



SYDNEY SHELLER

Newsletter of the Shell Club of Sydney
NSW Branch, The Malacological Society of Australasia Limited ACN 067 894 848

Next Meetings:

23rd July Steve

Spondylus & Chamidae

27th August Mike Small if available
Land and other shells of Cuba

(1.30pm for 2pm – 4pm)

(normally 4th Saturday, except for clashes with long weekends, and shell events – call to check)

Ryde Eastwood Leagues Club

117 Ryedale Rd, West Ryde, Sydney

View old shell newsletters on line
www.sydneyshellclub.net

Submit articles or ads:

Steve Dean

PO Box 316, Mona Vale, NSW 1660

Text by disk or email only. Photos, and disks by mail, or preferably by email to steve@dean.as

Club Executive:

Office bearers:

President: Steve Dean
Vice Pres: Maureen Anderson
Treasurer: Peter Pienaar
Secretary: Chris Barnes
Raffles: Maureen Anderson
Sheller Editor: Steve Dean
Promotions: Jack Hannan
Librarian: Steve Dean
Annual Shell Show Mgr: Steve Dean
Special Projects Mgr: Vacant
MSA Delegate: Chris Barnes

Shell Club of Sydney Mission Statement:

To appreciate, understand and preserve shells and their environment and to share this with others.

Shells photographed during Ashley's Antarctic research:



Trophon longstaffi



Neobuccinum eatoni

Some of the topics inside:

- Ashley's Antarctic Research Trip (Cover photo)
- *Cymbiola rutila* variations
- Minutes
- Shell Club Library List
- AGM & President's Report



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Peter Pienaar
PO Box 901
Campbelltown, NSW
Australia 2560

Note: The Sydney Shell Club is a branch of
the Malacological Society of Australasia
(MSA) It is preferred that you are also a
member of the MSA. MSA membership can
be organised through Des Beechey

desbee@optushome.com.au

26 Malga Ave, Roseville Chase NSW 2069



Mollusc diversity in Antarctica

Ashley Miskelly

Mollusc diversity in Antarctica is very low compared to temperate and tropical oceans. Shell growth is very slow on account of the extremely low temperatures of -1.7 degrees Celsius.

The most common species is the bivalve *Laternula elliptica*. (Picture on page 6) It occurs around the whole Antarctic coastline and is found in shallow subtidal waters. It is a filter feeder and the shell remains completely buried in muddy sediments in depths greater than 1.0m. Dead shells can be seen on the beach (two pictures) when blizzards bring rough seas causing the dead shells to dislodge.

Laternula can grow to a length of at least 90mm and the composition of the shell is high in aragonite. *Laternula elliptica* is endemic to Antarctica.

The two most common gastropods are *Neobuccinum eatoni*, (front cover and below) which feeds on the heart urchin genus *Abatus*. It grows to a shell length of about 70mm, and can be seen wandering over the silty sediment. The live animal is white, and the shell, like many Antarctic species is white, lightweight and of a chalky appearance.



Trophon longstaffi (front cover and below) is perhaps a little less common, and certainly harder to see in its habitat. Interestingly, unlike other *Trophon* species which live in deep waters, *T. longstaffi* is a shallow water inhabitant. These gastropods move very slowly because of the cold temperatures.



Five species of the heart urchin genus *Abatus* occur at Davis Station, Antarctica. *A. philippii*, *A. nimrodi*, *A. ingens*, *A. cavernosus* and *A. shackletoni*. There are 11 species of *Abatus* known to occur in the Antarctic continent and all species are endemic to Antarctica (see photo of live specimens burrowing). These heart urchins are very common and occur in large numbers approximately 75m from low tide and a minimum of 3m deep.



Meeting Minutes – 30th April 2011.

The President, Steve Dean, opened the meeting at 2.11pm.

Attendance Steve Dean, Peter Pienaar, Ron Moylan, Ashley Miskelly, Steve Jones, Ian Mattiske and Kim Bishop.

Apologies were received from Maureen Anderson, Jack Hannan and Bob Snedic.

Correspondence Steve Dean tabled an email received from Dr Inke Falkner, Coordinator, University of Sydney Institute of Marine Science regarding a study being undertaken to investigate distributions changes of marine invertebrates in the Sydney region.

Finance Bank account balance was reported by Treasurer, Peter Pienaar.

Library Various magazines and publications including Radula, COA March 2011 and Cairns Shell News were circulated at today's meeting. Steve Dean advised that Volume IV : Philippine Marine Mollusks is now available. No decision has been made to purchase this book for our library at his stage.

