



SYDNEY SHELLER

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

Next Meeting:

26th February 2005
NO January Meeting

Ryde Eastwood Leagues Club
117 Ryedale Rd, West Ryde, Sydney

1.30 for 2.00pm

There is a field trip 12th March 2005,
Afternoon at Kurnell

View these newsletters with more pictures, plus references, and club information at
www.sydneyshellclub.net

Contributions:

Please send contributions to:
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

If you cannot get your text onto disk, then **Karen Barnes** may be prepared to type it for you - send material to:
17-9 Severn St Maroubra
NSW 2035

Club Executive:

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President: John Franklin
Vice Pres: Maureen Anderson
Secretary: Chris Barnes

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Raffles: Maureen Anderson
Treasurer: Peter Pienaar
Sheller Editor: Steve Dean
Librarian: John Franklin
Annual Shell Show Mgr: Steve Dean
Special Projects Mgr: John Dunkerley

Shell Club of Sydney

Mission Statement:

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

This Sheller was prepared, but not printed and posted out until March, due to failure of the colour laser printer we use to prepare the Sheller.
(To be fair to all the Shell Show exhibitors, and to those who missed the show, it would not be appropriate to have just print this issue in black and white)
Sorry for the delay.



Huge Gem *Cassis madagascariensis* Florida Keys
Sydney Shell Club - Shell of the Show 2004

Some of the topics inside:

- Sydney Shell Show 2004 (Cover photo)
- Observations in South Australia
- Observations near Sydney airport runway
- Shell Show winners
- Books Wanted



VISITING – PERTH, WESTERN AUSTRALIA

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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

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Our Visit to South Australia

Maureen Anderson

We were invited down to South Australia to view a private collection. It turned out to be one of the most magnificent collections I have ever seen. We spent several days with these friends.

We decided to go crabbing for blue swimmers. There were five of us climbing down a cliff from the top of the road to the sand flats below. Within two and a half hours we had caught 17 adult sized blue swimmers. Three shells I found while crabbing were:

1. *Haliotidae cyclobates*,
2. *Veneridae katelysia*
3. *Phasianella australis*.

So back up the cliff we went, pulling a bucket of crabs behind us. Then straight home, crabs in the cooker and we all sat down to a feed of warm crab. Yum!

As we said goodbye to our friends we headed down to Port Lincoln where we stayed for a few days and visited a shell museum. We then drove to Coffin Bay, which is a small holiday resort. Some of our best oysters come from here. Not many shells were found on the beach; I could only gather some shell grit for a friend.

We turned around and headed back to Adelaide. I decided that I wanted a day to go shelling at Taperoo Beach. When we arrived there it was low tide and very windy. I picked up some lumps of mussels for shell craft and a large amount of Tellins, all in different pastel shades.

There were dozens of *Pinna bicolour* Gmelin, 1791 left lying around at the low tide line. By this time my shell-collecting bag was almost blown inside out by the wind. I gathered more shell grit for my friend and then called it a day.

We spent that night in Adelaide and then headed for home the next day.



Penrhyn Beach – Botany Bay

John Franklin and Sandra Montague

The afternoon of the 27th December 2004 was hot and humid as we made our way to Penrhyn Beach Botany Bay.

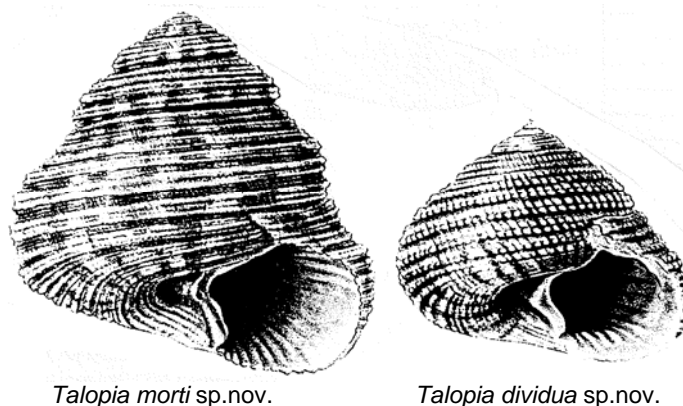
Penrhyn Beach is located at the southern end of Foreshore Road, adjacent to the Patrick container terminal, Port of Botany. Foreshore Road beach consists of a long narrow beach, the northern end of which runs into the Mill Pond near Eastlake golf course. The "Foreshore" has both before and after the building of the third runway of Kingsford Smith airport, been a great place for research and observation. The area provides a home for the minute snail *Smaragdia souverbiana* (Gassies, 1861) with its beautiful glossy patterns. Whilst Botany Bay is slowly recovering from the aftermath of construction of the runway, there are clear signs of fossil material. Whilst most shells found are relatives of their modern day counterparts, these old shells seemed to be characterised by a chalky feel and rusty appearance. Notwithstanding the fact that Penrhyn beach is located in a very heavy industrialised area the beach still has that something special about it. The shells were observed at the top of the high water mark in silt and mud. At low tide there was a good fifty-metre walk across a sand bar to the edge of the water.

