly	Sea cargo
Asian tiger mosquito (<i>Aedes albopictus</i>)	PNG	Machinery	Sea cargo

Pest	Origin	Commodity	Method of Import
Dengue mosquito (<i>Aedes aegypti</i>)	Various countries	Containers & pots	Sea cargo
Human botfly (<i>Dermatobia hominis</i>)	Costa Rica	Human	Air passenger
Narcissus fly (<i>Merodon equestris</i>)	UK	Narcissus bulbs	Mail
Onion maggot (<i>Delia antiqua</i>)	China	Garlic	Sea cargo
Philippine fruit fly (<i>Bactrocera philippensis</i>)	Philippines	Vegetable material	Air baggage
Brown marmorated stink bug (<i>Halyomorpha halys</i>)	USA	Cardboard	Sea cargo
Western conifer bug (<i>Leptoglossus occidentalis</i>)	Canada	Sawn timber	Sea cargo
Yellow-spotted stink bugs (<i>Erthesina fullo</i>)	China	Containers (internal)	Sea cargo
Asian honey bee (<i>Apis cerana</i>)	PNG	Empty flat racks	Sea cargo
Black carpenter ant (<i>Camponotus pennsylvanicus</i>)	USA	Boats	Sea cargo
Electric ant (<i>Wasmannia auropunctata</i>)	Solomon Islands	Taro	Air cargo
Giant honey bee (<i>Apis dorsata</i>)	Malaysia	Machinery	Air cargo
Red imported fire ant (<i>Solenopsis invicta</i>)	USA	Machinery parts	Sea cargo
Yellow crazy ant (<i>Anoplolepis gracilipes</i>)	Fiji	Baggage	Air baggage
Asian subterranean termite (<i>Coptotermes gestroi</i>)	Various countries	Used yachts & packing material	Sea cargo
Dampwood termites (<i>Rugitermes panamae</i>)	Panama	Used yacht	Sea cargo

Pest	Origin	Commodity	Method of Import
Formosan termite (<i>Coptotermes formosanus</i>)	Various countries	Used yachts	Sea cargo
Pacific dampwood termite (<i>Zootermopsis angusticollis</i>)	Canada	Sawn timber	Sea cargo
Western drywood termites (<i>Incisitermes minor</i>)	USA	Used yachts	Sea cargo
West Indian drywood termite (<i>Cryptotermes brevis</i>)	Various countries	Used yachts	Sea cargo
Asian gypsy moth (<i>Lymantria dispar</i>)	Russian Federation	Ship structures	Sea cargo
Navel orangeworm (<i>Amyelois transitella</i>)	USA	Oranges	Sea cargo
Jasmine bud worm (<i>Hendecasis duplifascialis</i>)	Kenya	Fresh Khat (<i>Catha edulis</i>) leaves	Air cargo
Egyptian locust (<i>Anacridium aegyptium</i>)	Italy	Containers (internal)	Sea cargo
Bean thrips (<i>Caliothrips fasciatus</i>)	USA	Navel oranges	Sea cargo
Khat thrips (<i>Kenyattathrips katarinae</i> sp. nov.)	Kenya	Fresh Khat (<i>Catha edulis</i>) leaves	Air cargo
Black widow spider (<i>Latrodectus mactans</i>)	USA	Used cars	Sea cargo
Sheep tick (<i>Ixodes ricinis</i>)	Europe	Live dogs	Air cargo
Mitten crab (<i>Eriocheir sinensis</i>)	China	Live crabs (foodstuffs)	Air baggage
Giant African snail (<i>Achatina fulica</i>)	PNG	Cargo containers	Sea cargo
Golden apple snail (<i>Pomacea canaliculata</i>)	PNG	Cargo containers	Sea cargo

Pest	Origin	Commodity	Method of Import
Korean round snail (<i>Acusta despecta</i>)	China mainly	Cargo containers	Sea cargo
Black spined toad (<i>Bufo melanostictus</i>)	Indonesia	Ship hold	Sea cargo
Cuban tree frog (<i>Osteopilus septentrionalis</i>)	USA	Used yachts	Sea cargo
Painted bullfrog (<i>Kaloula pulchra</i>)	China	Steel	Sea cargo
Reticulated python (<i>Python reticulatus</i>)	Thailand	Container (internal)	Sea cargo
Flat-tailed gecko (<i>Cosymbotus platyurus</i>)	Singapore	Plastics	Sea cargo
Mediterranean house gecko (<i>Hemidactylus turcicus</i>)	Israel	Baggage	Air baggage
Tokay gecko (<i>Gecko gecko</i>)	Philippines	Cargo containers	Sea cargo

