

SOUTH AUSTRALIA

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**ANNUAL REPORT**

OF THE

**SOUTH AUSTRALIAN  
MUSEUM BOARD**

**2002-2003**

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# ANNUAL REPORT OF THE SOUTH AUSTRALIAN MUSEUM BOARD 2002-2003

## 1. ROLE, STRUCTURE, LEGISLATION

### Legislative Responsibilities

The role of management of the South Australian Museum is prescribed under the South Australian Museum Act, 1976-1985. The South Australian Museum is a Division of Arts South Australia. There is a Board comprising eight persons appointed by the Minister. The Board functions as a body corporate.

Members of the Board during 2002-2003 were:

Mr John Ellice-Flint (from 17 July)  
Ms Paula Capaldo  
Ms Sharon Cookson  
Mr Robert Edwards  
Dr Adele Lloyd  
Prof Margaret Sedgley  
Mr Antony Simpson  
Mr Paul Ah Chee

Mr Robert Champion de Crespigny retired from the Board on 1 July 2002. Mr de Crespigny had served as Chairman of the Museum Board from his appointment in April 1992. During this period the Museum underwent a major capital upgrade and refurbishment that culminated in the reopening in March 2000. This development provisioned the Museum with its internationally acknowledged Australian Aboriginal Cultures Gallery. In addition, Mr de Crespigny was instrumental in securing the services of Dr Tim Flannery as Director of the Museum in late 1999. Throughout Mr de Crespigny's chairmanship his commitment and dedication to the South Australian Museum proved invaluable and his contribution is gratefully acknowledged.

### ROLE

*To increase knowledge and understanding of our natural and cultural heritage; to serve the community by acquiring, preserving, interpreting and presenting to the public, material evidence concerning people and nature; and to provide opportunities for study, education and enjoyment.*

### OBJECTIVES

- Collect and preserve the State's heritage in the areas of natural history and ethnography, along with relevant documents, books and other materials germane to extending knowledge of, and providing an historical perspective on environments and cultures.

- Develop the Museum as a key research institution in its areas of strength; to disseminate its research results and to strengthen ties to relevant industry and academic institutions in the State.
- Play a key role in educating the public about the State's natural heritage, its environment, scientific research and Aboriginal cultures.

## **STRUCTURE**

No significant changes have occurred to the Museums organisation during the period under review.

An organisation chart for the South Australian Museum appears on the next page.

## **ACHIEVEMENTS AND INITIATIVES**

### **INTRODUCTION**

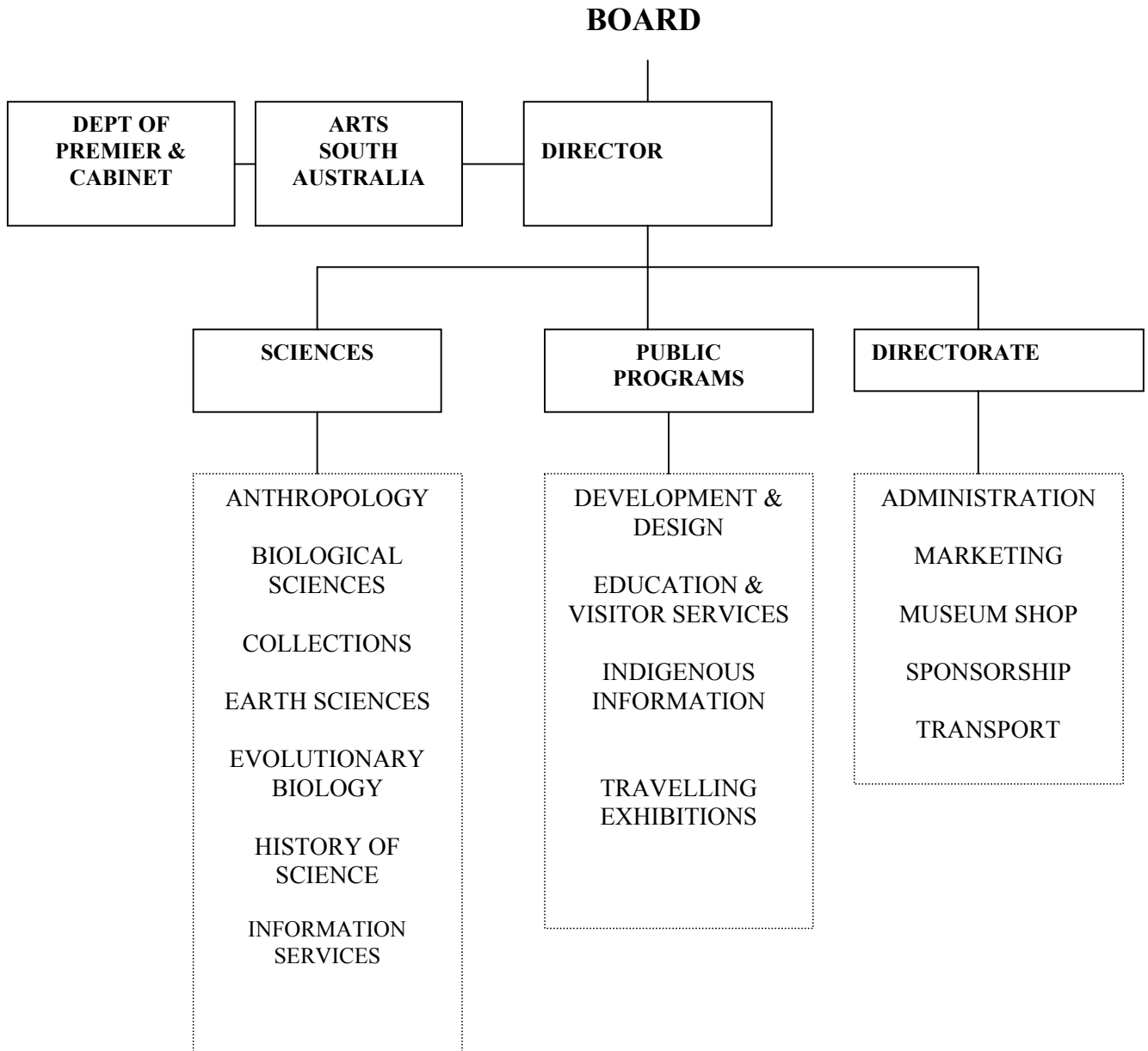
The year has remained one of significant activity in which the Museum has achieved appreciable outcomes in enhancing its engagement with the South Australian community and expanding its profile as a leading resource in cultural, academic and educational outreach.

#### Highlights

Particular highlights during the year have included

- Announcement of the Inaugural Waterhouse Natural History Art Prize an international open access art competition celebrating the wonder of our environment
- Opening of the Science Centre providing for the first time in Australia public access to a Museum's collection and research activities
- The first Museum Roadshow in which the Museum worked in conjunction with the Naracoorte Caves National Park and local Naracoorte community to present a two day schools and community program.
- Outstanding successes in obtaining Australian Research Council grant funding for science research.
- An eclectic program of temporary exhibitions, events, and activities
- Installation and switch on of the Museum's Solar Power Station
- Acquisition of Master Blackburn's Starter, the only documented artefact from the First Fleet's encounter with Aboriginal Australia.
- Treasures of the Collection, identified via the installation of new screen labels highlighting the most significant items within the Museum's publicly displayed collections.
- Consolidation of the Mawson Collection within the renovated Science Centre and transfer of the trusteeship of the Mawson Collection Trust from the University of Adelaide to the Museum.
- Revaluation of the Museum's collections
- Development of a revised Vision Statement.

**ORGANISATIONAL STRUCTURE**  
**Structure of the South Australian Museum as at 30 June 2003**



### South Australian Museum Vision

Following extensive consultation with key stakeholders the Museum Board endorsed the following as being the forward Vision Statement for the South Australian Museum.

#### **The South Australian Museum aspires to be acknowledged as a world class resource and centre of excellence –**

- **Custodian of the most significant Aboriginal collection**
- **Recognised for pursuing leading frontier research, development and interpretation of its collections**
- **Engaged with its visitors and community in presenting the natural world and its history**
- **A centre of education, innovation, wonder and fun**

### **VISITATION**

Visitor numbers for the year were 668,045 as compared to 743,994 in 2001/2002. Analysis of visitor attendances identified the absence of an extended Summer Program of free activity being the major cause of the decline. In both preceding years the Museum had been able to run weekend programs of free activities as part of its 'Out of the Glass Case' program. These activities occurring on every Saturday and Sunday afternoon from mid November to end March had appreciably contributed to the number of weekend visitors and were particularly successful in attracting a family and younger visitor profile to the Museum.

Regrettably funding limitations in the year under review constrained the scope of the 'Out of the Glass Case' program. Available resources were devoted to run the program solely in the month of March. However the March visitor attendance figure of 64,054 reflected the best March attendance the Museum had ever accomplished and strongly supports the concept of promoting the Museum through an innovative free weekend activity program.

Restoration of the 'Out of the Glass Case' Summer Program is seen as a major challenge for the Museum in the year ahead.

It is noteworthy that since the Museum's opening to the public in March 2000 following its extensive redevelopment and Gallery upgrade, over 2million visitations have been recorded to end June 2003.

During January and February the Museum undertook a detailed visitor survey seeking to identify a better understanding of visitor profile and the galleries/exhibits having the highest of visitor appeal. The survey provided valuable insight with significant findings being that 28% of visitors were from overseas and by age distribution the age range of 22-29 years achieved the highest profile. As anticipated, the Australian Aboriginal Cultures Gallery was consistently rated by visitors as the most interesting and rewarding aspect of their Museum experience.

## **GALLERY DEVELOPMENT**

The main focus of activity has seen progress on two major initiatives.

Firstly, the development of the Origin Energy Fossil Gallery focussed on the Ediacaran Fossils of the Flinders Ranges. Progress in this area will see this second stage open to the public in late 2003. Combined with the Stage 1 Opalised Fossils exhibition (opened in May 2002) the Origin Energy Fossil Gallery is developing as a major showcase of the unique fossil history of South Australia. Progress to the third and final stage reflecting Megafauna will be progressed in the forthcoming year with progress contingent on funding.

Secondly, the Museum has significantly progressed plans for the development of a new Biodiversity Gallery that will occupy the majority of space on the second floor of the Museum's East Wing. Reflecting the Biodiversity of South Australia the proposed gallery will focus on the unique biodiversity associated with the Arid Outback, Temperate Zone, Coastline and Ocean Depths. Again, the gallery's progress will be phased contingent on funding. However, the first phase has been selected to be the Ocean Depths and construction has commenced on converting a redundant lift shaft in the southern corner of the East Wing to present a unique representation of the Ocean Depths off the coast of Kangaroo Island. The main feature of this exhibit will be a Giant Squid. Funding from the Federal Department of Environment has allowed work to progress with an anticipated opening scheduled early in the new financial year. The use of a lift shaft to effectively stage a 'vertical' exhibit occupying the full height of the Museum building will offer unique challenge both in design and execution but is considered to ensure a stunning visitor experience in viewing this first component of the Biodiversity Gallery.

## **NATURAL SCIENCE BUILDING REDEVELOPMENT**

Following a \$2million capital redevelopment program on the Natural Science Building, the renamed the Science Centre was officially opened by the Premier on Friday 6<sup>th</sup> March 2003.

The redevelopment incorporated some limited improved office accommodation but more significantly created open public access space. In an Australian first, members of the public are now able to visit the Science Centre and obtain a better understanding of the scope and rationale behind the Museum's collections and the research undertaken on those collections. Further, the public access area has seen the creation an incorporated Mawson Centre. This area has enabled the Museum to consolidate the world class Mawson Collection onto the North Terrace precinct where previously the collection had been split between the Museum and the University of Adelaide, Waite Institute building.

The redevelopment also provided the opportunity for the Museum to re-establish in a single area its archive. This unique resource of the Museum continues to provision a range of information services particularly in respect of native title claims to both individuals and Government agencies throughout Australia. In line with general collections activity the archive has progressed significant work in

digitising materials to enhance their accessibility and improve preservation of primary source materials.

The Science Centre, including the Mawson Centre, and Museum Archive is open to the public Monday to Friday 10.00am to 4.00pm other than public holidays. Almost 10 000 visitors have been recorded from opening to end June 2003.

Promotion of the Science Centre to school visitors to the Museum is expected to appreciably increase the overall visitation level to the Science Centre.

## **EXHIBITION DEVELOPMENT**

The temporary exhibition space in the Museum's North Wing hosted 5 exhibitions during the year.

Sweep of Savage Splendour presented an extraordinary exhibition of photographs initially curated by the Australian High Commission in Canada. The exhibition represented the enduring history of association Australia has had with the Antarctic and gave particular prominence to Australia's most enduring Antarctic figure, Sir Douglas Mawson, and Australia's greatest Antarctic photographer, Frank Hurley.

Ozgold Award 2002 ran from late September to end October. The exhibition showcased innovative Australian contemporary jewellery design and was an initiative of the Australia Gold Council. The work of 20 leading Australian jewellers was exhibited. The exhibition also provided the opportunity to welcome from it's international and national touring the return to the Museum of the Normandy Nugget, the world's second largest gold nugget that following the acquisition of Normandy Mining has been provided to the Museum on indefinite loan by it's new owners Newmont Australia. The return of the Normandy Nugget and the opening of the Ozgold Award exhibition heralds a new association between the Museum and Newmont Australia.

In October the Museum jointly curated with the Art Gallery of South Australia, the exhibition Art of Arnhem Land 1948-1952 reflecting the Aboriginal artworks collected and documented during Charles Mountford's historic expeditions to Arnhem Land. The scope of the collections of bark paintings, wooden carvings and beeswax figurines held by both institutions provided a perfect opportunity to exhibit concurrently at both the Art Gallery of South Australia and Museum. The success of this joint endeavour certainly indicates the potential of further collaborative exhibitions in the future.

'Nature personified' the Art of Helen Leitch presented 32 new anthropomorphic paintings. The exhibition was developed jointly between the artist and the Museum with the assistance of Chris Steele-Scott committee member of the Museum's Waterhouse Club. The exhibition is now part way through a national tour with the artworks returning to the Museum in early 2004. Additionally, 'Nature Personified' was used as creative backdrop in developing related performances during the Come Out festival.



'Leunig Animated' was exhibited from mid April to end July. The exhibition incorporated 40 original cartoons representing the 30 year career of one of Australia's most talented cartoonist, artist, poet and social commentator. Further exhibits were derived from the recent successful endeavours to create animation of the Leunig cartoons including working drawings, puppets, dioramas and a documentary on the making of 'Leunig Animated'. The exhibition attracted strong support both from those familiar with Leunig's work and new converts introduced to his work by the recently released short animated films. Michael Leunig was able to formally launch the exhibition and kindly donated an original artwork which was auctioned during the official opening with the funds achieved being donated to the charity - Youth Opportunities.

In the adjunct gallery to the Australian Aboriginal Cultures Gallery a further range of exhibitions empathetic to Indigenous culture have occurred.