Apart from *Mytilus galloprovincialis*, Lamarck 1819 and *Donax deltoides* Lamarck 1818, no other live shells were observed.

Apart from taxon observed from the classes Gastropoda and Bivalvia, marine material from other classes were observed such as:-

- Representatives from the family Dentaliidae
- Isopods
- Brachiopods
- Foraminifera
- Corals

What follows is a general list of material available for further research particularly having regard to the fact that there could be links to fossil origins:-



THE MOLLUSCAN FAUNA OF PENRHYN BEACH, BOTANY BAY, NEW SOUTH WALES ZOOGEOGRAPHICAL DISTRIBUTION 27/12/04

Class Gastropoda		
Patellidae	<i>Patella chapmani</i>	Tenison-Woods, 1876
Lottidae	<i>Patelloida mufria</i>	(Hedley, 1915)
	<i>Patelloida latistrigata</i>	(Angas, 1865)
	<i>Asteracmea illibrata</i>	(Verco, 1906)
Fissurellidae	<i>Amblychilepas nigrita</i>	(Sowerby, 1835)
	<i>Tugali parmophoidea</i>	(Quoy & Gaimard, 1834)
	<i>Notomella dilecta</i>	(A. Adams, 1852)
	<i>Rixa watsoni</i>	(Henn & Brazier, 1894)
Neritidae	<i>Smaragdia souverbiana</i>	(Gassies, 1861)
	<i>Smaragdia trigena</i>	(Iredale, 1936)
Turbinidae	<i>Astralium kesteveni</i>	(Iredale, 1924)
Trochidae	<i>Nanula tasmanica</i>	(Petterd, 1879)
	<i>Eurytrochus strangei</i>	(A Adams, 1853)
	<i>Cantharidella picturata</i>	(A. Adams & Angas, 1864)