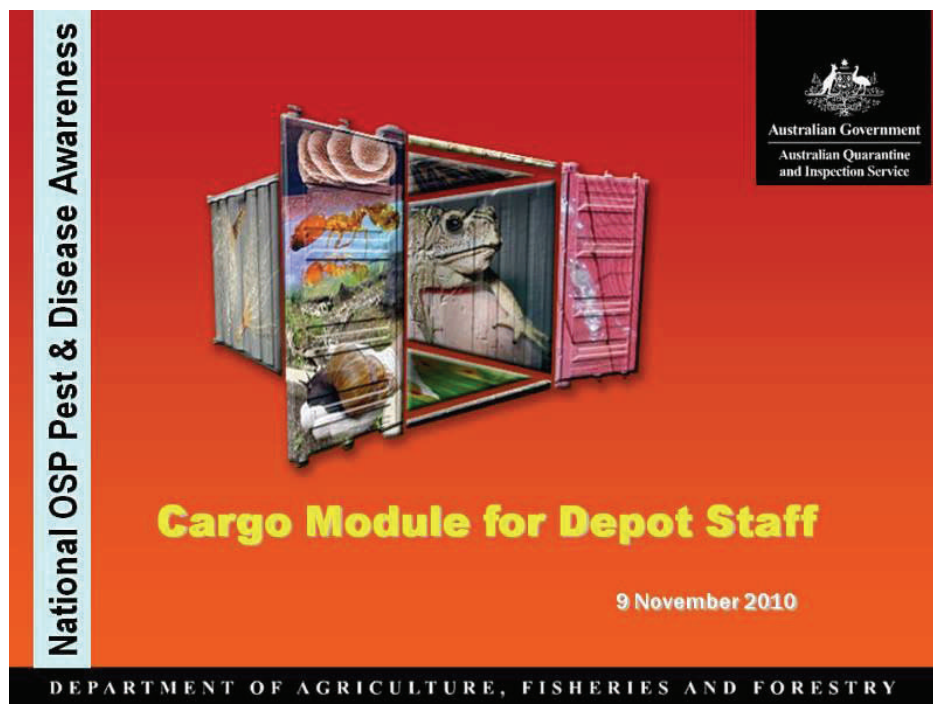
Biosecurity Awareness

Australia's most UNWANTED campaign involves increasing the awareness of the community in general to some of the more significant cargo pests that they may encounter during everyday life. So far AQIS has developed and delivered Cargo Awareness presentations to stevedores and depot staff, air cargo and ground crew, other government staff and major import distribution centres (e.g. Buntings, IKEA, A-Mart etc.).



Australia's Most UNWANTED Cargo Pests

- Asian Gypsy Moth
- Burnt Pine Longicorn
- Asian Longhorned Beetle
- Khapra Beetle
- Asian Tiger Moth
- Giant African Snail
- Giant Honey Bee
- Formosan Termite
- Black Spined Toad



For more information on Quarantine Pests go to:

<http://www.daff.gov.au/aqis/import/cargo/pests/most-unwanted>



If you SEE any suspect findings, SECURE them where possible & immediately REPORT them to AQIS on **1800 020 504**

If unsure, consult AQIS Entomologists & Plant Pathologists prior to handling or collecting specimens

Quarantine is a Shared Responsibility

Remember:

If you see something that you think is not right, contact AQIS immediately
It's easy to do your bit
Small quarantine risks can have big consequences
Help protect Australia
Quarantine is a shared responsibility.

AQIS Contact Details:

AQIS HOTLINE	1800 020 504
AQIS (Eagle Farm)	3246 8755
AQIS (Fish Island)	3895 9777
AQIS Entomology	3246 8775
AQIS Plant Pathology	3246 8774
AQIS Redline*	1800 803 006

(*for breaches of quarantine laws and other compliance issues)

Further Information About AQIS

Visit the website: www.aqis.gov.au

Vote of Thanks: Geoff Thompson

The Chair advised members that the next General Meeting will be the end of the year 'Notes and Exhibits meeting and BBQ' on Monday December 13 at 5pm at CSIRO. This is the last meeting to be held at Indooroopilly, come along and join the celebration.



Notice of Next Meeting

Monday 13th December, 2010, 5pm

~

‘NOTES & EXHIBITS’

and
end of year

BBQ

~

Cost of BBQ \$5

Drinks available for purchase

Large Conference Room
CSIRO Long Pocket Laboratories
120 Meiers Rd, Indooroopilly

ALL WELCOME

(please sign in at reception before meeting)

NOTICES

Request for information : *Badamia exclamationis* (Lepidoptera: hesperiidae)

I am interested in any sightings of the skipper *Badamia exclamationis* which for many decades had massive annual migrations from northern Queensland to central Queensland and return over the summer months. These mass migration events

appear to have disappeared and I am keen to find any records of the species anywhere in Queensland over the past 10 years. Of particular interest would be records of any aggregations - location, date and time of day and direction of flights.