'Dislocation' was an art installation arising from a collaborative project between Yambo Kartauya, Ngauke Burka, Georgina Williams, Gavin Malone and senior Kurna women and reflected the journey of Kurna dislocation countered by contemporary cultural and spiritual renewal.

'Culture Shock' an art exhibition of the Stolen Generation with paintings by Lawry Love achieved significant visitor feedback in relation to its haunting images. A visitor feedback comment canvas maintained throughout the exhibition provided significant feedback in relation to the increased understanding of the Stolen Generation and the consequent need of healing and reconciliation.

## **TOURING EXHIBITIONS**

The Museum's Education section Touring Exhibition Service presented 'Life of the Past' to some 10 000 school students in locations embracing Kimba, Cleve, Tumby Bay, Pt Lincoln, Cummins, Wudinna, Streaky Bay, Ceduna, Keith, Naracoorte, Mt Gambier, Penola, Millicent, Kingston, Lucindale, Bordertown, Roxby Downs and Coober Pedy.

The Museum's focus exhibition 'Space' – featuring the career of South Australia's own astronaut Dr Andy Thomas, was successfully toured to Canberra, Melbourne and Tasmania.

'Images of the Interior' a photographic exhibition drawn from Museum archival material and reflecting the outback work of seven anthropologists during the first half of the 20<sup>th</sup> century was curated to accompany the opening of the annual National Trust Conference at Burra. It is anticipated the exhibition will be shown next year at the South Australian Museum. A duplicate of this exhibition is currently touring Europe.

## **FOCUS EXHIBITIONS AND OTHER EVENTS**

Continuing its commitment to engage in the broadest possible way with the south Australian community the Museum also partnered to assist the realisation of a number of particular focus exhibitions during the year. In particular these included 'Standing Out' in conjunction with the Feast Festival representing the

autobiographical input of some 100 leading members of the Adelaide Gay and Lesbian community.

In April the Museum assisted the Neurosurgical Research Foundation in presenting an exhibition reflecting the outstanding contribution made by South Australians to Neurological surgery and providing a public venue to compliment the Foundation's general publicity and awareness activities.

Also in April the Museum was delighted to work with the South Australian Thoroughbred Racing Association and in partnership bring to the Museum an exhibition associated with 'Racing Legends' that provided opportunity to display selected artefacts drawn from the collection of the Australian Racing Museum at Caulfield. This partnership, coincidental with the Adelaide Cup racing carnival again provided opportunity to establish a city presence for this significant event.

In reflecting the Museum's endeavours to fully utilise its gallery resources the Museum was also delighted to assist local artist Andy Rasheed to present 'Eyefood' – a collection of abstract macro photographs of flowers and plants taken in natural light. Working closely with the artist the Museum was able to make available its temporary gallery space between programmed exhibitions and as a result gave Andy Rasheed the opportunity of a North Terrace presence for 'Eyefood' exhibition during March.

In August 2002 the Museum was pleased to host the opening of National Science Week activities for South Australia. Minister Lomax-Smith led a morning of celebrations reflecting the diversity, interest and engagement of science to an enthusiastic range of school visitors. The Museum's linkages to a wide range of scientific institutions and societies enabled it to promote the vibrancy of science and science opportunities available within South Australia.

The Museum was also pleased to be associated in hosting the launches of the SA Tourism Commission's Unwinding Roads advertising campaign, the launch of the Bay to Birdwood Rally and the launch of the Centre for Urban Environments, a joint initiative between State Government and the Adelaide City Council.

In March with the support of various Water Catchment Boards the Museum promoted Water as being our greatest treasure. However, this was done in the context of selecting unique treasures from the Museum's publicly displayed collections and identifying each item by means of a mini screen display enabling greater background information and context to be provided on each of the selected artefacts. This initiative is further promoted to visitors by a specific Museum Treasures Map.

Amongst the Treasures, the Museum was pleased to publicly display the only authenticated artefact surviving from the First Fleet. Master Blackburn's Starter was acquired by the Museum with the generous support of Macquarie Bank and a grant under the Federal Government's Moveable Cultural Heritage Scheme from Environment Australia. Master Blackburn's starter is an Aboriginal Club acquired by Master Blackburn, Captain of 'The Supply', the first vessel to enter Botany Bay. The club, on its return to England was refashioned by Master Blackburn into a 'Starter' or cat-o-ninetails. The juxtaposition of an original artefact being converted into an instrument of European punishment, and the

proven provenance, makes this one of the true Treasures of the Museum and adds an utterly unique artefact to the State's heritage collections.

During the 2003 'Come Out' Youth Festival the Museum forecourt and galleries were utilised extensively as performance space. These areas hosted 'Gravitas', 'Whimsical Wildlife', 'Dancing with Diprotodons', and 'TeIwi'. The success of this experience leads the Museum to hope that it may become a primary location for 'Come Out' events in the future.

The Museum has continued its association with Craft South and undertaken collaborative projects associated with special events aimed at encouraging children to participate in practical hands on craft activity. The success of this collaboration will lead to more broad ranging initiatives in the future.

In March the Museum concluded a revised Memorandum of Understanding with the University of Adelaide. This agreement, established for a five year term, further builds and develops the relationship between the two institutions that has demonstrably reflected benefits in shared resources, containment of operating costs, joint appointments and developing opportunities for the joint application for major research grants. The Museum looks forward to the ongoing development of its relationship with the University of Adelaide.

In April the Museum developed a revised working association with 2 of its sponsor partners in the form of VAF Research and KOJO. Both companies are South Australian based and are industry leaders in their respective fields of audio-visual technology and multi-media development. The tripartite arrangement has adopted the name of the Catalyst Group with the objective of utilising the Museum's needs of gallery development, data management, and enhanced accessibility to collections providing specific vehicles for the application of both VAF and KOJO technologies. The group is further considering the potential commercialisation of such developed applications.

The Education and Visitor Services team reintroduced a monthly public lecture series. This program is showing steady audience growth attracting a number of regular attendees. The program has been deliberately orientated to provide opportunity for Museum staff to talk about their particular area of expertise in an informative and often intriguing manner. Such lecture subjects have embraced palaeontology, exhibition development and taxidermy, energy efficiency etc. The Museum is committed to the development of this public lecture program and intends to build associated activities eg field visits, around the program.

## **NORTH TERRACE REDEVELOPMENT**

The Museum has assisted wherever possible its neighbour the State Library of South Australia during the Library building redevelopment program. In common with other North Terrace precinct neighbours the Museum has also participated in the extensive consultative process being pursued as part of the joint State Government / Adelaide City Council program to upgrade North Terrace.

Implicit in the North Terrace redevelopment is the realisation of a new forecourt area for the Museum. The opportunity to achieve a revised forecourt design incorporating both accommodating, welcoming public space that also imparts an

environmental sustainability message is an objective the Museum looks forward to achieving.

## **MAWSON COLLECTION TRUST**

After extensive consultation with the University of Adelaide (Trustee of the Mawson Collection Trust) and the Mawson family, agreement was achieved to transfer trusteeship of the Mawson Collection Trust from the University of Adelaide to the South Australian Museum. This change was effected by Supreme Court authority in September. As referenced earlier, this change has been used to facilitate the centralisation of the Mawson Collection within the Museum's North Terrace buildings. The Museum looks forward to the opportunity this change has created to further develop the combined Mawson Collection with the objective of making the South Australian Museum the acknowledged national repository of Antarctic history and scholarship.

## **REGIONAL ACTIVITY**

Maintaining its endeavours to overcome a city centric focus, the Museum's Director and staff have undertaken a range of speaking engagements throughout regional South Australia.

For some time the Museum had been considering how to project and achieve an opportunity to engage with regional communities. Varying discussions eventually led to the proposal of partnering with the Naracoorte Caves, the State's only World Heritage listed site, as offering a superb location that could host a 'Museum Roadshow' to the South-East. This concept, developed in conjunction with Naracoorte Caves management, received immediate and extensive support from Telstra Country Wide that allowed the Museum to undertake its first regional Roadshow in March.

The format entailed the Director with 10 scientific, educational and anthropological staff providing a structured schools program – 'Classrooms in the Caves' - scheduled for Friday 21 March followed by an Open Access community day on Saturday 22 March. Preliminary advice to local schools achieved an overwhelming response and some 530 school children drawn from schools throughout the South East attended the Friday program activities. The response from schools was sufficient to warrant additional sessions being scheduled for the Saturday morning enabling schools from as far afield as Geelong the opportunity of attending.

The community day itself proved successful and concluded with a dinner hosted by the Mayor of Naracoorte on the Saturday evening at which the Director was guest speaker. The response from the Naracoorte and regional community was outstanding, in particular the logistics support offered by Mr Steve Bourne, Manager Naracoorte Caves and his staff. This Inaugural Roadshow experience has given the Museum every confidence in developing plans for further Roadshows throughout regional South Australia.

## **THE WATERHOUSE NATURAL HISTORY ART PRIZE**

On the 25<sup>th</sup> August 2002 the Museum announced its commitment to establish a national art competition. The date was selected specifically to reflect the anniversary of the birth of Mr Frederick George Waterhouse, the first curator of the South Australian Museum.

The Waterhouse Natural History Art Prize is proposed to become an annual event held in August each year. \$85 000 prize money makes the Waterhouse the richest Natural History Art Prize in Australia. Entries are sought in three categories being Oils and Acrylics, Watercolour, mixed media, and Sculpture.

Significant media attention has accompanied the announcement of this competition and the Museum is encouraged by the extremely positive response from artists throughout Australia. As a result there is developing confidence that this initiative will prove successful and establish the Waterhouse Natural History Art Prize as a major event in the national visual arts calendar.

## **SCIENCE**

The museum achieved outstanding success in the 2002 Australian Research Council (ARC) grant round. 90% of applications were successful with funding awarded to the South Australian Museum exceeding the combined ARC funding awarded to all other Australian Museums.

The publications list that follows reflects the Museum's growing scope and a reputation as a centre of science excellence.

Continuing development of the relationships with the University of Adelaide, Flinders University, and University of South Australia, as well as local centres of research excellence provides the Museum with the capacity to contribute and enhance the development of education, research and new industry development within South Australia.

The Museum's Director, Dr Tim Flannery, accepted the invitation by the Premier to join the newly created South Australian Science Research Council. The appointment brings distinction to both Dr Flannery and the South Australian Museum.

## **COLLECTIONS**

The major activity in the period under review has been a complete revaluation of the Museum's collections. Details of the Review are set out in the notes accompanying the financial statements.

In addition, the Museum has been pursuing development of a database management system with the objective of both rationalising collection management data, whilst making the collections more accessible to researchers. This development will further advance the opportunities to interface the collection database with exhibition touch screen technology with the ultimate objective of provisioning user friendly public access to the Museum's collections.

Following on from the redevelopment and opening of the Science Centre considerable work has progressed in reviewing the storage requirements of the Museum's spirit collections. Work remains ongoing with the objectives of optimising storage resources whilst ensuring complete compliance with all prevailing regulatory and legislative requirements associated with the safe storage of such materials.

## **WEB SITE**

The Museum's website recorded some 5.8million 'hits' during the year. It is apparent that the website now plays a significant role in provisioning information on the Museum. As a result the Museum is currently engaged in developing a strategic redevelopment of its website that will enhance the capacity of the site to disseminate a wider range of detailed information in regard to the Museum's current research programs and allow an interactivity with the developing number of visitors who seek to sustain an ongoing association with the Museum.

## **STAFF MATTERS**

The Museum was delighted to celebrate the 40<sup>th</sup> service anniversary of Ms Jan Forrest, Collection Manager Entomology, in May. During her service Ms Forrest has worked with seven Directors, undertaken fieldwork throughout South Australia, Western Australia, Queensland and the Northern Territory and offered an inestimable contribution to the Museum. In addition her achievements include the Order of Australia Medal for services to Guides SA of which she is still President, in addition to being Vice President of Youth Hostels Association and Secretary of Butterfly Conservation SA Inc. The Museum is pleased to publicly acknowledge Ms Forrest's outstanding service.

Mr Simon Langsford, the Museum's Senior Education Officer, received the South Australian Science Teachers Association Medal in recognition of his contribution to Science education at a national, state and local level. Mr Langsford's expertise in bringing innovative teaching and learning methodologies to the Museum has also included substantial input to the development of numerous exhibitions. In particular, the development of the Mawson Gallery and the Touring Exhibition Service has inspired thousands of student visitors and introduced them to the excitement of science and discovery.

In keeping with the initiatives pursued by Arts SA, the majority of Museum staff have participated in training programs related to improved Occupational, Health, Safety and Welfare practice.

Under the auspices of a Board committee a strategic succession plan is being developed reflecting the Museum's projected staff development needs on a forward basis.

## **PUBLICATIONS**

Museum staff members have authored or co-authored 109 publications as detailed in the Publications Report.

## **INDIGENOUS INFORMATION CENTRE**

The Indigenous Information Centre continues to provision related support in respect of the Australian Aboriginal Cultures Gallery to both Indigenous and non-Indigenous visitors. In addition, the centre has further developed its services in assisting Aboriginal Family History enquiries from Aboriginal people on both a local and national basis.

Assisted by specific funding from the Aboriginal Torres Strait Islander Commission (ATSIC) the Indigenous Information Centre has progressed a number of partnerships and collaborations with Indigenous communities throughout South Australia relating to community and family histories, exhibitions, publications and the development of cultural keeping places.

Throughout all school holiday periods the Indigenous Information Centre provided a range of programs related to Aboriginal culture and craft and in addition provided a focussed series of programs associated with National Aboriginal Islander Day Observance Committee (NAIDOC) week.

## **ABORIGINAL RECONCILIATION STATEMENT**

The Museum's tangible engagement with the Aboriginal community through the services of its Indigenous Information Centre, outreach programs, and exhibitions reflects a practical contribution toward reconciliation. In addition, promulgated policies of the Museum Board seek to further enhance the contribution the Museum can make toward community reconciliation.

## **DISCOVERY CENTRE**

The Discovery Centre continues to build its reputation as a unique repository of information in relation to the Museum's collections and exhibitions. Over 7 000 in person and telephone enquiries were handled by the staff, reflecting the extraordinary expectation of the community in the Museum's capacity to answer questions associated with natural history.

The Discovery Centre continues to play a key role in conjunction with the Museum's Education Services in the delivery of a range of programs during school holidays. These programs continue to attract significant support and are contributors to the extraordinary visitation levels the Museum accomplishes during school holiday periods.

## **COMMERCIAL ACTIVITIES**

Both the Museum Shop and Museum Café exceeded budget targets. Respective involvement in the publication of a Christmas Catalogue and the growing function catering business further contributed to the overall development achieved during the year.

## **VENUE HIRE**

With improved marketing the Museum has continued to build its reputation as an attractive location for corporate and private functions. In addition, the Museum has been pleased to assist a number of not-for-profit organisations by providing its facilities for fundraising functions and activities.

## **SPONSORSHIP/ BUSINESS DEVELOPMENT**

Development has continued on building the sponsorship opportunities the Museum can offer. By means of appropriate partnerships the Museum continues to build the range of companies associated with its activities by means of cash or 'in-kind' sponsorship. The Museum thanks all its sponsor partners and donors for their continuing support without which the Museum would be severely restricted in the delivery of its public programs exhibitions, events and activities.