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	<i>Notogibbula bicarinata</i>	(A. Adams, 1854)
	<i>Calliostoma speciosum</i>	(A. Adams, 1854)
	<i>Austrocochlea constricta</i>	(Lamarck, 1822)
	<i>Austrocochlea porcata</i>	(A. Adams, 1853)
	<i>Odontotrochus indistinctus</i>	(Wood, 1828)
	<i>Bankivia fasciata</i>	(Menke, 1830)
	<i>Leiopyrga lineolaris</i>	(Gould, 1861)
	<i>Spectamen bellelum</i>	(Angas, 1869)
	<i>Ethminolia probabilis</i>	Iredale, 1924
	<i>Clanculus undatoides</i>	Tenison-Woods, 1879
Skeneidae	<i>Teinostoma solida</i>	(Laserson, 1954)
Cerithiidae	<i>Cacozeliana granarium</i>	(Kiener, 1842)
Batillariidae	<i>Batillaria australis</i>	(Quoy & Gaimard, 1834)
Littorinidae	<i>Bembicium Nanum</i>	(Lamarck, 1822)
Anabathridae	<i>Anabathron (anabathron) lene</i>	(Hedley, 1915)
	<i>Badepigrus pupoideus</i>	(A. Adams, 1865)
	<i>Pisinna frauenfeldi</i>	(Frauenfeld, 1867)
	<i>Pisinna albizona</i>	(Laserson, 1950)
Rissoidae	<i>Merelina gracilis</i>	(Angas, 1877)
Iravadiidae	<i>Nozeba topaziaca</i>	(Hedley, 1908)
Epigaadae	<i>Epigrus dissimilis</i>	(Watson, 1886)
Vitrinellidae	<i>Pseudoliotia micrans</i>	(A. Adams, 1850)
Struthiolariidae	<i>Tylospira scutulate</i>	(Leach, 1814)
Hipponicidae	<i>Antisabia foliacea</i>	(Quoy & Gaimard, 1834)
Calyptraeidae	<i>Crepidula aculeate</i>	(Gmelin, 1795)
	<i>Sigapatella calyptraeformis</i>	(Lamarck, 1822)
	<i>Clypeola hedleyi</i>	(Smith, 1915)
Natilidae	<i>Eunaticina linneana</i>	(Recluz, 1843)
	<i>Polinices conicus</i>	(Lamarck, 1822)
	<i>Polinices sordidus</i>	(Swainson, 1821)
	<i>Polinices melastromus</i>	(Swainson, 1821)
Ranellidae	<i>Sassia parkinsonian</i>	(Perry, 1811)
	<i>Cymatium (monoplex) exaratum</i>	(Reeve, 1844)
	<i>Cabestana spengleri</i>	(Perry, 1811)
Cerithiopsidae	<i>Ataxocerithium applenium</i>	Iredale, 1936
Triphoridae	Numerous unclassified	
Epitoniidae	<i>Epitonium tacita</i>	(Iredale, 1936)
	<i>Epitonium jukesianum</i>	Forbes, 1852
	<i>Epitonium fabia</i>	(Iredale, 1936)
Muricidae	<i>Bedevea paivae</i>	(Crosse, 1864)
	<i>Agnewia tritoniformis</i>	Blainville, 1832
Nassariidae	<i>Nassarius nigellus</i>	(Reeve, 1854)
	<i>Nassarius pauperus</i>	(Gould, 1850)
	<i>Nassarius (alectrion) glans particeps</i>	(Hedley, 1915)
	<i>Nassarius (plicarularia) burchardi</i>	(Dunker in Phillipii, 1849)
Columbellidae	<i>Dentimitrella tayloriana</i>	Reeve, 1859
	<i>Pseudamycla dermestoidea</i>	Lamarck, 1822
	<i>Zella beddomei</i>	Petterd, 1884
	<i>Macrozatuia atkinsoni</i>	Tenison-Woods, 1875
	<i>Parvitebra brazieri</i>	Angas, 1875
	<i>Truncaria australis</i>	Angas, 1877
Volutidae	<i>Amoria undulata</i>	(Lamarck, 1804)
Olinidae	<i>Alocospira oblonga</i>	(Sowerby, 1830)
Olivellidae	<i>Cupidoliva nympa</i>	(A. Adams & Angas, 1864)
Marginellidae	<i>Marginella turbinata</i>	(Sowerby, 1846)
	<i>Mesoginella olivella</i>	(Reeve, 1865)
Cancellariidae	<i>cancellaria undulata</i>	Sowerby, 1849
Terebridae	<i>Hastula brazieri</i>	(Angas, 1871)
Turridae	<i>Paradrilla coxi</i>	(Angas, 1867)
	<i>Paradrilla metcalfi</i>	(Angas, 1867)
	<i>Epidirona Hedleyi</i>	Iredale, 1931
	<i>Maoritomella subtilineata</i>	(Hedley, 1922)
	<i>Euguraleus jacksonensis</i>	(Angas, 1877)
	<i>Guraleus pictus</i>	(A. Adams & Angas, 1864)
	<i>Heterocithera bilineata</i>	(Angas, 1871)
Architectonicidae	<i>Psilaxis oxytropis</i>	(A. Adams, 1855)
	<i>Pseudotorinia delectabilis</i>	(Melvill, 1893)
Pyramidellidae	<i>Syrnola tincta</i>	(Angas, 1871)
	<i>Syrnola bifasciata</i>	Tenison-Woods, 1876
	<i>Latavia pulchra</i>	(Henn & Brazier, 1894)
	<i>Chemnitzie hofmani</i>	Angas, 1877
	<i>Oscilla tasmanica</i>	(Tenison-Woods, 1877)