Coming Events Field trip to Barrington Region (Land Snails) is in planning stage.

Acquisitions Ron Moylan advised that he had some new material from Thailand obtained on a recent trip.

General Business Steve Dean advised that the next issue of American Conchologist will have an article on the late Peter Clarkson.

A general discussion was held on the format of our Annual Show with further discussion to be held.

The meeting closed at 3.45pm.

Presentation Ron Moylan provided an excellent presentation on *Cymbiola rutila* supported by his collection highlighting the many variations available in this species.

Kim Bishop, Secretary

Ron's *Cymbiola rutila* Variations:

Variation of size, shape, colour and pattern by locality, and some very large specimens.





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Meeting Minutes - 28th May 2011

The President, Steve Dean, opened the meeting at 2.11pm.

Attendance Steve Dean, Maureen Anderson, Peter Pienaar, Ron Moylan, Keith Dean, Chris Barnes, Ashley Miskelly, Angus Hawke, Jack Hannan, Debra Hannan, Ian Mattiske, Steve Jones, Douglas Drake and Kim Bishop.

Visitors Derek Macrae.

Apologies were received from Bob Snedic.

Minutes of previous meeting held 30 April 2011 were presented and taken as read.

Correspondence Steve Dean tabled an email from Caroline Cotton from Victoria making enquiries about joining the club as a new member and offering to assist with the presentation on *Cypraea* at the meeting in July 2011.

Finance Bank account balance unchanged from last month reported by Treasurer, Peter Pienaar.

Library Various publications including Radula, Cairns Shell News and Molluscan Research circulated.

Coming Events Townsville Shell Show weekend 2nd & 3rd July 2011 and Keppel Bay Shell Show weekend 9th & 10th July 2011.

Other Reports Ron Moylan reported the recent passing of well known New Zealand underwater photographer and shell collector Ian Scott. Ian Mattiske discussed the newly named *Amoria (Cymbiolista) jansae* and handed out a paper on the species. Jack Hannan reported that the recent changes to Solitary Islands Marine Park habitat protection zoning had been revoked and that the previous zoning regulations now applied. Jack to investigate the matter further.

Field Trips Jack Hannan reported on a recent field trip to Jervis Bay and Angus Hawke reported on a recent diving trip to Batemans Bay. Angus showed a sinistral *Chicoreus denudatus* and a rare example of *Fractolaturus normalis* he had found. He also brought along a large gem white bivalve to show *Periploma angasi* Crosse & Fischer, 1868

General Business Further discussion was held on the format of our Annual Shell Show with all in attendance providing their views. Steve to use this information for further discussion and planning. Jack Hannan has suggested one of our monthly meetings take place at Long Bay. Consideration to be given to this idea. Steve provided notice that the Annual General Meeting will take place at our next meeting on Saturday 25th June 2011.

Raffle

First Prize: Debra Hannan, Second Prize: Ian Mattiske.

The meeting closed at 3.40pm.

Presentation Ashley Miskelly provided a most interesting presentation on his 6 month marine research in Antarctica.

Kim Bishop, Secretary

Meeting Minutes - 25 JUNE 2011

The President, Steve Dean, opened the meeting at 2.24pm.

Attendance Steve Dean, Maureen Anderson, Peter Pienaar, Ron Moylan, Steve Jones and Kim Bishop.

Apologies were received from Keith Dean, Bob Snedic and Jack Hannan.

Minutes of previous meeting held 28 May 2011 were presented and taken as read, moved by Ron Moylan and seconded by Steve Dean.

Finance Bank account balance was reported by Treasurer, Peter Pienaar.

Sydney Sheller December 2009- March 2010 and April 2010 - July 2010 distributed and two more to follow shortly.

Coming Events Townsville Shell Show weekend 2nd & 3rd July 2011 and Keppel Bay Shell Show weekend 9th & 10th July 2011.

General Business After a discussion regarding the monthly raffle it was decided that the Club would purchase a gem quality shell for auction each quarter. The selected shell to be photographed and advertised in advance in the Sydney Sheller.



Kim Bishop advised that due to work commitments he would not be able to attend monthly meetings on a regular basis and would not be standing for re-election as Secretary at the Annual General Meeting today.

Raffle

First Prize: Peter Pienaar.

The meeting closed at 3.16pm.

Presentation: Steve Dean provided an interesting presentation on the family Pectinidae supported many examples from his collection showing the diversity of pattern and colour.