## **GRANTS**

A total of \$1 146 369 was awarded in grants to the Museum.

## **MEDIA**

Sustaining its excellent relationships with all sectors of both national and international media the Museum has further enhanced its profile. In addition to extensive editorial coverage, Museum staff members are consistently requested to provide expert input into a wide range of matters related to natural history and the environment. In the absence of any marketing budget the successful achievement of promoting the Museum's activities via free media coverage is critical to the objective of securing engagement with the South Australian community and promoting the Museum's diverse activities.

## **SUPPORT ORGANISATIONS**

The Museum continues to receive outstanding assistance from the commitment of its two support groups - the Friends of the South Australian Museum and the Waterhouse Club. Both groups have operated an entertaining and informative range of member and public activities during the year. In particular, the Friends daily free-guided tours of the Museum continue to be well received and appreciated by many visitors.

The Waterhouse Club have hosted a number of guest lectures and undertaken scientific expeditions both inter and intra state, as well as maintaining an extensive and diverse program of social activities.

The Museum remains constantly indebted to the ever-supportive commitment of the Friends and Waterhouse Club members.

## **VOLUNTEER SUPPORT**

The Museum has continued to enjoy outstanding support across a wide range of its activities from a dedicated group of volunteers. In particular, the contribution



to assist and support scientific research has been appreciable and is gratefully acknowledged by the Museum.

## **WORK EXPERIENCE**

Continuing its community role, the Museum has proved a popular choice for Year 11 students seeking work experience placements, with some 20 placements awarded.

## **SOLAR POWER**

In launching the State Government's Energy Policy in May 2002 the Premier announced the provision of a Grant of \$200 000 to assist the South Australian Museum in further developing the small solar panel installation the Museum had established in 2001. Following an extensive review of expressions of interest the Museum further enhanced it's partnership with Origin Energy in appointing Origin to assist the Museum in realising this major Solar Power facility.

On November 27<sup>th</sup> the Museum was delighted to invite the Premier to formally switch on it's 112 new solar panels. The previously announced Government funding had enabled the Museum to establish 19.8Kw output installation fed directly into the Museum electricity system.

The Solar Panel installation can be viewed by visitors via a plasma screen presentation situated in the Museum foyer. The main screen outlining the general background to the panels and their installation is also accompanied by a smaller screen showing real-time power generation. In the ever increasing energy cost environment the solar power installation is proving of significant interest to a number of visitors.

## **ENERGY EFFICIENCY ACTION PLAN**

The above-referenced solar panels contribute in the order of 5% of the Museum's North Wing electricity requirements. However, the Museum undertook to use the Solar Power initiative as a means to engage staff in pursuing additional energy efficiency opportunities. With an extremely positive staff response and in conjunction with Origin Energy the Museum has been reviewing in detail it's key energy usage areas in respect of air-conditioning, lighting, equipment, energy consumption, metering and exhibition design. Individual staff have focussed on particular issues and identified appreciable opportunities to further reduce the Museum's energy consumption. Timer switches, low energy replacement equipment, reconfiguration of light switches and an overall increased awareness of energy usage have contributed to a further 5% energy saving. The Museum will continue it's Energy Efficiency Action Plan recognising the obvious benefits of reduced energy costs enabling savings to be utilised in other areas of activity whilst contributing to the environment through reduced greenhouse gas emissions.

## **FUTURE**

The year under review has been one of intense activity and initiatives across all facets of the Museum's operations. The challenge for the year ahead will be the further development and consolidation of these activities and initiatives against a

background of continuing financial restraint. The Museum is acutely aware of the ever diverse demands on the State Government's budget and as a result sees the challenge for the year ahead being three fold

- 1) to live within its means,
- 2) continue to present an eclectic range of exhibitions, programs, activities and events in a cost effective manner and
- 3) to ensure the very best possible return on the State Government's investment.

In particular, key challenges will devolve on

- the delivery and establishment of the Waterhouse Natural History Art Prize ,
- the broadening of the Museum's support base including an active recruitment campaign for both volunteers and supporters,
- the launch of the South Australian Museum Foundation to generate additional funding particularly in respect of collection development and minor capital works,
- accomplishment of the forecourt redevelopment,
- managing ever growing cost pressures whilst providing some operating funds to assist in the realisation of new exhibitions programs and events,
- continued development and enhancement of the Museum's reputation and regard in scientific research.

**PUBLICATIONS – SOUTH AUSTRALIAN MUSEUM STAFF  
2002-2003**

1. Alarie Y Archangelsky M, Nilsson AN, **Watts CHS.** (2002) Larval morphology of genus *Lancetes* (Coleoptera: Adephaga: Dytiscidae): the hypothesis of sister-group relationship with the subfamily Dytiscinae revisited. *The Canadian Entomologist* 134, 467- 501.
2. Anderson, T.K., **Chisholm, L.A. & Whittington, I.D.** (2003). Ecology and community structure of monogenean gill parasites from the Shovenose Ray, *Rhinobatos typus*. First Annual Northeast Ecology and Evolution Conference (NEEC)
3. **Austin, A.D., R.H. Fisher,** M.S. Harvey, **D.B. Hirst,** N.A. Locket, C.P. Madden, F. Reay and **W. Zeidler** (2002). Terrestrial invertebrates. Pp 123-141 In: M.Davies, C.R. Twidale & M.J. Tyler (Eds). *Natural History of Kangaroo Island.* Royal Society of South Australia, Adelaide.
4. Bell, C. H., **Kemper, C. M.** and Conran, J. G. (2002) Common dolphins *Delphinus delphis* in southern Australia: a morphometric study. *Australian Mammalogy* 24,1-10.
5. Berlepsch, P., Armbruster, T., **Brugger, J.,** Criddle, A.J. and Graesner, S. (2003). Tripuhyite FeSbO<sub>4</sub> revisited. *Mineralogical Magazine*, 67, 31-46.
6. Birch, W.D., **Pring, A.** and Wallwork, K. (2002) Mendozavilite from the Fitzgerald River district, Western Australia. *Australian Journal of Mineralogy*, 8, 11-15.
7. Bromham, L., Woolfit, **M., Lee,** M.S.Y., Rambaut, A. (2002) Testing the relationship between morphological and molecular rates of change along phylogenies. *Evolution* 56, 1921-1930.
8. **Brugger, J.,** Ansermet, S. and **Pring, A.** (2003). Uranium minerals from Mt. Painter, Northern Flinders Ranges, South Australia. *Aust. Journal of Mineralogy* 9, 15-31.
9. **Brugger, J.,** Burns, P. and Meisser, N. (2003). Contribution to the mineralogy of acid drainage of Uranium minerals: marecottite and the zippeite group. *American Mineralogist* 88, 676-685.
10. **Brugger, J.,** Krivovichev, S., Kolitsch, U., Meisser, N., Ansermet, S. and Burns, P. (2002). Description and crystal structure of manganlotharmeyerite, from the Startlera Mn-deposit, Swiss Alps, and a redefinition of lotharmeyerite. *Canadian Mineralogist*, 40, 1597-1608.

11. **Brugger, J.**, Long, N., McPhail, D.C., Plimer, I. And Lahaye, Y. (2003). Uranium in the Mt Painter Inlier, South Australia: From high temperature hydrothermal deposits to groundwater. International Workshop 'Uranium deposits: from their Genesis to their Environmental Aspects. Nancy, April 2003
12. **Brugger, J.**, McPhail, D.C., Wallace, M. and Waters, J. (2003). Formation of willemite in hydrothermal environments. *Economic Geology*, 98, 819-835.
13. **Brugger, J. and Meisser, N.** (2002) Turtmannite, a devilish sandwich. *Le Cristallier Suisse*, 35, 13-17 & 25-28 (French and German)
14. Bull, N.J., Schwarz, M.P. and **Cooper, S.J.B.** (2003) Phylogenetic divergence of the Australian allodapine bees. *Molecular Phylogenetics and Evolution* 27, 212-222.
15. **Chisholm L.**, Cribb B., Gould R. & **Whittington I.** (2002) Morphology, ultrastructure and function of ciliated sensory structures on developmental stages of *Merizocotyle icopae* (Monogenea: Monocotylidae). Annual Scientific Meeting of the Australian Society for Parasitology Inc., September 29 to October 3 2002, Hobart, Tasmania, Australia. (Abstract with program, p. 46).
16. **Chisholm L.A. & Whittington I.D.** (2002) Effectiveness of praziquantel bath treatments for monogenean infections on the shovelnose ray, *Rhinobatos typus*. *Journal of Aquatic Animal Health* 14, 230-234.
17. **Chisholm L.A. & Whittington I.D.** (2002) Efficacy of Praziquantel bath treatments for monocotylid monogenean infections of the shovelnose ray, *Rhinobatos typus*. Annual Scientific Meeting of the Australian Society for Parasitology Inc., September 29 to October 3 2002, Hobart, Tasmania, Australia. (Abstract with program, p. 25).
18. Ciobanu, C.L., Cook, N.J. and **Pring, A.** (2003). Gold Enrichment and Bi-mineral assemblages in ores: examples from shield and orogenic areas. *Geophysical Research Abstracts* 5: 13549.
19. **Clarke, P.A.** 2002. Aboriginal Culture. Pp.61-2 in D. Brook (ed) 'Cruising from Goolwa. Cruising Notes from the Lower Murray, The Lakes and The Coorong.' Second edition. Hyde Park Press, Adelaide.
20. **Clarke, P.A.** 2002. Early Aboriginal Fishing Technology in the Lower Murray, South Australia. *Records of the South Australian Museum* 35(2): 147-67.

21. **Cooper S. J. B.**, Hinze S., **Leys R.**, **Watts C. H. S.** and Humphreys W. F. (2002) Islands under the desert: molecular systematics and evolutionary origins of stygobitic water beetles (Coleoptera: Dytiscidae) from central Western Australia. *Invertebrate Systematics* 16, 589-598.
22. **Cooper S.J.B.** S. Hinze, **R.Leys**, **C.H.S.Watts** and W.F.Humphreys (2002) Islands under the desert: molecular systematics and evolutionary origins of stygobitic water beetles (Coleoptera: Dytiscidae) from central Western Australia. *Invertebrate Systematics* 16, 589-598.
23. **Cooper, S. J. B.**, Hinze, S., **Leys, R.**, **Watts, C. H. S.**, and Humphreys, W. F. (2002) Islands under the desert: molecular systematics and evolutionary origins of stygobitic water beetles (Coleoptera: Dytiscidae) from central Western Australia. *Inv. Syst.* 16, 589-598.
24. **Craig, B.** (2003). South Australian News in National News section of Australian Registrars Committee Jnl June 2003 edition. Vol. No. 45.
25. **Donnellan, S.**, **Kemper, C.**, Bell, C. and White, C. (2002) How many common dolphin species live in Australian waters? *Waves* 9 (1), 15.
26. Droser, M.L., Jensen, S., **Gehling, J.G.**, Myrow, P.M. and Narbonne, G.M. (2002) Lowermost Cambrian Ichnofabrics from the Chapel Island Formation, Newfoundland: Implications for Cambrian Substrates
27. **Eckert, J.** (2002). Notes on the Australian Pratincole. *South Aust. Ornithologist* 34(1), 25-26.
28. **Eckert, J.** (2002). Obituary: Gordon Beaumont Ragless. *South Aust. Ornithologist* 34(1), 31-32.
29. **Eckert, J.** & Ludewigs, M. (2003) A Yellow Chat, *Epthianura crocea*, at Tolderol Game Reserve. *South Australian Ornithologist* 34(2&3), 83084.
30. **Eckert, J.** (2003) Brown Falcon subdued by prey. *South Australian Ornithologist* 34(2&3), 85-86.
31. **Eckert, J.** (2003) Comments on some birds of the Birdsville Track. *South Australian Ornithologist* 34(2&3), 86-87.
32. **Elburg, M.**, **Bons, P.** and **Brugger, J.** (2002) Palaeozoic events around Arkaroola, northern Flinders Ranges, South Australia. 16<sup>th</sup> Australian Geological Convention, 1-5 July 2002, Adelaide, South Australia.

33. **Etschmann, B., Pring, A., Putnis, A., Grguric, B., McCammon, C.A. and Struder, A.** (2002) The Kinetics of pentlandite Exsolution. International Union of Crystallography meeting Abstracts Volume Geneva.
34. **Etschmann, B., Pring, A., Putnis, A., Grguric, B., Studer, A., and McCammon, C.** (2002) Kinetics of exsolution in the Pentlandite-Pyrrhotite ((Fe,Ni)<sub>9</sub>S<sub>8</sub> - Fe<sub>1-x</sub>S) system. 18<sup>th</sup> General meeting of the International Mineralogical Association, Edinburgh Abstracts Volume, 266.
35. **Flannery, T.F.** (edited and introduced) (2003) Sailing Alone Around the World. Text, Melbourne.
36. **Flannery, T.F.** (2003) Beautiful Lies. Population and Environment in Australia. Quarterly Essay 9, Black Inc. Melbourne.
37. **Flannery, T.F.** (2002) The Birth of Melbourne. Text, Melbourne.
38. **Flannery, T.F.** (2003) Population Earth. Times Educational Supplement TES Teacher May 16, 12-15.
39. **Flannery, T.F.** (2003) Bushfire of our vanities. The Bulletin February 4, 2003, 18-19.
40. Gardner, M.G., Bull, C.M., & **Cooper, S.J.B.** (2002) High levels of genetic monogamy in the group-living Australian lizard *Egernia stokesii*. Molecular Ecology 11, 1787-1794.
41. Grutter A.S., Deveney M.R., **Whittington, I.D.** & Lester R.J.G. (2002) The cleaner fish *Labroides dimidiatus* affects the capsalid monogenean *Benedenia lolo* on the labrid fish *Hemigymnus melapterus* on the Great Barrier Reef. Journal of Fish Biology 61, 1098-1108.
42. Helgen, K.M. & **Flannery, T.F.** (2003) Distribution of the endangered Pacific Sheathtail Bat (*Emballonura semicaudata*). Australian Mammalogy 24.
43. **Hamilton-Bruce, R.J., Smith, B.J. & Gowlett-Holmes, K.L.** (2002). Descriptions of a new genus and two new species of viviparid snails (Mollusca: Gastropoda: Viviparidae) from the Early Cretaceous (middle-late Albian) Griman Creek Formation of Lightning Ridge, northern New South Wales. Records of the South Australian Museum 35, 192-203.
44. **Hamilton-Bruce, R. & Kear, B. P.** (2002) Opal snails: tiny fossils of Lightning Ridge. Metal, Stone & Glass 19.