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	<i>Cingulina spina</i>	(Crosse & Fischer, 1864)
	<i>Linopyrga pascoei</i>	(Angas, 1867)
	<i>Linopyrga bisculpta</i>	Laseron
	<i>Linopyrga brevis</i>	Pritchard & Gatliff
	<i>Agatha australis</i>	(Angas, 1871)
	<i>Agatha simplex</i>	(Angas, 1871)
Acteonidae	<i>Pupa fumata</i>	(Reeve, 1865)
	<i>Pupa nivea</i>	(Angas, 1871)
Ringiculidae	<i>Ringicula doliaris</i>	Gould, 1850
Scaphandridae	<i>Cyllichna arachis</i>	(Quoy & Gaimard, 1833)
	<i>Acteocina fusiformis</i>	(A. Adams, 1854)
Bullidae	<i>Bulla quoyi</i>	Gray, 1843
Haminoeidae	<i>Haminoea brevis</i>	(Quoy & Gaimard, 1834)
	<i>Haminoea tenera</i>	A. Adams, 1850
Retusidae	<i>Retusa hofmani</i>	Angas, 1872
Ellobiidae	<i>Ophicardelus sulcatus</i>	H. & A. Adams, 1855
Amphibolidae	<i>Salinator fragilis</i>	(Lamarck, 1822)
	<i>Salinator solida</i>	(Von Martens, 1878)
Siphonariidae	<i>Siphonaria denticulata</i>	Quoy & Gaimard, 1833
Class Bivalvia		
Nuculanidae	<i>Nuculana crassa</i>	(Hinds, 1843)
Arcidae	<i>Anadara trapezia</i>	(Deshayes, 1840)
Glycymeridae	<i>Glycymeris grayana</i>	(Dunker, 1857)
Philobryidae	<i>Philobraya rubra</i>	(Hedley, 1904)
	<i>Lissarca picta</i>	(Hedley, 1899)
Mytilidae	<i>Lanistina impacta</i>	(Hermann, 1782)
Limidae	<i>Limatula strangei</i>	(Sowerby, 1872)
Pectinidae	various unclassified	research continues
Lucinidae	<i>Divalucina cuminoi</i>	(A. Adams & Angas, 1863)
	<i>Monolitora ramsayi</i>	(E.A. Smith, 1885)
	<i>Wallucina assimilis</i>	(Angas, 1867)
Carpitidae	" <i>Venericardia</i> " <i>amabilis</i>	(Deshayes, 1854)
Crassatellidiye	<i>Talabrica fulvida</i>	(Angas, 1871)
Mactridae	<i>Mactra (nannoniactra) pusilla</i>	A. Adams, 1855
Mesodesmatidae	<i>Paphies cuneata</i>	(Lamarck, 1818)
	<i>Paphies (amesodessma) elongata</i>	Reeve, 1854
Solenidae	<i>Solen vaginoides</i>	Lamarck, 1818
Veneridae	<i>Eumarcia fumigate</i>	(Sowerby, 1853)
	<i>Irus (irus) crenatus</i>	(Lamarck, 1818)
	<i>Timoclea (chioneryx) cardioides</i>	(Lamarck, 1818)
Corbulidae	<i>Corbula stolata</i>	(Iredale, 1930)
Myochamidae	<i>Myadora complexa</i>	Iredale, 1924
Fossils:		
Trochidae	<i>Talopia morti sp. nov.</i>	
	<i>Talopia dividua sp. nov.</i>	

References: Iredale, T., The Australian Zoologist, Vol. v. Plate XXXVII fig. 9 & 10, Australian Molluscs

Note: These fossil shells were described by T. Iredale in an article appearing in the Australian Zoologist Vol. V at pages 339 & 340. Refer Plate XXXVII



Sydney Shell Club Annual Shell Show 2004

Show Managers Report – Steve Dean

In the past our show has been a modest affair lasting an hour or so at our October normal monthly meeting, with less than 20 exhibits. Over the past few years the show has been growing with each year being bigger and including more.