Kim Bishop, Secretary

THE SHELL CLUB OF SYDNEY MINUTES OF ANNUAL GENERAL MEETING HELD SATURDAY 25 JUNE 2011

The President, Steve Dean opened the meeting at 3.16pm.

Attendance Steve Dean, Maureen Anderson, Peter Pienaar, Ron Moylan, Steve Jones and Kim Bishop.

Apologies were received from Keith Dean, Bob Snedic and Jack Hannan.

Notice of AGM The Chairman confirmed that Notice of the Annual General Meeting was provided by email and verbally at the monthly meeting on 28 May 2011.

Minutes of Previous AGM held 26 June 2010 The minutes of the previous Annual General Meeting held 26 June 2010 was tabled by the Secretary and were taken as read, moved by Peter Pienaar and seconded by Steve Dean.

President's Report The Presidents report on the events of the last year published elsewhere in this "Sydney Sheller".

Treasurer's Report Peter Pienaar reported the current balance.

The following annual fees apply commencing 1 July 2011, moved by Maureen Anderson and seconded by Steve Dean.:

Membership	\$50
Junior Member	\$15
Student and Pensioner Member	\$25
International Postage Add	\$10
Additional Family Members	\$ 5

Advertising Fees in "Sydney Sheller"

60x120mm	\$80
60x77mm	\$60
60x57mm	\$40

Election of Office Bearers:

<u>Position</u>	<u>Name</u>	<u>Moved By</u>	<u>Seconded By</u>
President	Steve Dean	Peter Pienaar	Kim Bishop
Vice President	Maureen Anderson	Kim Bishop	Ron Moylan
Treasurer	Peter Pienaar	Steve Dean	Maureen Anderson
Secretary	Vacant		

Honorary Positions

Sheller Editor	Steve Dean
Librarian	Steve Dean
Shell Show Manager	Steve Dean
Raffles	Maureen Anderson
MSA Representative	Chris Barnes
Web Site	Steve Dean
Field Trips	To be advised.
Recruitment Officer	Jack Hannan
Regulatory Liaison Officer	Jack Hannan

The meeting closed at 3.36pm.

Kim Bishop, Secretary.



Antarctic Pictures:



Laternula elliptica



Sydney Shell Club - Members Library

N°.	Title	Author/Comments	Date
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Identification General Book - many/all families and species			
IG1	Bivalves of Australia Vol 1	Lamprell, K & Whitehead, T.	1992
IG2	Bivalves of Australia Vol 2	Lamprell, K & Whitehead, T	1998
IG3	Seashells of Central New South Wales	Patty Jansen	1995
IG4	Seashells of South-East Australia	Patty Jansen	2000
IG5	1001 Nudibranchs	Coleman, N.	2001
IG6	Encyclopaedia of Marine Gastropods	Alain Robin	2008
IG7	Philippine Marine Mollusks V1	Guido Poppe	2008
IG8	Philippine Marine Mollusks V2	Guido Poppe	2008



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IG9	Philippine Marine Mollusks V3	Guido Poppe	2010
IG10	Freshwater Snails of the Tropical Pacific Islands	Alison Haynes	2001
IG11	Australian Land Snails a field guide V1	J Stanisic	

Identification Specific - family or other narrow grouping

IS1	The Mitridae of the world. Part 1 - Subfamily Mitrinae (Indo-Pacific Mollusca, V3 N17)	Walter Cernohorsky	1976
IS2	Mitridae of the world. Part 2 - Mitrinae Concluded, and Subfamilies Imbricariinae and Cylindrimitrinae (Monographs of Marine Mollusca)	Walter Cernohorsky	1991
IS3	Mitridae Costellariidae	Robin & Martin	2004
IS4	Conchological Iconography - Ficidae	Conch Books	2000
IS5	Conchological Iconography - The Family Strombidae	Conch Books	1999
IS6	Conchological Iconography - Tonnidae	Conch Books	2007
IS7	Conchological Iconography - Harpidae	Conch Books	1999
IS8	Conchological Iconography - Haliotidae	Conch Books	2000
IS9	Conchological Iconography - Amoria	Conch Books	2001
IS10	Conchological Iconography - Recent Volutidae (check list)	Conch Books	2001
IS11	Conchological Iconography - Lyriina	Conch Books	2004
IS12	Conchological Iconography - Buccinidae	Conch Books	2007
IS13	Guide to Worldwide Cowries	Lorenz & Hubert	2000
IS14	New Worldwide Cowries	Lorenz	2002
IS15	Maringellas (Copy)	Robert Lipe	1991
IS16	Olividae a collectors guide	Gunther H W Sterba	2004
IS17	Bursidae of the World (Copy)	Tiziano Cossignani	1994