45. **Hirst, D. B.** (2003) The European Wasp in Adelaide. *Australasian Arachnology* 66, 4-5.
46. **Hirst, D.B.** (2003). Spiders and Wine. *Australasian Arachnology* 67, 7.
47. **Horton, P.** (2002). Obituary: John Maxwell Truran. *South Aust. Ornithologist* 34(1), 29-30.
48. Jensen, S., **Gehling, J.G.**, Droser, M.L. & Grant, S.W.F. (2002). A scratch circle origin for the medusoid fossil *Kullingia*. *Lethaia* 35, 291-299.
49. **Kear, B. P.** (2002) Phylogenetic implications of macropodid (Marsupialia: Macropodoidea) postcranial remains from Miocene deposits of Riversleigh, northwestern Queensland. *Alcheringa* 26, 289-308.
50. **Kear, B. P.**, in review: Biogeographic and biostratigraphic implications of Australian Mesozoic marine reptiles. *Australian Biologist*.
51. Lahaye, Y., **Brugger, J.** and Meisser, N. (2002) In-situ  $^{230}\text{Th}$ - $^{234}\text{U}$ - $^{238}\text{U}$  dating by laser ablation multi-collector ICP-MS of U-minerals. 8<sup>th</sup> International Conference on Plasma Source Mass Spectrometry. University of Durham, UK, 8-13<sup>th</sup> September 2002. Special of the Proceedings of the Royal Society of Chemistry.
52. Lambkin, C.L., Lee, **M.S.Y.**, Winterton, S., Yeates, D.K. (2002) Partitioned branch support and the problem of multiple trees. *Cladistics* 18:436-444.
53. **Langsford, S**, Meredith S, Munday B, (2002) Salinity in Plants, Investigating; *Australian Primary and Junior Science Journal*, Vol 18, 4.
54. **Lavigne, R.J.** (2003). Evolution of courtship behaviour among the Asilidae (Diptera) with a review of courtship and mating. *Studia dipterologica* 9(2), 703-742: Halle(Saale).
55. **Lee, M.S.Y.** (2002). Online database could end taxonomic anarchy. *Nature* 417, 787-788
56. **Lee, M.S.Y.** (2002). False dental records / Ant traffic snarls (short pieces for 'Nature Strip' column). *Nature Australia* 27(6), 12-13, 27(7), 13-14
57. **Lee, M.S.Y.** (2003). Species concepts and species reality: Salvaging a Linnaean rank. *Journal of Evolutionary Biology* 16, 179-188.

58. **Lee, M.S.Y.** (2003). In with a bang? (short piece for 'Nature Strip' column). *Nature Australia* 14, 27(8), 12-14.
59. **Lee, M.S.Y.**, Doughty, P. (2003) The geometric meaning of macroevolution. *Trends in Ecology and Evolution* 18, 263-266.
60. **Lee, M.S.Y.**, Hugall, A.F. (2003). Partitioned likelihood support and the evaluation of data set conflict. *Systematic Biology* 52, 11-22.
61. **Lee, M.S.Y.** and **J.D. Scanlon.** (2003). The Cretaceous marine squamate *Mesoleptos* and the origin of snakes. *Bulletin of the British Museum of Natural History* 68, 131-142.
62. **Lee, M.S.Y.**, **Scanlon, J.D.** (2002) Snake phylogeny based on osteology, soft anatomy and behaviour. *Biological Reviews* 77: 333-401.
63. **Lee, M.S.Y.**, **Scanlon, J.D.** (2002) The Cretaceous marine reptile *Mesoleptos* and the origin of snakes. *Bulletin of the British Museum of Natural History, Zoology* 68, 131-142
64. **Lee, M.S.Y.**, Wolson, M. (2003). Cohesion, individuality and the nature of species. *Biology and Philosophy* 17, 651-650.
65. **Leys R.**, **Cooper S.J.B.** and Schwarz, M.P. (2002) Molecular phylogeny and historical biogeography of the large carpenter bees, genus *Xylocopa* (Hymenoptera: Apidae). *Biological Journal of the Linnean Society* 77, 249-266.
66. **Leys, R.**, **Cooper, S. J. B.**, **Watts, C. H. S.**, and Humphreys, W. F. (2002) Multiple independent origins of subterranean diving beetles (Coleoptera: Dytiscidae: Hudroporini, Bidessini) in the arid zone of Australia. *Australian Society for Limnology Inc. Margaret River WA* Sept. 29- Oct. 3.
67. **Leys, R.**, **Cooper, S. J. B.**, **Watts, C. H. S.**, and Humphreys, W. F. (2002) Multiple independent origins of subterranean water beetles (Coleoptera: Dytiscidae: Hudroporini, Bidessini) in the arid zone of Australia. *XVI International Symposium of Biospeleology. Italy, Verona* 8-15 Sept.
68. **Leys, R.**, **Cooper, S.J.B.**, **Watts, C.H.S.** and Humphreys, W.F. (2002). Multiple independent origins of subterranean diving beetles (Coleoptera: Dytiscidae: Hudroporini, Bidessini) in the arid zone of Australia. *Aust. Society of Limnology Inc. Margaret River W.A.* Sept 29-Oct3.



69. **Leys, R., Cooper, S. J. B.,** and Schwarz, M. P. (2002) Molecular phylogeny and historical biogeography of the Large Carpenter Bees, Genus *Xylocopa* (Hymenoptera: Apidae). *Biol. J. Linn. Soc.* 77, 249-266.
70. Liu, W., Brugger, J. and McPhail, D.C., Spiccia, Leone (2002) A spectrophotometric study of aqueous copper(I)-chloride complexing in LiCl solution between 50°C and 250°C. *Geochimica et Cosmochimica Acta*, 66, 3615-3633.
71. Liu, W., McPhail, D.C., **Brugger, J.** (2002): UV spectrophotometric study of copper(I)-chloride complexing and application to copper transport in porphyry hydrothermal solutions. 16<sup>th</sup> Australian Geological Convention, 1-5 July 2002, Adelaide, South Australia.
72. **McArthur, A. J** (2002). Ants of the Adelaide Zoo. *The South Australian Naturalist*, 76, 14-19.
73. **McArthur, A.J.** (2003) New species of *Camponotus* (Hymenoptera:Formicidae) from Australia. *Transactions of the Royal Society of South Australia.* 127(1), 5-14.
74. **Matthews, E.G.** and Reid, C.A.M. (2002). A Guide to the General of Beetles of South Australia. Part 8. Special Educational Bulletin Series, SA Museum Pp1-64, 76 figs.
75. **Matthews, E.G.** (2003). The Palorus Group – a new subfamily of Tenebrionidae (Insecta, Coleoptera). *Spixiana* (Munich) 26, 49-50.
76. **Matthews, E.G.** and Scupola, A. (2003). Entomological investigations in Australia by the Natural History Museum of Turin: Coleoptera, Tenebrionidae. *Museo Regionale di Scienze naturali di Torino, Monografie* 35, 281-302.
77. Meisser, N. **and Brugger, J.** (2002) Mineralogy and acid-mine drainage of La Creusaz uranium prospect, Switzerland. International Workshop ‘Uranium Deposits: from their Genesis to their Environmental Aspects’, Prague, September 2002.
78. Messing, C.G., Meyer, D.L., **Rouse, G.W.** (2002). A modern, soft-bottom, shallow-water tropical crinoid fauna, with a comparison between living *Comatula rotularia* and fossil *Untracrinus socialis* (Echinodermata: Crinoidea). *Geol. Soc. Amer. Abstr. Progr* 34(6), 168.

79. Morris D C., Schwarz M. P., **Cooper S. J. B.** & Mound L. A. (2002) Phylogenetics of Australian Acacia thrips: the evolution of behaviour and ecology. *Molecular Phylogenetics and Evolution* 25, 278-292.
80. Narbonne, G.M. and **Gehling, J.G.** (2003) Life after Snowball: the oldest complex Ediacaran Fossils. *Geology*, 31, 27-30.
81. **Pledge, N.S.**, Prescott, J.R. & Hutton, J.T. (2002). A late Pleistocene occurrence of *Diprotodon* at Hallett Cove, South Australia. *Trans. Roy Soc of SA* 126(1), 39-44.
82. **Pledge, N.S.** (2002). First report of Cupressacean cones in the Eocene Eyre Formation of South Australia. *Records of the South Australian Museum* 35(2), 186-191.
83. Plimer, I., Besley, R.E. and **Brugger, J.** (2002). Kasolite from the British Empire Mine, Arkaroola, South Australia. *Australian Journal of Mineralogy* 8, 75-82.
84. **Penck, M. & Queale, L.F.** (2002) The diet of Southern Boobooks in South Australia. *Emu* 102(4), 355-360.
85. **Pring, A.** and **Etschmann, B.** (2002) Crystal chemistry of cosalite, and its relationship to the lillianite group. *Mineralogical Magazine*, 66, 451-458.
86. **Pring, A.**, (2002) Cecil Edgar Tilley, *Australian Dictionary of Biography*, 16, 396-397.
87. Rawlings LH, **Donnellan SC.** (2003). Phylogeographic analysis of the green python, *Morelia viridis*, reveals cryptic diversity. *Molecular Phylogenetics and Evolution* 27, 36-44.
88. **Richards, S.J.** & Burton, T.C. (2003) A new species of Choerophryne (Anura:Microhylidae) from Southern Highlands Province, Papua New guinea. *Trans. R. Soc. S. Austr* 127, 47-51.
89. **Richards, S.J.** & S. Suryadi (editors) (2002) A Biological Assessment of Yongsu – Cyclops Mountains and the Southern Mamberamo Basin, Papua, Indonesia. RAP Bulletin of Biological Assessment 25. Conservation International, Washington, D.C.
90. **Richards, S.J.** (2002) Influence of flow regime on habitat selection by tadpoles

91. Rousset, V., **Rouse, G.W.**, Feral, J-P., Desburyeres, D. and Pleijel, F. (2003). Molecular and morphological evidence of Alvinellidae relationships (Terebelliformia, Polychaeta, Annelida). *Zoologica Scripta* 32, 185-197.
92. **Rouse G.W.** (2002) Annelida, in Biological Systematics. In: Contrafatto G, Minelli A (eds) *Encyclopedia of Life Support Systems (EOLSS)*. EOLSS Publishers <http://www.eolss.net>, Oxford, UK
93. **Rouse G.W.**, Pleijel F, McHugh D (2002) Annelida. The Tree of Life Web Project.  
<http://tolweb.org/tree?group=Annelida&contgroup=Bilateria>
94. Schwarz, M.P., Bull, N.J. & **Cooper, S.J.B.** (2003). The evolution of progressive rearing and sociality in allodapine bees: nucleotide data indicate a change of paradigms. *Systematic Biology* 52: 1-14
95. Shine R, Elphick M, **Donnellan SC.** (2002). Sex determination in montane lizards: the simultaneous roles of sex chromosomes, incubation temperatures and egg sizes. *Ecology Letters* 5: 486-489
96. Shuttuck, S. O. and **McArthur, A. J.** (2002) A Taxonomic Revision Of The *Camponotus wiederkehri* and *perjurus* Species Group (Hymenoptera: Formicidae). *Transactions of the Royal Society South Australia*, 126 (2) 63-90.
97. Suynato, A., **Watts, C.H.S.** (2002). Verhoeven's giant rat of Flores, Indonesia. (*Papagomys theodorverhoeveni* Musser 1981: Muridae) is a modern species. *Trehbia* 32(1) 87-93.
98. Wallman, J.F., **Leys, R.** and **Donnellan S.C.** (2002) Molecular systematics and identification of Australian carrion-breeding blowflies. Fifth International Congress of Dipterology, Brisbane, Sept.
99. Wallwork, K.S., **Pring , A.**, Taylor M.R. and Hunter, B.A. (2002) Structure Solution of various minerals by ab initio powder diffraction methods. International Union of Crystallography meeting Abstracts Volume Geneva.
100. Wallwork, K.S., **Pring A.**, Taylor, M.R. and Hunter, B.A. (2002) Structure solution of priceite, a basic hydrated calcium borate, by ab initio powder-diffraction methods. *Canadian Mineralogist* 40, 1199-1206.

101. Wallwork, K.S., **Pring, A.**, Taylor, M.R. and Hunter, B.A. (2003). Structure solution of the hydrated aluminium phosphate, kingite by ab initio powder diffraction methods. *American Mineralogist* 88: 235-39.
102. Wallwork, K.S., Taylor M.R, **Pring , A.** and Hunter, B.A. (2002) Structure Solution and refinemnt of various minerals by ab initio powder methods. 18<sup>th</sup> General meeting of the International Mineralogical Association, Edinburgh Abstracts Volume, 117.
103. **Watts CHS.** (2002) The larvae of some Australian aquatic Hydrophilidae (Coleoptera: Insecta) Records of the South Australian Museum 35 :105-138.
104. **Whittington, I.D. & Chisholm L.A.** (2002) Monogenean diversity on Chondrichthyes: do Monogenea fear sharks? Annual Scientific Meeting of the Australian Society for Parasitology Inc., September 29 to October 3 2002, Hobart, Tasmania, Australia. (Abstract with program, p. 24).
105. **Whittington, I.D. & Ernst I.** (2002). Migration, site-specificity and development of *Benedenia lutjani* (Monogenea: Capsalidae) on the surface of its host, *Lutjanus carponotatus* (Pisces: Lutjanidae). *Parasitology* 124: 423-434.
106. Williams K, **Donnellan SC**, Smyl C, Scott L, Wallwork H. (2003). Molecular variation in *Rhynchosporium secalis* isolates obtained from hotspots. *Australasian Plant Pathology* 32: 257-262.
107. Worthy, T. H.; Tennyson, A. J. D.; Jones, C.; **McNamara, J. A.** (2002) A diverse Early-Miocene (15-20 MA) terrestrial fauna from New Zealand reveals snakes and mammals. IPC2002, Geological Society of Australia, Abstracts 68, 174-175. National Geographic  
[http://news.nationalgeographic.com/news/2002/08/0809\\_020808\\_wirnzsnake.html](http://news.nationalgeographic.com/news/2002/08/0809_020808_wirnzsnake.html)
108. Wulser, P.-A., Meisser, N., Schenk, K., Bonin, M., Bussy, F. and **Brugger, J.** (2003). Cleusonite a new mineral species of the crichtonite group from the lake of Cleuson area, Nendaz Valley, Switzerland. International Workshop. Uranium Deposits: from their Genesis to their Environmental Aspects. Nancy April 2003
109. **Zeidler, W.** (2003) A review of the hyperiidean amphipod family cystisomatidae Willemoes-Suhm. 1875 (Crustacea: Amphipoda: Hyperiidae) *Zootaxa* 141:1-43