If you have any information please email me at peter.valentine@jcu.edu.au

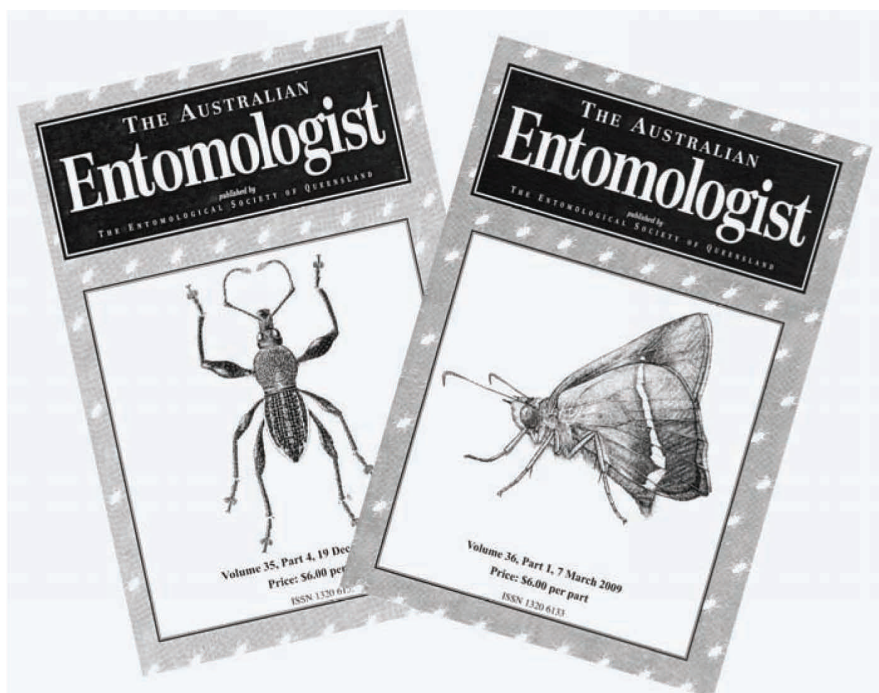
Thank you.

Peter Valentine
James Cook University

***THE
AUSTRALIAN ENTOMOLOGIST***

A quarterly, illustrated magazine of original research on
insects of Australia and the southwest Pacific

AN INVITATION TO SUBSCRIBE



Commenced in Sydney by Max Moulds in 1974, the magazine is now published in Brisbane by the Entomological Society of Queensland and is recognised as one of the leading outlets for quality, refereed research on native insects in Australia. In particular, it publishes much of the new information on Australian butterflies with more than 200 papers since inception. Attractively presented on quality paper, it carries much colour work, while the cover features illustrations by Australia's top insect artists.

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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

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☐ in hard copy by mail

☐ Cheque/Money Order enclosed

or Please charge my : ☐ Bankcard ☐ Visa ☐ Mastercard

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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 2010

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

MAR—Monday 8th	Dr Chris Lambkin (QM)	Presidential Address & AGM
APR—Monday 12th	Dr Nancy Schellhorn (CSIRO)	Landscape Scale Pest Management in Vegetable Crops
MAY—Monday 10th	Dr Martin Shivas (BCC)	Brisbane's mangrove-breeding pest midge <i>Culicoides ornatus</i>
JUN—Tuesday 15th	Student Award + Notes and Exhibits Session	
AUG—Monday 9th	Dr Alejandro Costamanga (CSIRO Post Doc)	Impacts of established natural enemy assemblages on soybean aphid in Nth America
SEP—Monday 13th	Don Sands	The role of insects in the breakdown of leaf litter: implications for fire management and weed control
OCT—Monday 11th	Ross Kendal (Butterfly Encounters Pty Ltd)	The Evolution of a Butterfly Farmer
NOV—Monday 8th	Bill Crowe (AQIS)	Australia's Most Unwanted
DEC—Monday 13th	Notes and Exhibits + BBQ	

SOCIETY SUBSCRIPTION RATES

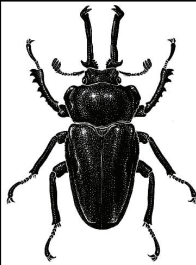
GENERAL:	Person who has full membership privileges	\$30pa
JOINT:	Residents in the same household who share a copy of the <i>News Bulletin</i> , but each otherwise have full membership privileges.	\$36pa
STUDENT:	Students and others at the discretion of the Society Council	\$18pa

Student membership conveys full membership privileges at a reduced rate.

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	Institutions	AU\$37pa
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	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



NEXT MEETING

5:00pm ~ MONDAY 13th December

Large Conference Room
CSIRO Long Pocket laboratories
120 Meiers Road Indooroopilly

Main Business:

‘NOTES & EXHIBITS’

followed by BBQ (cost \$5)

(drinks available for purchase also)

VISITORS WELCOME

(please sign in at reception before meeting)

NEXT NEWS BULLETIN

Volume 38, Issue 9 (December 2010)
due early February

CONTRIBUTIONS WELCOME

DEADLINE - Thursday 27th January

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