Articles

A1	List of British Non-Marine Mollusca	A S Kennard	1941
A2	Shells take over the world - National Geographic		1949
A3	Multiform Australian Volutes	F Abbottsmith	1968
A4	Indo-Pacific Nassariidae	W O Cernohorsky	1972
A5	A Revision of the Eatoniellidae of Australia	Ponder & Yoo	1978
A6	Proceedings of the Linnean Society Vol 111		1878
A7	Proceedings of the Linnean Society, second series, Vol 1V		1989
A8	Molluscan Megadiversity: World Congress of Malacology	World C OF M, Perth, WA	2004
A9	Many other articles in a binder		2006

Periodicals - clubs, societies and other

P1	The Sydney Sheller (From July 1998 on)		Current
P2	Australian Shell News	Newsletter of the MSA	Incomplete
P3	MSA Molluscan Research - Formerly Journal of MSA.		Current
P4	The Radula MSA QLD Newsletter		Current
P5	MSA Victorian Branch Bulletin		Current
P6	South Australia - Shell Grit		Current
P7	Keppel Bay Tidings		Current
P8	Whitsunday Shell Club - Newsletter		Part
P9	Tidewatch - Townsville Shell Club		Current
P10	W.A. Shell Collector		Current
P11	Cairns Shell News		Current
P12	The Marine Zoologist	Complete Set	1961
P13	Of Sea and Shore	only a few	2006
P14	Poirieria V31	Auckland Museum	2005-7
P15	The Port Phillip Bay Shell Group, Newsletter		2005
P16	American Cochologist		2005
P17	Cookia		Recent
P18	COA		Some



Kids books			
Kids1	Seashore searching	Margaret Richmond	1980
Kids2	Sea Shells of the World	Tucker Abbott	1962

Miscellaneous			
Misc1	Registry of World Record Sizes 4th Edition	Donald L Piser	2005
Misc2	Xenophoridae species identification notes	Steve Dean	2007
Misc3	Directory of Conchologists and Malacologists	Tom Rice	2005

Old dated Reference/Articles/Publications			
O1	Australian Shells	Joyce Allan	1959
O2	Queensland and Great Barrier Reef Shells	Rippingale, McMichael	1961
O3	A Reference List of Marine Molluscs of NSW	Iredale, T. & McMichael, DF.	1962
O5	Shells and shell collecting	S. Peter Dance	1972
O6	Shells of New Guinea and the Central Indo-Pacific	Alan Hinton	1975
O7	Shell Collecting In Australia	Neville Coleman	1976
O8	Shell collectors colour guide	J & R Senders	1984
O9	Spiny Oyster Shells of the World Spondylus	Kevin Lamprell	1986
O10	Australian Sea Shores	Daiken	1952
O11	Index of Tasmanian Shells	John Vale	1921
O12	Mitre Shells from the Pacific and Indian Oceans	Pechar, Chris Prior, Parkinson	1980
O13	Olive Shells of the World	Zeigler, Porreca	1969
O14	Marine Molluscs of Victoria	Macpherson & Gabriel	1962
O15	Cowrie Shells of the World Seas	Joyce Allan	1965

President's Report to the AGM

Steve Dean

Over the year member numbers have remained steady and we have had an increase in the number of visitors. However other member commitments have caused average numbers at each meeting to decline. This could cause difficulties for the club in the near future.

Thanks to Jack's efforts we have had more field trips than in past years, including Long Bay, Little Bay, Long Reef, and Callala.

At our meeting there have been lots of interesting talks thanks to Steve, Kim, Ron and others, and amazing shells to look at, thanks to Ron.

Our annual shell show was well attended and had a good number of exhibits. Steve finally won the COA educational exhibit.

The format for meetings over the Christmas break Nov-Feb works well.

Due to external circumstances, our submissions and licence programs were not as effective as we had hoped.

Many of our regular attending members all have things worth a mention:

Jack has been diving in WA, and photographing marine life around NSW.

Angus and Mike have been diving the southern coast of NSW.

Ron has reported on his High Seas survival adventures and rare species collecting, and on Paris, wellington and other shows.

Ashleigh spent 6 months in Antarctica.

Maureen excelled at the Annual show with land snails, and at the national with Zoila.

Steve gained many interesting species from old collections.

Chris is always finding more interesting species in Sydney.