PUBLIC SECTOR MANAGEMENT ACT EMPLOYEES															
BY STREAM, LEVEL, APPOINTMENT TYPE AND GENDER as at June 2003															
STREAM	Ongoing			Contract Short Term			Contract Long Term			Casual			Total		
	M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total
<b>ADMINISTRATIVE SERVICES</b>															
Administrative Services Officers															
Trainees						0			0			0	0	0	0
ASO1		1	1		2	2			0		7	7	0	10	10
ASO2		4	4	1	2	3			0	2		2	3	6	9
ASO3		5	5			0			0			0	0	5	5
ASO4		2	2			0			0			0	0	2	2
ASO5	3	2	5			0			0			0	3	2	5
ASO6	1	1	2			0			0			0	1	1	2
ASO7						0			0			0	0	0	0
ASO8						0			0			0	0	0	0
Managers Administrative Services															
MAS1			0			0			0			0	0	0	0
MAS2			0			0			0			0	0	0	0
MAS3	1		1			0			0			0	1	0	1
<b>Total Administrative Services</b>	<b>5</b>	<b>15</b>	<b>20</b>	<b>1</b>	<b>4</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>7</b>	<b>9</b>	<b>8</b>	<b>26</b>	<b>34</b>
<b>OPERATIONAL SERVICES</b>															
Trainees															
OPS1	2	1	3			0				3	2	5	5	3	8
OPS2	2	2	4	1		1	1		1			0	4	2	6
OPS3	1	3	4			0			0			0	1	3	4
OPS4	4	1	5			0			0			0	4	1	5
OPS5	2	2	4			0			0			0	2	2	4
OPS6			0			0			0			0	0	0	0
OPS7			0			0			0			0	0	0	0
<b>Total Operational Services</b>	<b>11</b>	<b>9</b>	<b>20</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>3</b>	<b>2</b>	<b>5</b>	<b>16</b>	<b>11</b>	<b>27</b>
<b>PROFESSIONAL SERVICES</b>															
Professional Services Officers															
PSO1					1	1	1	1	2		1	1	3	4	7
PSO2				1	1	2	1		1			0	2	0	2
PSO3	5	1	6	1		1			0			0	4	1	5
PSO4	3		3				1		1			0	4	0	4
PSO5							1		1			0	1		1
Managers Professional Services															
MPS1									0			0	0	0	0
MPS2									0			0	0	0	0
MPS3									0			0	0	0	0
<b>Total Professional Services</b>	<b>8</b>	<b>1</b>	<b>9</b>	<b>2</b>	<b>2</b>	<b>4</b>	<b>4</b>	<b>1</b>	<b>5</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>14</b>	<b>5</b>	<b>19</b>

**Employees (continued)**

<b>PUBLIC SECTOR MANAGEMENT ACT EMPLOYEES BY STREAM, LEVEL, APPOINTMENT TYPE AND GENDER as at June 2003(continued)</b>																
<b>STREAM</b>	<b>Ongoing</b>			<b>Contract Short Term</b>			<b>Contract Long Term</b>			<b>Casual</b>			<b>Total</b>			
	<b>M</b>	<b>F</b>	<b>Total</b>	<b>M</b>	<b>F</b>	<b>Total</b>	<b>M</b>	<b>F</b>	<b>Total</b>	<b>M</b>	<b>F</b>	<b>Total</b>	<b>M</b>	<b>F</b>	<b>Total</b>	
<b>TECHNICAL SERVICES</b>																
<i>TGO0</i>			0			0			0		1	1	0	1	1	
<i>TGO1</i>	1		1			0			0			0	1	0	1	
<i>TGO2</i>	2		2			0			0			0	2	0	2	
<i>TGO3</i>	3	1	4			0			0			0	3	1	4	
<i>TGO4</i>			0			0			0			0	0	0	0	
<i>TGO5</i>			0			0			0			0	0	0	0	
<b>Total Technical Services</b>	<b>6</b>	<b>1</b>	<b>7</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>6</b>	<b>2</b>	<b>8</b>	
<b>EXECUTIVES</b>																
Executive Officers																
EL1			0			0			0			0	0	0	0	
EL2			0			0			0			0	0	0	0	
EL3			0			0			0			0	0	0	0	
Level A			0			0	1		1			0	1	0	1	
Level B			0			0	1		1			0	1	0	1	
Level C			0			0			0			0	0	0	0	
Level D			0			0			0			0	0	0	0	
Level E			0			0			0			0	0	0	0	
Level F			0			0			0			0	0	0	0	
<b>Total Executive Services</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>2</b>	
<b>Other Executives</b>																
MLS 1P			0			0			0			0	0	0	0	
MLS 2P			0			0			0			0	0	0	0	
MLS 1			0			0			0			0	0	0	0	
MLS 2			0			0			0			0	0	0	0	
MLS 3			0			0			0			0	0	0	0	
MLS 4			0			0			0			0	0	0	0	
Other Senior Officers			0			0			0			0	0	0	0	
<b>Total Executives</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Executive Right to Further Appointment</b>																
Tenured			0			0			0			0			0	
Untenured			0			0	2	0	2			0	2	0	2	
<b>Other Legal Officers</b>																
LEC 5			0			0			0			0	0	0	0	
<b>Other</b>			0			0			0			0	0	0	0	
<b>TOTAL ALL STREAMS</b>	<b>30</b>	<b>26</b>	<b>56</b>	<b>4</b>	<b>6</b>	<b>10</b>	<b>7</b>	<b>1</b>	<b>8</b>	<b>5</b>	<b>11</b>	<b>16</b>	<b>46</b>	<b>44</b>	<b>90</b>	

## STAFF LIST 1/7/02 - 30/6/03

### DIRECTORATE

#### DIRECTOR

T. Flannery, B.A., MSc., Ph.D

#### GENERAL MANAGER

S. Riley, B.A.(Hons)

#### DIRECTOR'S PERSONAL ASSISTANT

J. Hartwig, Hons (Psych) left 31/7/02

V. Komar

#### GENERAL MANAGER'S EXECUTIVE ASSISTANT

P. Kidd (to 8/11/02)

A. Harkness, B.Bus.

#### BUSINESS MANAGER

P. Kidd

#### MARKETING SECTION

##### PUBLICITY AND PROMOTIONS OFFICER

B. Bocson, B.A., Comm. St.

##### VENUE HIRE/FACILITIES MANAGEMENT COORDINATOR

L. Falleti

#### SOUTH AUSTRALIAN MUSEUM SHOP

##### MANAGER

L. Schubert, Dip. Art & Craft

##### SHOP ASSISTANTS

B. Porteous – full time, Dip Nut.Sci.

S. Lucas – part time / casual

C. Le Duc – part time

A. Taylor Temp – part time

R. Kidd

A. Jackson

A. Suiker

S. Campbell – left Jan 03

P. Hyde – left Dec 02

M. Case - left June 03

##### STORES/TRANSPORT OFFICERS

S. Perkins

M. Birch

### PUBLIC PROGRAMS

#### HEAD OF PUBLIC PROGRAMS

S. Riley, B.A. (Hons)

#### ADMINISTRATIVE COORDINATORS

G. Barlas

A. Harkness, B.Bus. (to Nov 02)

K. Tucker Cert3 Bus.Stud.

#### TOURING EXHIBITIONS

##### MANAGER, TOURING EXHIBITIONS

M. Judd, B.Sc., Grad.Dip.T.

#### EDUCATION & VISITOR SERVICES

##### MANAGER, EDUCATION & VISITOR SERVICES

R. Glow

##### SENIOR EDUCATION OFFICERS

S. Langsford, B.Sc., Grad Dip.T.,

Grad.Dip.Ed.Admin

C. Nobbs, Adv.Dip.T

##### SUPERVISOR, DISCOVERY CENTRE

M. Gemmell

##### INFORMATION OFFICER

A. Guy, Cert.Ed.

##### CULTURAL INSTRUCTOR

E. Fisher (part time) provisioned by

Newmont Australia

#### DEVELOPMENT & DESIGN

##### MANAGER, DEVELOPMENT & DESIGN

D. Kerr, B.Ed.(Hons), B.A.

##### SENIOR EXHIBITION OFFICER

I.R. Maidment, B.A., Dip.T.(Art)

##### SUPERVISOR, MULTIMEDIA & IMAGING

T. Peters, BA.Fine Art

##### SUPERVISOR 3D DESIGN

J. Bain

##### ASSISTANT PREPARATOR

M. Delaney

**INDIGENOUS SERVICES**

MANAGER, INDIGENOUS SERVICES  
I. James, B.A.

**INFORMATION OFFICERS**

T. Dodd  
A. Abdullah–Highfold (Cert 3 Inf. Tech.)  
S. Agius  
M. Clancy

**SCIENCE****HEAD OF SCIENCE**

R. Hill, BSc(Hons),Ph.D.,DSc., FAI.Biol,  
FLS

**MANAGER OF SCIENCE**

P. Clarke, B.Sc., BA. PhD.

**ASSISTANT TO HEAD OF SCIENCE &  
MANAGER OF SCIENCES**

V. Wood (to 10/1/03)  
L. Strefford

**HEAD OF COLLECTIONS**

R. Morris, B.A.(Hons), M.Soc.Sci.

**ADMIN. COORDINATORS**

D. Churches  
K. McPhail

**INFORMATION SERVICES****LIBRARY**

LIBRARY SERVICES OFFICER  
J. Evans

**ARCHIVES**

ARCHIVIST  
F. Zilio, B.A., MIMS (Monash)

**ARCHIVES ACCESS OFFICER**

L. Gardam

**TINDALE ARCHIVIST**

J. Thimke, B.A., MLIS

**ANTHROPOLOGY****HEAD OF ANTHROPOLOGY**

P. Clarke, B.Sc., B.A., Ph.D.

**SENIOR CURATOR**

P. Jones, L.L.B., B.A.(Hons), Ph.D.

**MANAGER, ABORIGINAL  
COLLECTIONS**

P. Manning, B.A. (Hons)

**CURATOR – FOREIGN ETHNOLOGY**

B. Craig, B.A.(Hons), Dip.Ed., M.A.(Hons),  
Ph.D.

**ASSISTANT COLLECTION MANAGER**

A. Vlavogelakis, B.A., Grad.Dip.Mus.St.  
M.A.

**EARTH SCIENCES****PRINCIPAL CURATOR**

A. Pring, B.Sc. (Hons), Ph.D., FMSA,  
FMinSoc

**RESEARCH SCIENTIST - MINERALOGY**

J. Brugger, B.Sc.(Hons) Ph.D.

**RESEARCH SCIENTISTS –  
PALAEONTOLOGY**

M. Lee, B.Sc.(Hons), Ph.D.  
B. Kear, B.Sc.

J. Gehling, Ph.D., M.Sc., B.Sc.(Hons)

**SENIOR COLLECTION MANAGER,  
EARTH SCIENCES**

A. McHenry, B.Sc.(Hons), M.Sc.

**COLLECTION MANAGER,  
PALAEONTOLOGY**

J. McNamara, B.Sc.(Hons)

**TERRESTRIAL INVERTEBRATES****SENIOR COLLECTION MANAGER,  
INSECTS**

J. Forrest OAM, Assoc. Dip. (Photo.)

**COLLECTION MANAGER, ARACHNIDS**

D. Hirst

**COLLECTION MANAGER,  
ENTOMOLOGY/ ARACHNIDS**

L. Queale B.Sc. (on secondment to DEH)

**CURATORIAL OFFICER**

C. Lee

**COLLECTION MANAGER**

J. Berentson, B.A., B.Sc. Dip.(Hort) – part  
time



## **HELMINTHOLOGY**

### **RESEARCH SCIENTIST – PARASITES**

I. Whittington B.Sc.(Hons) Ph.D.

### **RESEARCH SCIENTIST – PARASITES**

L. Chisolm B.Sc., M.Sc., Ph.D.

## **MARINE INVERTEBRATES**

### **RESEARCH SCIENTIST**

G. Rouse, B.Sc., M.Sc., Ph.D.

### **RESEARCH SCIENTISTS**

G. Walker-Smith, B.Sc.(Hons), Ph.D.

### **COLLECTION MANAGER**

T. Laperousaz B.Sc (Hons)

### **CURATORIAL OFFICER**

R. Hamilton Bruce, A.I.A.T., A.B.P.I., Dip. Graph.Dsgn.

### **CURATORIAL OFFICER**

C. Lee

## **VERTEBRATES DEPARTMENT**

### **HERPETOLOGY**

#### **SENIOR CURATOR**

M. Hutchinson, B.Sc.(Hons), Ph.D.

#### **COLLECTION MANAGER**

C. Robinson

### **MAMMALOLOGY**

#### **SENIOR CURATOR**

C. Kemper, B.Sc., Ph.D.

#### **ASSISTANT COLLECTION MANAGER**

D. Stemmer, B.Sc.

#### **CASUAL POOL - BOLIVAR**

R. Gobel

### **ORNITHOLOGY**

#### **SENIOR COLLECTION MANAGER**

P. Horton, B.Sc.(Hons), Ph.D.

#### **CURATORIAL OFFICER**

M. Penck B.Sc.(Hons) (acouchment leave)

#### **A/CURATORIAL OFFICER**

D. Churches – part time

## **EVOLUTIONARY BIOLOGY**

### **RESEARCH SCIENTISTS**

M. Adams, B.Sc. (Hons)

S. Cooper, B.Sc.(Hons), Ph.D.

S. Donnellan, B.Sc.(Hons), Ph.D.

### **TECHNICAL OFFICERS**

T. Reardon, Cert.Sc.Tech.

T. Bertozzi, B.Sc.

K. Saint

R. Foster

### **RESEARCH ASSISTANTS**

R. Leijds, B.Sc.(Hons) (grant funded)

## **HONORARY RESEARCH**

### **ASSOCIATES**

S. Barker, Ph.D. (Entomology)

D. Bevan, B.Sc., M.Sc., Ph.D. (Mineralogy)  
(Deceased)

D. Corbett, Ph.D. (Mineralogy)

C. Daniels, B.Sc., Ph.D. (Paleontology)

H. Eckert (Ornithology)

R. Fisher, OAM, A.U.A. (Entomology)

J. Gehling, B.Sc., M.Sc. Ph.D. (Mineralogy)

P. Greenslade, M.A. (Entomology)

G. Gross, B.Sc., M.Sc., D.Sc. (Curator  
Emeritus, Entomology)

R. Jenkins, B.Sc. (Hons), Ph.D.

(Palaeontology)

E. Matthews, B.A., Ph.D. (Entomology)

G. Medlin, B.Sc., Dip.T. (Mammalogy)

A. McArthur, OAM, B.E. (Entomology)

M. McBriar, OAM, M.Sc (Mineralogy)

M. O'Donoghue, B.Ed., Grad Dip Rel Ed.

M.Ed.(Foreign Ethnology)

P. Parsons

N. Pledge, B.Sc. (Hons), M.Sc.

(Palaeontology)

G. Ragless, (Ornithology) (Deceased)

S. Richards, BA (Hons) (Herpetology)

S. Shepherd, B.A., Ll.B., M.Env.St.,Ph.D.,

(Marine Invertebrates)

M. Snow, B.Sc., Ph.D. (Mineralogy)

A. Szalay, B.A., Ph.D. (Foreign Ethnology)

K. Tabawebulla, Ph.D. (Foreign Ethnology)

M. Tyler AO, M.Sc., (Herpetology)

C. Watts, B.Sc.(Hons), Ph.D. (Entomology)

R. Wells B.Sc.(Hons) Ph.D.,

(Palaeontology)