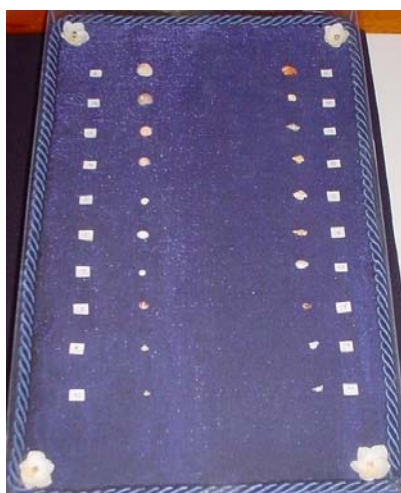
The show last October was our most comprehensive of recent times. It went for a full day in one of the same conference rooms we will use for the Australian National Shell Show in 2006. Many people stayed at the club after the show for dinner.

Exhibitor Program:

This included set-up of displays and judging in the morning, with awards being issued in the afternoon.

Statistics: There were 15 display categories, with a total of 60 exhibits. There were junior as well as open categories, with nine different children exhibiting. In total there were 18 exhibitors. John Franklin had a whopping 15 exhibits plus helped prepare 8 of the children exhibits. The favourite shell section had 8 entries, surpassing Volutidae with 7 exhibits and Cypraea with 6.

For children up to 14 years old, there was a special category that included pictures, articles, craft or any other shell related work they wished to prepare. With 10 exhibits this was our biggest section, and no doubt a difficult diverse category to judge. The judges comments on this section were "A high standard of entry by obviously enthusiastic and gifted children"



Normally micro shells do not look overly interesting at shows because they are too hard to see. However the three exhibits at this show were extremely well presented providing interest for all in spite of the small size of the shells. Sandra Montegue had prepared a guidebook to her display as well as magnifying glass and other tools to make her exhibit more complete. John Franklin had made special trays to sit in his display boxes and chosen colours that made his microshells easy to see.



The judges were very strict, marking displays down quite severely for the slightest error in labelling, number of shells, not enough size variation or interpreting categories too broadly (Eg including Ovulidae in Cypraea etc) However the quality of all exhibits was very high, with most sections having winners with scores over 90%. There was even one exhibit that scored an almost perfect 99%



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Children's Program:

We hired 'The Coastal Environment Centre' to come and run a children's program in the afternoon. We and they promoted this. It included touch tables of marine creatures, games, discussions, and colouring in. It was well attended by member's children, grand children, and their friends.



Lecture Program:

The morning lecture program was very interesting. There were three speakers one spoke on research into stinging sea creatures, another spoke on studying shell growth and colours using computer models, and the third was an underwater documentary movie maker. The three talks complimented each other quite well and all speakers made good use of all audiovisual mediums.

Dealers:

There were four dealers selling shells each with material for both beginners and specialist collectors.



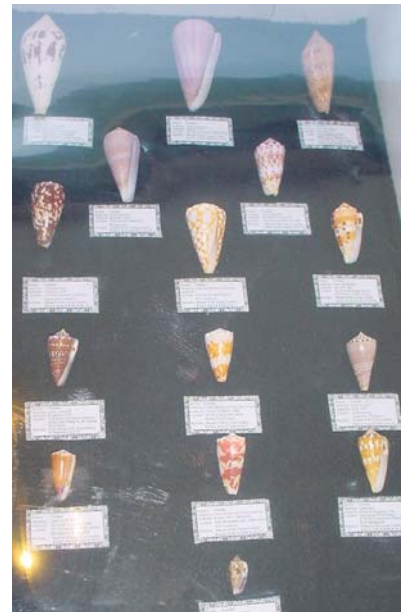
This Year:

We expect our Sydney Shell show 22nd October 2005 to be on the same scale as the 2004 show. If you are planning to exhibit at the next National Shell Show in 2006, or are a dealer or collector, then come along this October as a warm up to check out how we operate and what the venue is like.

Pictures of the shell show:

The shell of the show had five spectacular shells, and Maureen's huge Gem Cassis was the clear winner (front cover). Pictures of the other four shell of the show entries will be featured on the front covers of the next two Sheller issues.

Below are small pictures of each competitive exhibit.