W. Zeidler, B.Sc.(Hons) M.Sc.(Marine  
Invertebrates)

M. Zbik, M.Sc., Ph.D. (Mineralogy)

## Human resources / leadership and management development

DEVELOPMENT PLAN AND QUALIFICATIONS (PUBLIC SECTOR MANAGEMENT ACT EMPLOYEES)										
	% of employees with a documented individual development plan which was either implemented or revised during the last 12 months					Number of employees enrolled or completed a qualification (or a unit from a qualification) from an accredited training package				
	00/01	01/02	Target 02/03	Outcome 02/03	Target 03/04	00/01	01/02	Target 02/03	Outcome 02/03	Target 03/04
Executives	n/a	50	90	100.0	90		n/a		0	
Senior Managers*	n/a	80	90	100.0	90		n/a		0	
Middle Managers*	n/a	65	90	28.5	90		n/a		0	
First Line Supervisors*	n/a	85	90	14.0	90		n/a		0	
Others	n/a	17	90	55.2	90		0		0	
<b>TOTAL</b>	n/a	55	90	59.54	90		0		0	

TRAINING EXPENDITURE (PUBLIC SECTOR MANAGEMENT ACT EMPLOYEES)										
	% of training expenditure relative to total remuneration costs					% of training expenditure spent on leadership and management training relative to total remuneration costs (Benchmark of 2% determined by Senior Management Council)				
	00/01	01/02	Target 02/03	Outcome 02/03	Target 03/04	00/01	01/02	Target 02/03	Outcome 02/03	Target 03/04
Executives	n/a	0	2	0.14	3			2	0.27	2
Senior Managers*	n/a	0	2	0.44	3			2	0	2
Middle Managers*	n/a	0.21	2	0.53	3			2	.04	2
First Line Supervisors*	n/a	0.29	2	0.93	3			2	.05	2
Others	n/a	0.18	2	0.38	3					
<b>TOTAL</b>	n/a	0.29	2	0.48	3	n/a	0	2	0	2

## Leave management

	1999-2000	2000-2001	2001-02	2002-03
Average number of sick leave hours taken per FTE	Not available	29.63	31.5	36.9
Average number of family carer leave hours taken per FTE	Not available	2.33	2.78	2.3
Average number of special leave with pay hours for individual needs and responsibilities taken per FTE	Not available	Not available	Not available	3.3

Please note: the figure for 2000-01 included casuals, information for subsequent years does not include casuals

**Workforce diversity**

	Total Employees	Indigenous Employees		
		Male	Female	Total
Executives	2	0	0	0
Senior Managers*	1	0	0	0
Middle Managers*	7	1	0	1
First Line Supervisors*	7	0	0	0
Others	73	2	3	5
<b>TOTAL</b>	<b>90</b>	<b>3</b>	<b>3</b>	<b>6</b>

**Employees with permanent disability**

	Total Employees	Employees with a permanent disability		
		Male	Female	Total
Executives	2			
Senior Managers*	1			
Middle Managers*	7			
First Line Supervisors*	7			
Others	73			
<b>TOTAL</b>	<b>90</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Cultural and linguistic diversity table**

	Total Employees	Country of Birth				Main Language spoken at home			
		Australia (No of employees)		Other (No of employees)		English (No of employees)		Other (No of employees)	
		Male	Female	Male	Female	Male	Female	Male	Female
Executives	2	2	0	0	0	2	0	0	0
Senior Managers*	1	0	0	1	0	1	0	0	0
Middle Managers*	7	4	2	0	1	3	2	1	1
First Line Supervisors*	7	0	5	0	2	0	6	0	1
Others	73	35	31	4	3	34	31	5	3
<b>TOTAL</b>	<b>90</b>	<b>41</b>	<b>38</b>	<b>5</b>	<b>6</b>	<b>40</b>	<b>39</b>	<b>6</b>	<b>5</b>

\* Senior Managers includes all ASO7 and ASO 8 and equivalent, irrespective of any supervisory role.

\* Middle Managers includes all ASO 5 and ASO6 and equivalent, irrespective of any supervisory role.

\* First Line Supervisors includes ASO3 and ASO4 and equivalent irrespective of any supervisory role.

**Voluntary Flexible Working Arrangements table**

Type of Arrangement	Total Employees	Number of employees using a Voluntary Flexible Working Arrangement			
		Executive		Non-Executive	
		Male	Female	Male	Female
Purchased Leave	90	0	0	0	0
Flexitime	90	0	0	32	33
Compressed Weeks	90	0	0	0	0
Part-time and Job Share	90	0	0	10	18
Working from Home	90	0	0	0	0
<b>TOTAL</b>	<b>90</b>	<b>0</b>	<b>0</b>	<b>42</b>	<b>51</b>

**Age profile table**

Age Group (years)	Number of Employees (Persons)			% of all agency employees	% of South Australian Workforce*
	Male	Female	Total		
15-19	0	1	1	1.1%	7.3
20-24	1	10	11	12.2%	10.3
25-29	3	6	9	10%	10.7
30-34	2	4	6	6.6%	11.5
35-39	7	1	8	8.9%	11.4
40-44	7	4	11	12.2%	13.1
45-49	11	9	20	22.2%	12.1
50-54	8	3	11	12.2%	10.8
55-59	6	6	12	13.1%	7.6
60-64	1	0	1	1.1%	3.7
65+	0	0	0	0%	1.5

\* South Australian Workforce information [as at February 2003] sourced from ABS Supertable C2  
<http://abs.sagrn.sa.gov.au/abs/abs@.nsf/abshome>

**OCCUPATIONAL HEALTH, SAFETY AND INJURY MANAGEMENT SUMMARY**

During 2002-2003, Occupational Health, Safety and Injury Management continued to be a major focus throughout Arts SA. The organisation is committed to providing a safe work environment for our employees through achieving and maintaining compliance to the WorkCover Performance Standards for Self Insurers. Agencies within Arts SA are committed to sharing information and resources to ensure the effective management and continuous improvement of our OHS&W and IM Management System.

A WorkCover audit of Arts SA in March/April 2003 concluded that Arts SA 'is moving positively to being able to demonstrate its ability to meet the standards'

but that 'further time is required to enable the organisation to demonstrate full compliance'.

A key achievement for this year was the development and implementation of a comprehensive OHS&W and IM Management System. This system comprises policies and procedures that address the hazards and risks associated with the wide range of activities undertaken throughout Arts SA.

Further information regarding Arts SA's activity in regard to the WorkCover Performance Standards is provided below.

### Policy and Commitment

A common OHS&W 'Statement of Commitment' has been endorsed by the Responsible Officers for each area of Arts SA. The development, planning and monitoring of OHS&W is undertaken by the Arts Central Consultative Committee, a group comprising management and employee representatives from all areas of Arts SA. This committee met fortnightly throughout 2002-2003 and took the primary role in driving the development of the OHS&W and IM Management System.

In this financial year significant funds were allocated to OHS&W and IM. This included investment in human resources, training and improvements to facilities and equipment.

### Planning

OHS&W considerations are incorporated into Arts SA strategic and business plans. In addition, the Arts SA OHS&W Action Plan 2002-2005 prescribes the planned activity in relation to health and safety. This includes comprehensive activity in relation to Arts SA's major workplace hazards of plant and equipment, hazardous substances and manual handling. To date, 70% of the actions outlined in the plan have been undertaken.

### Implementation

The Arts Central Consultative Committee and a network of eight agency/worksite committees throughout the organisation drive implementation of the OHS&W Action Plan. Support is also provided by our fourteen fully trained Health and Safety Representatives. Regular communication and consultation with employees regarding health and safety issues is facilitated through managers, committees and health and safety representatives.

Key activity during 2002-2003 included:

- Completion of the OHS&W Management System, which included development and implementation of 40 policies and procedures;
- Conducting an 'individual skills audit' for all employees to confirm their skill level against the requirements of their current job and identify training needs;
- Implementation of an OHS&W training program for executives, managers and employees with approximately 3500 hours of training conducted this year;
- Completion of hazardous substances inventories for all work sites and achievement of reductions in the types and volumes of chemicals stored;
- Identification of all high risk plant, activities and chemicals and completion of associated risk assessments and safe operating procedures;
- Consultation / involvement of employees in all agencies in the development of the management system, undertaking of risk assessments and implementation of safe operating procedures;
- Development and implementation of an accident/incident reporting and investigation procedure;
- Development of an Arts SA Injury Management Manual which included development of policies and documenting current procedures;

- Increased use of rehabilitation / return to work plans.

### Measurement and Evaluation

The Arts SA OHS&W Monitoring and Reporting Framework defines the role that responsible officers, managers and committees take in monitoring and evaluating Arts SA's OHS&W and IM performance. Measurement and evaluation of the system occurs through internal audits, regular reporting and achievement against key performance indicators (KPI). Currently Arts SA is averaging 70 – 90% achievement against its KPIs.

A major focus for 2003-2004 will be the training of internal audit teams and full implementation of a program of internal audits.

### Review and Improvement

Review and improvement of Arts SA's OHS&W Management System is continuous. To date the majority of improvement activity has been a result of employee or committee consultation, incident investigations, system tests and hazard reports.

With the full implementation of internal audits in the next year, it is expected that this activity will become the primary driver for ongoing review and improvement. In addition, during 2003-2004 the focus of the Arts Central Consultative Committee will shift from system development and implementation to system improvement and review.

### **Equal Employment Opportunity Programs**

Regrettably, owing to pressures of operating costs throughout the review period the Museum was unable to undertake hiring within any Indigenous and/or Youth Employment programs

**APPENDIX B - OCCUPATIONAL HEALTH AND SAFETY INFORMATION**

		2002/03	2001/02	2000/01
<b>1</b>	<b>OHS legislative requirements</b>			
	Number of notifiable occurrences pursuant to OHS&W Regulations Division 6.6	Nil	Nil	
	Number of notifiable injuries pursuant to OHS&W Regulations Division 6.6	Nil	Nil	
	Number of notices served pursuant to OHS&W Act s35, s39 and s40	Nil	Nil	
<b>2</b>	<b>Injury Management legislative requirements</b>			
	Total number of employees who participated in the rehabilitation program	Nil	1	
	Total number of employees rehabilitated and reassigned to alternative duties	Nil	Nil	
	Total number of employees rehabilitated back to their original work	Nil	1	
<b>3</b>	<b>WorkCover Action Limits</b>			
	Number of open claims as at 30 June	3	5	
	Percentage of workers compensation expenditure over gross annual remuneration	0.32	1.5	
<b>4</b>	<b>Number of injuries</b>			
	Number of new workers compensation claims in the financial year	1	3	
	Number of fatalities, lost time injuries, medical treatment only	Nil	Nil	
	(F)	Nil	Nil	
	(MTO)	1	2	
	(LTI)	Nil	1	
	Total number of whole working days lost	30	27	
<b>5</b>	<b>Cost of workers compensation</b>			
	Cost of new claims for financial year	727	16,481	
	Cost of all claims excluding lump sum payments	11,395	45,023	
	Amount paid for lump sum payments	Nil	Nil	
	(s42, s43, s44)	Nil	Nil	
		Nil	Nil	
	Total amount recovered from external sources (s54)	Nil	Nil	
	Budget allocation for workers compensation	33 000	35 000	
<b>6</b>	<b>Trends</b>			
	Injury frequency rate for new lost-time injury/disease for each million hours worked		17	
	Most frequent cause (mechanism) of injury	61, 12, 02, 63	92, 62, 11	
	Most expensive cause (mechanism) of injury	N/a	62	
<b>7</b>	<b>Meeting the organisation's strategic targets</b>			
	<i>Refer OHSW&amp;IM section</i>			

Mechanism 02 = Falls on the same level

Mechanism 12 = Hitting moving objects

Mechanism 61 = Single contact with chemical or substance

Mechanism 63 = Insect and spider bites and stings

**CONSULTANTS****CONSULTANTS – SOUTH AUSTRALIAN MUSEUM 2002-2003**

<b>Value</b>	<b>Number</b>	<b>Name</b>	<b>Services</b>	<b>Total Expenditure</b>
<i>Below \$10 000</i>	<i>1</i>	<i>Walbridge &amp; Gilbert Con Engineers</i>	<i>Assess impact, structure review in relation to installation of Solar Panels</i>	<i>\$2 000</i>
<i>\$10 000 – \$50 000</i>	<i>NIL</i>			
<i>Over \$50 000</i>	<i>NIL</i>		<i>TOTAL</i>	<i>\$2 000</i>

**OTHER MATTERS****OVERSEAS TRAVEL**

<b>Number of Employees</b>	<b>Destination/s</b>	<b>Reason for Travel</b>	<b>Total Cost to Agency</b>
1	Frankfurt, Germany	Analytical work at Institute of Mineralogy and Petrography – University of Frankfurt	\$2 000
1	Edinburgh, Scotland	Attendance at International Mineralogical Association Conference	\$2 500
1	China	Asialink Literature Touring Program – Anniversary of China-Australia Relations	\$3 500
		Total	<b>\$8 000</b>

**CONTRACTUAL ARRANGEMENTS**

Nil response.



## ACCOUNT PAYMENT PERFORMANCE

### Annual Payment Statistics for the 2002/2003 Financial Year South Australian Museum Board

	<b>Number of accounts paid</b>	<b>% of Total Accounts Paid</b>	<b>Value in \$A of Accounts Paid</b>	<b>% of Total Accounts Paid</b>
Paid by the due date	3841	88%	\$4 547 686	92%
Paid late and paid 30 days or less from due date	344	8%	\$288 195	6%
Paid late and paid more than 30 days from due date	163	4%	\$104 411	2%
Total	4348	100%	\$4 940 292	100%

## FRAUD AND LEGISLATIVE COMPLIANCE

No frauds or suspected frauds have occurred to the knowledge of the management of the South Australian Museum. Full disclosure has been made to the auditors regarding all non compliance obligations with laws and regulations that should be considered in preparing the Museums financial report.

## DISABILITY ACTION PLAN

The Museum continued to work closely with Arts SA on monitoring its overall performance in disability action.

An internal disability audit provided positive feedback in regard to the ease of Museum access. This positive audit finding is consistently supported by the regular attendance of a range of visitors with disabilities often accompanied by carers.

In the year ahead the Museum is pursuing initiatives to specifically assist visually impaired visitors. Further education programs scheduled for 2003/2004 are being developed to incorporate special sessions to accommodate students who have either a physical or intellectual disability.

**FREEDOM OF INFORMATION**

**FREEDOM OF INFORMATION ACT, 1991,  
Part 11 Section 9(2)  
INFORMATION STATEMENT**

**Agency Structure and Functions: Section 9(2)(A)**

The following information is contained in this Annual Report and is deemed to be consistent with the requirements of the Freedom of Information Act 1991:

- Statement of role and objectives
- Legislation responsibilities
- Resources employed

Agency performance is monitored regularly. Each year specific targets and objectives are formulated and major achievements, improvements and initiatives reported.

**Effect of Agency's Functions on Members of the Public: Section 9(2)(B)**

The Museum has a direct effect on the general public in two quite different ways. First as an institution whose display galleries are open for public education and enjoyment and second through the scientific divisions whose research and information are available to other Government Departments as well as the public.