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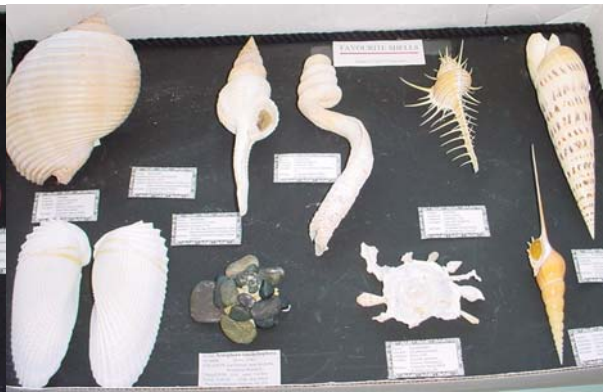
The following two are junior entries:



Adult entries:

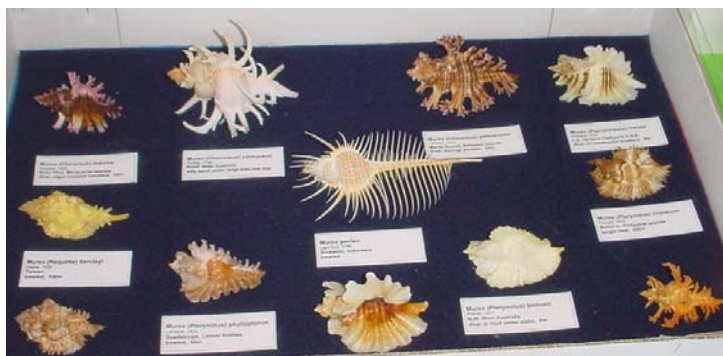
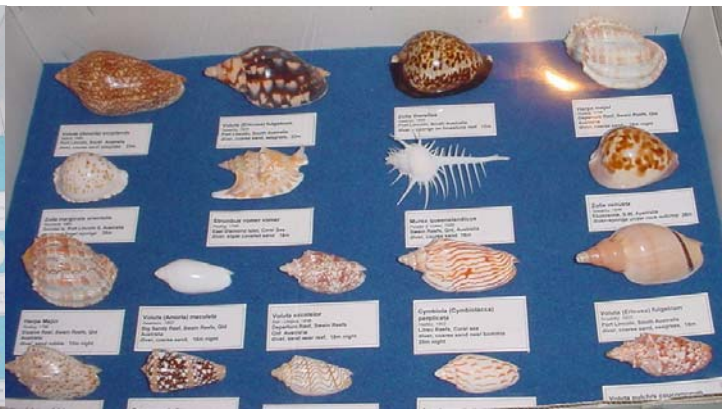


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Shell Show winners:

No.	Category	1 st Place	2 nd Place	3 rd Place
1	Shells from 1 country except Aust	Patty Jansen	Trevor Appleton	NA
2	Cypraea worldwide	Chris Barnes	John Franklin	John Franklin
2a	Cypraea worldwide, Junior Members	Peter Dean	Gabby Dean	NA
3	Micro Shells worldwide	John Franklin	Sandra Montague	John Franklin
4	Mitridae worldwide	Steve Dean	John Franklin	Patty Jansen
5	Conidae worldwide	John Franklin	John Franklin	Peter Piennar
6	Ranellidae / Bursidae worldwide	Steve Dean	NA	NA
7	Muricidae worldwide	Ron Moylan	Steve Dean	NA
8	Volutidae worldwide	Ron Moylan	John Franklin	John Franklin
8a	Volutidae worldwide, Junior	Peter Dean	NA	NA
9	Olividae worldwide	Chris Barnes	John Franklin	Steve Dean
10	Self collected shells – Australian	Ron Moylan	Chris Barnes	NA
11	Beached (Dead) shells any location	Sandra Montague	NA	NA
12	Pectindae worldwide	Steve Dean	Patty Jansen	John Franklin
13	Favourite shells	Maureen Anderson	John Dunkerley	John Franklin
14	Shell of the show	Maureen Anderson		
15	Junior members:- Drawings, stamps, photos, shell craft, reports, etc.	Peter Dean	Jade Forbes	April Dowling

Books Wanted

The Steering Committee of the Sixth Australian National Shell Show is urgently seeking donations of books for the Auction to be held during the Show 11th – 12th March 2006.

If you have any shell books, technical papers, maps of shell localities, field notes, books on fossil shells, books on land snails, pictures of shells (framed or unframed), etc. which could do with a new home, please send them to The Steering Committee, c/- John Franklin at 51 Grandview Grove, Seaforth NSW 2092. If you want to discuss delivery arrangements please call on (02) 9907 9828