The impact and involvement of each Division of the Museum in this process can be obtained from the achievements and initiatives section of this Annual Report.

**Arrangements for Public Participation in Policy Formation: Section 9(2)(C)**

The Board of eight members is appointed by the Minister for Transport, Urban Planning and the Arts. These appointments are from the general public and provide an avenue for public participation in policy formulation.

For any major development, such as the development of displays relating to living cultures, advisory committees are established for the period of the project to ensure that there is full and proper provision for public participation.

In addition, the Museum maintains regular contact with Aboriginal community groups on matters relating to custodianship and access to collections.

**Description of Kinds of Documents held by the Agency: Section 9(2)(D)**

The Museum classifies all documents into the following categories:

Board Minutes

The Minutes of the Museum Board meetings are numbered and inserted in a Board Minute Book. Board papers are also numbered and filed in hard cover folders. The papers contain all documents and correspondence relating to the Board Meeting. Current Minute Books and Papers are kept in the Director's Office. Out of date Minute Books and Papers dating back to 1940 are stored in the Museum Archives section. Board papers and Minutes up to 1940 are permanently stored in State Records.

Dockets

Museum docketts are registered in a database system and held in the Administration Section. Docketts hold all documents concerned with the day to day management of the Museum and are classified as follows – collection management; development and design; education; governance – museum Board; Indigenous services; information management; public programs; research; sponsorship; and volunteers.

Policy Statements

The Board has published several Policy Statements, which are available for use by the general public. These include: 'Professional and Commercial Services', 'Statement on Secret/Sacred Collection', 'Collections Policy and Procedures relating to Collections Management', 'Policy on Human Skeletal Remains Collection', 'Exhibition Policy Guidelines', 'Publications Policy', 'Honorary Appointments', 'Guidelines for the Acquisition, Operation and Management of Computers in the Museum', and 'Access to Personal Information – policy and procedures'.

**Access Arrangements, Procedures and Points of Contact: Section 9(2)(E)(F)**

To gain access to Museum documents, other than those identified above as available, it is necessary to apply in writing under the Freedom of Information Act to:

Contact Officer, Freedom of Information

C/- The Director

South Australian Museum

North Terrace, Adelaide 5000

*Freedom of Information*

**No inquiries under the Freedom of Information Act were received in 2001/2002.**

**MUSEUM BOARD**  
**Statement of Financial Performance for the year ended 30 June 2003**

	Note	2003 \$'000	2002 \$'000
<b>REVENUES FROM ORDINARY ACTIVITIES</b>			
Grants from State Government – operations		7,328	6,839
- capital		1,654	391
Grants from Commonwealth Government		541	286
Sale of goods		568	479
Fees for services		214	327
Interest		88	57
Other revenues	3	2,581	1,602
<b>Total Revenues</b>		<b>12,974</b>	<b>9,981</b>
<b>EXPENSES FROM ORDINARY ACTIVITIES</b>			
Employee costs	4	4,147	3,810
Cost of goods sold		356	285
Administration	4	3,524	3,684
Accommodation and service costs		1,518	1,402
Depreciation	4	989	1,022
<b>Total Expenses</b>		<b>10,534</b>	<b>10,203</b>
<b>SURPLUS (DEFICIT) FROM ORDINARY ACTIVITIES</b>		<b>2,440</b>	<b>(222)</b>
<b>NON-OWNER TRANSACTION CHANGES IN EQUITY:</b>			
Net credit to asset revaluation reserve on revaluation of non-current assets	10	12,436	(2,771)
Net credit to accumulated surplus to recognise assets bought to account for the first time	9	69,215	-
<b>TOTAL CHANGES IN EQUITY OTHER THAN THOSE RESULTING FROM TRANSACTIONS</b>			
<b>WITH THE STATE GOVERNMENT AS THE OWNER</b>		<b>84,091</b>	<b>(2,993)</b>

*Statement of Financial Position as at 30 June 2003*

	Note	2003 \$'000	2002 \$'000
<b>CURRENT ASSETS</b>			
Cash assets		2,341	1,096
Receivables		180	132
Prepayments		209	135
Inventories		151	189
<b>Total Current Assets</b>		<b>2,881</b>	<b>1,552</b>
<b>NON-CURRENT ASSETS</b>			
Property, plant and equipment	5	35,445	34,710
Heritage collections	6	110,209	27,934
<b>Total Non-Current Assets</b>		<b>145,654</b>	<b>62,644</b>
<b>TOTAL ASSETS</b>		<b>148,535</b>	<b>64,196</b>
<b>CURRENT LIABILITIES</b>			
Payables	7	138	187
Provision for employee entitlements	8	317	224
<b>Total Current Liabilities</b>		<b>455</b>	<b>411</b>
<b>NON-CURRENT LIABILITIES</b>			
Payables	7	70	54
Provision for employee entitlements	8	678	490
<b>Total Non-Current Liabilities</b>		<b>748</b>	<b>544</b>
<b>TOTAL LIABILITIES</b>		<b>1,203</b>	<b>955</b>
<b>NET ASSETS</b>		<b>147,332</b>	<b>63,241</b>
<b>EQUITY</b>			
Accumulated surplus	9	133,375	61,720
Reserves	10	13,957	1,521
<b>TOTAL EQUITY</b>		<b>147,332</b>	<b>63,241</b>
<b>COMMITMENTS</b>	11		
<b>CONTINGENT LIABILITIES</b>	12		

## Statement of Cash Flows for the year ended 30 June 2003

	Note	2003		2002	
		\$'000 Inflows (Outflows)	\$'000 Inflows (Outflows)	\$'000 Inflows (Outflows)	\$'000 Inflows (Outflows)
<b>CASH FLOWS FROM OPERATING ACTIVITIES</b>					
<i>Receipts</i>					
Sale of goods		579		420	
Fees for services and admissions		214		327	
Interest		85		57	
Other revenues		2,018		1,621	
<i>Payments</i>					
Employee costs		(3,837)		(3,770)	
Administration		(3,578)		(4,026)	
Accommodation and service costs		(1,518)		(1,478)	
Other expenses		(401)		(358)	
<b>Cashflows From Government</b>					
Recurrent grants from State Government		7,328		6,839	
Capital grants from State Government		1,654		391	
Recurrent grants from Commonwealth Government		541		286	
<b>NET CASH PROVIDED BY OPERATING ACTIVITIES</b>	<b>13</b>		<b>3,085</b>		<b>309</b>
<b>CASH FLOWS FROM INVESTING ACTIVITIES</b>					
<i>Payments for:</i>					
Property, plant & equipment		(1,724)		(304)	
Heritage Collections		(116)		(150)	
<b>NET CASH USED IN INVESTING ACTIVITIES</b>			<b>(1,840)</b>		<b>(454)</b>
<b>NET INCREASE (DECREASE) IN CASH HELD</b>			<b>1,245</b>		<b>(145)</b>
CASH AT 1 JULY			<b>1,096</b>		<b>1,241</b>
<b>CASH AT 30 JUNE</b>	<b>2 (m)</b>		<b>2,341</b>		<b>1,096</b>

## NOTES TO AND FORMING PART OF THE FINANCIAL STATEMENTS

### 1. Museum Board Functions

The functions of the Museum Board as prescribed under the *South Australian Museum Act 1976* are as follows:

- to undertake the care and management of the Museum;
- to manage all lands and premises vested in, or placed under the control of, the Board;
- to manage all funds vested in, or under the control of, the Board and to apply those funds in accordance with the terms and conditions of any instrument of trust or other instrument affecting the disposition of those moneys;
- to carry out, or promote, research into matters of scientific and historical interest;
- to accumulate and care for objects and specimens of scientific or historical interest;
- to accumulate and classify data in regard to any such matters;
- to disseminate information of scientific or historical interest; and
- to perform any other functions of scientific, educational or historical significance that may be assigned to the Board by regulation.

### 2. Summary of Significant Accounting Policies

#### (a) Basis of Accounting

The general purpose financial report has been prepared in accordance with the Treasurer's Instructions and Accounting Policy Statements promulgated under the provisions of the *Public Finance and Audit Act 1987*, Statements of Accounting Concepts, applicable Australian Accounting Standards, applicable Urgent Issues Group Consensus Views and other mandatory reporting requirements. The report is prepared on the accrual basis of accounting and in accordance with conventional historical cost principles, except where stated.

#### (b) Change in Accounting Policies

There have been no changes in accounting policies during 2002–2003.

#### (c) The Reporting Entity

The Museum Board's principal source of funds consists of grants from the State Government. In addition, the Museum Board also receives monies from sales, admissions, donations, bequests and other receipts and uses the monies for the achievement of its objectives.

The financial report encompasses transactions through an interest bearing Special Deposit Account titled "Arts South Australia Operating Account" and through an interest bearing Deposit Account titled "Museum Board Bequests Account".

#### (d) Revenue

Revenue from sale of goods is recognised upon the delivery of goods to customers. Interest revenue is recognised on a proportional basis taking into account interest rates applicable to the financial assets. Revenue from the rendering of a service is recognised upon the delivery of the service to the customers.

#### (e) Grants from State Government

State Government grants are recognised as revenues in the period in which the Museum Board obtains control over the funds.

#### (f) Acquisition of Assets

The cost method of accounting is used for the initial recording of all acquisitions of assets acquired after 1 July 1996. Cost is determined as the fair value of the assets given as consideration plus costs incidental to the acquisition. Assets donated during the year have been brought to account at market value.

#### (g) Valuation of Non-Current Assets

The Board, in accordance with the transitional provisions of Australian Accounting Standard AASB 1041 "Revaluation of Non-Current Assets" and Accounting Policy Statement No. 3 "Valuation of Non-Current Assets", has continued to apply the deprival value methodology as the basis of valuing its land and buildings until 30 June 2005.

#### *Land and Buildings*

Land and buildings have been valued at replacement cost. Valuations of land and buildings were determined as at 30 June 2002 by the Australian Valuation Office. Land and buildings are independently valued every three years.

#### *Plant and Equipment*

Plant and equipment, including computer equipment has been valued at cost of acquisition.

#### *Heritage Collections*

The Museum Board collections were revalued as at 30 June 2003 using the valuation methodology outlined below in accordance with fair value principles adopted under Australian Accounting Standard AASB 1041 "Revaluation of Non-Current Assets".

These valuations were undertaken by both external valuers and internal specialists.

The Collections were broadly valued on the following basis:

<u>Collection</u>	<u>Method of Valuation</u>
Heritage Collections	Net Market Valuation
Natural History Collections	Cost of Recovery

Heritage Collections status applies to those collections where an established market exists. The Net Market Valuation applied has been assessed either by valuation undertakings by staff and valuers or by applying valuations determined under the Taxation Incentives for the Arts Scheme.

Cost of recovery valuation has been applied to those collections that were previously valued at zero under deprival value methodology. These collections items have been valued to fair value on the basis of the cost of field work, preparation and documentation to replace the material in its present condition.

Internal valuations were carried out by staff specialists in their related fields. These valuations were based on a knowledge of the particular collections, an understanding of valuation techniques and the markets that exist for the collection items.

Independent external valuers were engaged to review the methodology adopted for valuation and to verify the valuations applied by internal specialists via sampling techniques, and to carry out independent valuation where required.

Heritage Collections deemed to have market value are Australian Ethnology, Foreign Ethnology, Malacology, Butterflies, Industrial History Collection, Mineralogy, Museum Library and Rare Books.

Natural History collections valued at cost of recovery are the Australian Biological Tissue Bank, the Australian Helminthological Collection, Entomology, Arachnology, Marine Invertebrates, Ichthyology, Herpetology, Ornithology and Mammalogy.

The external valuations were carried out by the following recognised industry experts:

Australian Ethnology	Macaulay Partners
Museum Library and Rare Books	M Treloar and P Horn
Malacology (Marine Invertebrates)	W Rumble
Butterflies (Terrestrial Invertebrates)	L Mound
Mammalogy	R Schodde

Collections deemed to be culturally sensitive including human remains or secret and sacred to Aboriginal communities have not been included within the current valuation and are deemed to be at zero valuation. These collections are Human Biology, Secret Sacred, Archives, Palaeontology and Archaeology.

**(h) Depreciation of Non-Current Assets**

Depreciation is calculated on a straight line basis to write off the net cost or revalued amount of each non-current asset over its expected useful life, except for land and heritage collections which are not depreciable assets. Estimates of remaining useful lives are made on a regular basis for all assets, with annual reassessments for major items.

The expected useful lives are as follows:

Buildings and improvements	Useful life depends on individual asset items
Plant and equipment	5 - 15 years
Computer equipment	3 - 5 years

Heritage collections are kept under special conditions so that there is no physical deterioration and they are anticipated to have very long and indeterminate useful lives. No amount for depreciation has been recognised in respect of heritage collections as their service potential has not, in any material sense, been consumed during the reporting period.

**(i) Inventories**

Inventories are brought to account at cost or realisable value, whichever is lower.

**(j) Employee Entitlements**

(i) *Wages, Salaries and Annual Leave*

Liabilities for wages, salaries and annual leave have been recognised as the amount unpaid at the reporting date. The liabilities have been calculated at nominal amounts based on current wage and salary rates and a salary inflation rate of 4% as determined by the Department of Treasury and Finance.

(ii) *Long Service Leave*

A liability for long service leave has been recognised which represents the amount which the Museum Board has a present obligation to pay resulting from employees' services provided up to the reporting date. The liability has been calculated at nominal amounts based on current wage and salary rates using a benchmark of 7 years of service as determined by the Department of Treasury and Finance and a salary inflation rate of four percent.

(iii) *Superannuation*

Contributions are made by the Museum Board to several superannuation schemes operated by the State Government and private sector. These contributions are treated as an expense when they occur. There is no liability for payments to beneficiaries as they have been assumed by the superannuation schemes.

**(k) Workers Compensation**

A liability has been reported to reflect unsettled workers compensation claims. The amounts recorded are based on an actuarial assessment and reflect an apportionment of the whole-of-government estimate of workers compensation liability according to the Board's experience of claim numbers and payments over the period 1 July 1987 to 30 June 2003.

**(l) Leases**

The Museum Board has entered into a number of operating lease agreements for accommodation and vehicles where the lessors effectively retain all of the risks and benefits incidental to ownership of the items held under the operating leases.

Operating lease payments are representative of the pattern of benefits derived from the leased assets and accordingly are charged to the Statement of Financial Performance in the periods in which they are incurred.

**(m) Cash Assets**

For purposes of the Statement of Cash Flows, cash assets includes cash on hand and at bank.

**(n) State Government Funding**

The financial report is prepared under the assumption of ongoing financial support being provided to the Museum Board by the State Government.

**(o) Accounting for the Goods and Services Tax (GST)**

In accordance with the requirements of the UIG Abstract 31 "Accounting for the Goods and Services Tax (GST)" revenues, expenses and assets are recognised net of the amount of GST.

The amount of GST incurred by the Board as a purchaser that is not recoverable from the Australian Taxation Office is recognised as part of the cost of acquisition of an asset or part of an item of expense.

The net GST receivable/payable to the Australian Taxation Office is not recognised as a receivable/payable in the Statement of Financial Position as the Board is a member of an approved GST group of which Arts SA, a division of the Department of the Premier and Cabinet, is responsible for the remittance and collection of GST. There are no cash flows relating to GST transactions with the Australian Taxation Office in the Statement of Cash Flows.

**(p) Comparative Figures**

Where necessary comparative figures have been adjusted to conform with changes in presentation in 2002-2003.

	2003	2002
	\$'000	\$'000
<b>3. Revenues from Ordinary Activities</b>		
Other revenues comprise the following categories of operating income:-		
Other grants and donations	1,677	1,111
Donations of heritage assets	508	242
Other	396	249
	<u>2,581</u>	<u>1,602</u>
<b>4. Expenses from Ordinary Activities</b>		
Employee costs were incurred in relation to the following:-		
Wages and salaries	3,233	3,087
Superannuation and payroll tax expenses	548	477
Annual and long service leave expenses	326	187
Other employee related expenses	40	59
	<u>4,147</u>	<u>3,810</u>
Depreciation was charged in respect of:-		
Buildings and improvements	905	969
Plant and equipment	71	32
Computer equipment	13	21
	<u>989</u>	<u>1,022</u>
Administration expenses comprise the following categories of expenditure:-		
Research, collections and exhibitions operational expenses	945	891
Insurance and risk management	397	333
Maintenance	522	560
Communications and stationery	335	303
Marketing	110	104
Operating lease expenditure	84	47
Travel and accommodation	98	114
Agency staffing	268	202
Australian Aboriginal Cultures Gallery expenditure	63	200
General administration	702	930
	<u>3,524</u>	<u>3,684</u>
<b>5. (a) Property, Plant and Equipment</b>		

2003

Written

2002

Written

Museum Board

	Gross Value \$'000	Accum. Deprec. \$'000	Down Value \$'000	Gross Value \$'000	Accum. Deprec. \$'000	Down Value \$'000
Land, buildings and improvements - At valuation	58,052	22,933	35,119	56,513	22,028	34,485
Plant and equipment - at cost	1,298	984	314	1,128	928	200
Computer equipment - at cost	120	108	12	120	95	25
Total	59,470	24,025	35,445	57,761	23,051	34,710

(b) Reconciliation of Carrying Amounts of Property, Plant and Equipment

	Land, Buildings & Improvements \$'000	Plant & Equipment \$'000	Computer Equipment \$'000	Total \$'000
Carrying Amount at 1 July	34,485	200	25	34,710
Additions	1,539	185	-	1,724
Depreciation expense	(905)	(71)	(13)	(989)
Carrying Amount at 30 June	35,119	314	12	35,445

6. (a) Heritage Collections

	2003		At Cost \$'000	2002	
	At Valuation \$'000	Total \$'000		At Valuation \$'000	Total \$'000
Social / Industrial History	222	222	-	221	221
Australian Aboriginal Ethnographic	18,720	18,720	201	6,978	7,179
Foreign Ethnology	6,254	6,254	6	5,980	5,986
Minerals	11,037	11,037	357	9,854	10,211
Malacology	3,642	3,642	-	-	-
Butterflies	33	33	-	-	-
Australian Biological Tissue Bank	5,192	5,192	-	-	-
Australian Helminthological Collection	8,376	8,376	-	-	-
Entomology	26,134	26,134	-	-	-
Arachnology	4,013	4,013	-	-	-
Marine Invertebrates	5,660	5,660	-	-	-
Ichthyology	1,136	1,136	-	-	-
Herpetology	2,972	2,972	-	-	-
Ornithology	7,834	7,834	-	-	-
Mammalogy	4,223	4,223	-	-	-
Library	4,761	4,761	31	4,306	4,337
Total	110,209	110,209	595	27,339	27,934

(b) Reconciliation of Carrying Amounts of Heritage Collections

	2003			Balance 30 June \$'000	2002		
	Balance 1 July \$'000	Additions \$'000	Valuation Increment \$'000		Balance 1 July \$'000	Additions \$'000	Balance 30 June \$'000
Social / Industrial History	221	-	1	222	221	-	221
Australian Aboriginal Ethnographic	7,179	100	11,441	18,720	7,029	150	7,179
Foreign Ethnology	5,986	147	121	6,254	5,986	-	5,986
Minerals	10,211	361	465	11,037	9,969	242	10,211
Malacology	-	3,642	-	3,642	-	-	-
Butterflies	-	33	-	33	-	-	-
Australian Biological Tissue Bank	-	5,192	-	5,192	-	-	-
Australian Helminthological Collection	-	8,376	-	8,376	-	-	-
Entomology	-	26,134	-	26,134	-	-	-
Arachnology	-	4,013	-	4,013	-	-	-
Marine Invertebrates	-	5,660	-	5,660	-	-	-
Ichthyology	-	1,136	-	1,136	-	-	-
Herpetology	-	2,972	-	2,972	-	-	-
Ornithology	-	7,834	-	7,834	-	-	-
Mammalogy	-	4,223	-	4,223	-	-	-
Library	4,337	16	408	4,761	4,337	-	4,337
Total	27,934	69,839	12,436	110,209	27,542	392	27,934



Museum Board

7. Payables

	2003 \$'000	2002 \$'000
<b>Current</b>		
Creditors and accruals	93	153
Employee costs	45	34
	<u>138</u>	<u>187</u>
<b>Non-Current</b>		
Employee costs	<u>70</u>	<u>54</u>

8. (a) Provision for Employee Entitlements

<b>Current</b>		
Provision for annual leave	240	177
Provision for long service leave	53	41
Provision for workers compensation	24	6
	<u>317</u>	<u>224</u>
<b>Non-Current</b>		
Provision for long service leave	610	472
Provision for workers compensation	68	18
	<u>678</u>	<u>490</u>

(b) Summary of Employee Benefits and Related On-cost Liabilities

<b>Annual Leave:</b>		
Included in payables – current (refer note 7)	39	29
Provision for employee benefits – current (refer note 8(a))	240	177
	<u>279</u>	<u>206</u>
<b>Long Service Leave:</b>		
Included in payables – current (refer note 7)	6	5
Provision for employee benefits – current (refer note 8(a))	53	41
Included in payables – non current (refer note 7)	70	54
Provision for employee benefits – non current (refer note 8(a))	610	472
	<u>739</u>	<u>572</u>
<b>Workers Compensation:</b>		
Provision for employee benefits – current (refer note 8(a))	24	6
Provision for employee benefits – non current (refer note 8(a))	68	18
	<u>92</u>	<u>24</u>
Aggregate employee benefit and related on-cost liabilities	<u>1,110</u>	<u>802</u>

9. Accumulated Surplus

Balance brought forward	61,720	61,942
Surplus (Deficit) from Ordinary Activities	2,440	(222)
Assets bought to account for the first time	69,215	-
Balance at 30 June	<u>133,375</u>	<u>61,720</u>

10. Reserves

	Land, Buildings & Improvements \$'000	Heritage Collections \$'000	Total \$'000
<b>2003</b>			
Balance at 1 July	1,521	-	1,521
Movements in reserves	-	12,436	12,436
<b>Balance at 30 June</b>	<u>1,521</u>	<u>12,436</u>	<u>13,957</u>
<b>2002</b>			
Balance at 1 July	4,292	-	4,292
Movements in reserves	(2,771)	-	(2,771)
Balance at 30 June	<u>1,521</u>	<u>-</u>	<u>1,521</u>

11. Commitments for Expenditure

(a) Operating Leases

Commitments under non-cancellable operating leases at the reporting date are payable as follows:

	2003 \$'000	2002 \$'000
Not later than one year	421	384
Later than one year and not later than five years	515	761
Later than five years	77	149
	<u>1,013</u>	<u>1,294</u>

These operating lease commitments, which are not recognised in the financial report as liabilities, comprise:

*Museum Board*

- non-cancellable property leases, with rental payable monthly in arrears. Contingent rental provisions within the lease agreements require the minimum lease payments to be increased by 5.5% per annum or the Consumer Price Index. Options exist to renew the leases at the end of their terms for a further five years.
- non-cancellable motor vehicle leases, with rental payable monthly in arrears. No contingent rental provisions exist within the lease agreements and no options exist to renew the leases at the end of their terms.
- non-cancellable photocopier lease, with rental payable monthly in arrears. No contingent rental provisions exist within the lease agreement and no option exists to renew the lease at the end of its term.

**(b) Agreements Equally and Proportionately Unperformed**

There were no agreements equally and proportionately unperformed as at 30 June 2003. Agreements equally and proportionately unperformed as at 30 June 2002 included contracts for the redevelopment of the South Australian Museum's Natural Science Building and totalled \$1.654 million.

**12. Contingent Liabilities**

There are no known contingent liabilities as at 30 June 2003.

**13. Reconciliation of Net Cash provided by (used in) Operating Activities to Surplus (Deficit) from Ordinary Activities**

Surplus (Deficit) from Ordinary Activities	2,440	(222)
Non-cash items		
Depreciation expense	989	1,022
Donations of heritage assets	(508)	(242)
Change in operating assets and liabilities		
(Increase) Decrease in assets	(84)	142
Increase (Decrease) in liabilities	248	(391)
Net cash provided by operating activities	3,085	309

**14. Payments to Consultants**

Payments to consultants during 2002-2003 fell within the following ranges:

	2003 Number of Consultants	2002 Number of Consultants
\$0 - \$10,000	1	2
Above \$50,000	-	1

The total amount paid to consultants in 2002-2003 was \$2,000 (\$181,000).

**15. Remuneration of Employees**

The number of employees whose annual remuneration was over \$100,000 fell within the following band:-

	Number of Employees 2003	Number of Employees 2002
\$100,000 - \$109,999	1	-
\$140 000 - \$149 999	1	1

The total remuneration received by these employees for the year was \$248,000 (\$143,000).

**16. Remuneration of Board Members**

The number of Board Members who received annual income from the Museum Board fell within the following bands:-

	Number of Board Members 2003	Number of Board Members 2002
\$0 - \$9 999	8	7
\$10 000 - \$19 999	-	1

The total income received by these Board Members for the year was \$37,000 (\$51,000).

**17. Remuneration of Auditors**

The audit fee in relation to the year to 30 June 2003 is \$22,000 (\$18,000).

The auditors provided no other services to the Board.

**18. Related Party Disclosures**

During the financial year the following persons held positions on the Museum Board:

Mr John Ellice-Flint, Chair (from 18 July 2002), Dr A Lloyd, Mr A Simpson, Assoc Prof M Sedgley, Mr P Ah Chee, Ms S Cookson, Ms P Capaldo and Mr R Edwards.

Board members or their related entities have transactions with the Board that occur within a normal customer or supplier relationship on terms and conditions no more favourable than those with which it is reasonably expected the entity would have adopted if the transactions were undertaken with any other entity at arm's length in similar circumstances.

**19. Targeted Voluntary Separation Package Scheme (TVSPs)**

In 2002-2003 there were no TVSPs paid. In 2001-2002 5 TVSPs totalling \$358,000 were paid with an additional \$109,000 for accrued annual leave and long service leave.

**20. Financial Instruments**

**(a) Terms and Conditions**

Financial Instrument	Note	Accounting Policies and Methods	Nature of Underlying Instrument
<i>Financial Assets</i>			
Cash Assets		Cash at bank is recorded at its nominal amount. Interest revenue is recorded on an accrual basis although some funds held within the total cash balance are non-interest bearing.	Interest is calculated based on the average daily balances of the interest bearing funds. The interest bearing funds of the Museum Board are the Special Deposit Account titled "Arts South Australia Operating Account" and the Deposit Account titled "Museum Board Bequests Account". The interest rate is the Treasurer's Approved Rate of Interest on Section 21 Deposit Accounts which is currently 4.60% (as at 30/6/2003).
Receivables		Receivables are recorded at amounts due to the Museum Board. They are recorded when services have been completed.	Receivables are due within 30 days.
<i>Financial Liabilities</i>			
Payables	7	Payables are recorded at the agreed amounts at which the liabilities are to be settled. They are recorded when invoices are received.	Terms of payment are 30 days unless otherwise agreed in the terms and conditions of individual contracts.

**(b) Interest Rate Risk**

Financial Instrument	Interest Rate Percent	2003			2002			
		Interest Bearing Rate \$'000	Non-Bearing Interest \$'000	Total \$'000	Interest Rate Percent	Interest Bearing Floating Rate \$'000	Non-Bearing Interest \$'000	Total \$'000
<i>Financial Assets</i>								
Cash Assets	4.60	2,338	3	2,341	4.17	1,094	2	1,096
Receivables	-	-	180	180	-	-	132	132
		<u>2,338</u>	<u>183</u>	<u>2,521</u>		<u>1,094</u>	<u>134</u>	<u>1,228</u>
<i>Financial Liabilities</i>								
Payables	7	-	93	93	-	-	153	153
		<u>-</u>	<u>93</u>	<u>93</u>	<u>-</u>	<u>-</u>	<u>153</u>	<u>153</u>

**(c) Net Fair Values of Financial Assets and Liabilities**

Financial Instrument	Note	2003		2002	
		Total Carrying Amount \$'000	Net Fair Value \$'000	Total Carrying Amount \$'000	Net Fair
Cash Assets		2,341	2,341	1,096	
Receivables		180	180	132	
		<u>2,521</u>	<u>2,521</u>	<u>1,228</u>	
Payables	7	93	93	153	
		<u>93</u>	<u>93</u>	<u>153</u>	

The net fair values of both financial assets and liabilities approximate their total carrying amounts.

**(d) Credit Risk Exposure**

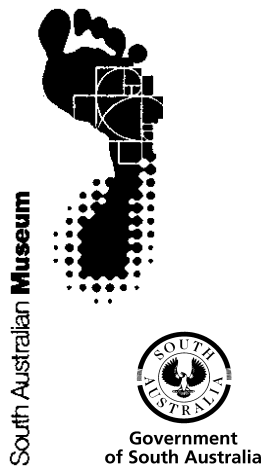
The Museum Board's maximum exposure to credit risk at reporting date in relation to financial assets is the carrying amount of those assets as indicated in the Statement of Financial Position.

The Museum Board has no significant exposures to any concentrations of credit risk.

In our opinion, the attached Financial Statements of the Museum Board, being the Statement of Financial Performance, Statement of Financial Position and Statement of Cash Flows for the year ended 30 June 2003 and notes thereto, present fairly, in accordance with Statements of Accounting Concepts, applicable Accounting Standards, Urgent Issues Group Consensus Views, and the Treasurer's Instructions and Accounting Policy Statements as promulgated under the provisions of the Public Finance and Audit Act, 1987, the financial position of the Museum Board as at 30 June 2003 and the results of its operations and its cash flows for the year then ended. In addition, we consider the internal controls over financial reporting have been effective throughout the reporting period.

Dr. T. Flannery  
***DIRECTOR***  
**SOUTH AUSTRALIAN MUSEUM**

Mr. S. Riley  
***GENERAL MANAGER***  
**SOUTH AUSTRALIAN MUSEUM**



**September 2003**

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