

SOUTH AUSTRALIA

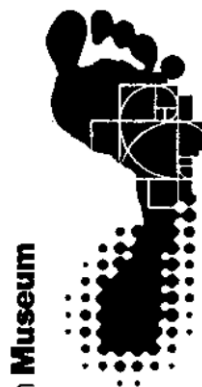
---

**ANNUAL REPORT**

OF THE

**SOUTH AUSTRALIAN  
MUSEUM BOARD**

**2011-2012**



Government  
of South Australia

**September 2012**

**South Australian Museum**  
North Terrace  
Adelaide, South Australia 5000  
ABN 39 808 959 302  
[www.samuseum.sa.gov.au](http://www.samuseum.sa.gov.au)

Director  
Telephone +61 (08) 8207 7395

*For copies of this document please  
contact:*

Website: [www.samuseum.gov.au](http://www.samuseum.gov.au)  
Telephone: +61 (08) 8207 7395  
Facsimile: +61 (08) 8207 7643

ISSN 0375-1619

19 September 2012

The Hon John Hill MP  
Minister for the Arts  
GPO Box 2555  
ADELAIDE SA 5001

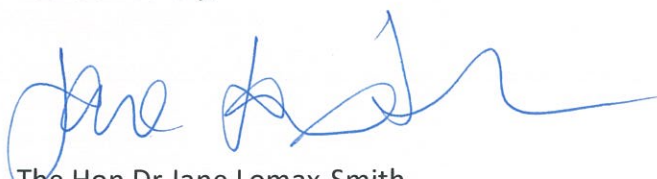


Dear Minister Hill

I am pleased to present the Annual Report of the South Australian Museum Board for the year ending 30 June 2012.

This year, for the first time, we are pleased to highlight where we are contributing to the Government's Seven Strategic Priorities as well as South Australia's Strategic Plan. The Museum has achieved a significant impact in the community and we are grateful for your ongoing support.

Yours sincerely,



The Hon Dr Jane Lomax-Smith  
Chair  
South Australian Museum Board

**ANNUAL REPORT**  
**of the**  
**SOUTH AUSTRALIAN MUSEUM BOARD**  
**2011-2012**

| CONTENTS   | Page No.   |
|--|------------|
| <b>1. ROLE, LEGISLATION, STRUCTURE</b>   | <b>3</b>   |
| <b>2. ACHIEVEMENTS AND INITIATIVES</b>   | <b>5</b>   |
| Introduction   | 5          |
| Alignment with SA Government Strategic Priorities                                  | 5          |
| Alignment with SA Strategic Plan Objectives  | 5          |
| Highlights   | 6          |
| Community Engagement   | 13         |
| The DECD Education Managers  | 21         |
| Staff Achievements and Awards  | 23         |
| Official Visits and Tours  | 23         |
| Science Research   | 24         |
| The Collections  | 29         |
| Development  | 32         |
| Support Organisations  | 35         |
| Aboriginal Reconciliation  | 35         |
| Volunteer Support  | 36         |
| Work Experience  | 36         |
| Greening of Government Operations Reporting  | 37         |
| Energy Efficiency Action Plan Reporting  | 37         |
| <b>3. PUBLICATIONS, TEACHING AND DISSEMINATION OF RESEARCH AND COLLECTIONS</b>     | <b>38</b>  |
| Books and Monographs   | 38         |
| Chapters In Books  | 39         |
| Scholarly Journal Papers   | 41         |
| Other Publications (Book Reviews, Conference Proceedings, Contributed Papers Etc.) | 54         |
| Conference Papers, Talks and Lectures  | 56         |
| External Researcher Publications (based on SA Museum collections)                  | 66         |
| Any Other Events   | 72         |
| <b>4. STAFF LIST</b>   | <b>82</b>  |
| <b>5. HUMAN RESOURCES</b>  | <b>88</b>  |
| <b>6. OCCUPATIONAL HEALTH, SAFETY AND INJURY MANAGEMENT (OHS&amp;IM)</b>           | <b>91</b>  |
| <b>7. ACCOUNT PAYMENT STATISTICS</b>   | <b>100</b> |
| <b>8. FRAUD AND LEGISLATIVE COMPLIANCE</b>   | <b>100</b> |
| <b>9. CONSULTANTS</b>  | <b>101</b> |
| <b>10. FREEDOM OF INFORMATION ACT, 1991 PART 11 SECTION 9(2)</b>                   | <b>102</b> |
| <b>11. INDEPENDENT AUDIT REPORT OF FINANCIAL STATEMENTS</b>                        | <b>104</b> |

# **ANNUAL REPORT OF THE SOUTH AUSTRALIAN MUSEUM BOARD 2011-2012**

## **1. ROLE, LEGISLATION, STRUCTURE**

### **ROLE**

The role of the South Australian Museum is 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.

### **LEGISLATION**

Management of the South Australian Museum is prescribed under the South Australian Museum Act, 1976. The Board noted the implementation of the Statutes Amendment (Arts Agencies Governance and Other Matters) Bill 2010 during this period. Specifically, Part 10 of the Bill applied amendments to the South Australian Museum Act, 1976.

The South Australian Museum is a Division of Arts South Australia within the Department of the Premier and Cabinet. The South Australian Museum Board comprises eight people appointed by the Minister. The Board functions as a body corporate.

Members of the Board during 2011-2012 were:

Mr John Ellice-Flint (Chair) – Term ended August 2011

Mr Paul Ah Chee - Term ended July 2011

Ms Natasha Stott Despoja AM

Prof. Sue Carthew – withdrew board position December 2011

Ms Elizabeth Perry

Hon Dr Jane Lomax-Smith (Chair) – Term commenced August 2011

Mr Dean Dalla Valle – Term commenced August 2011

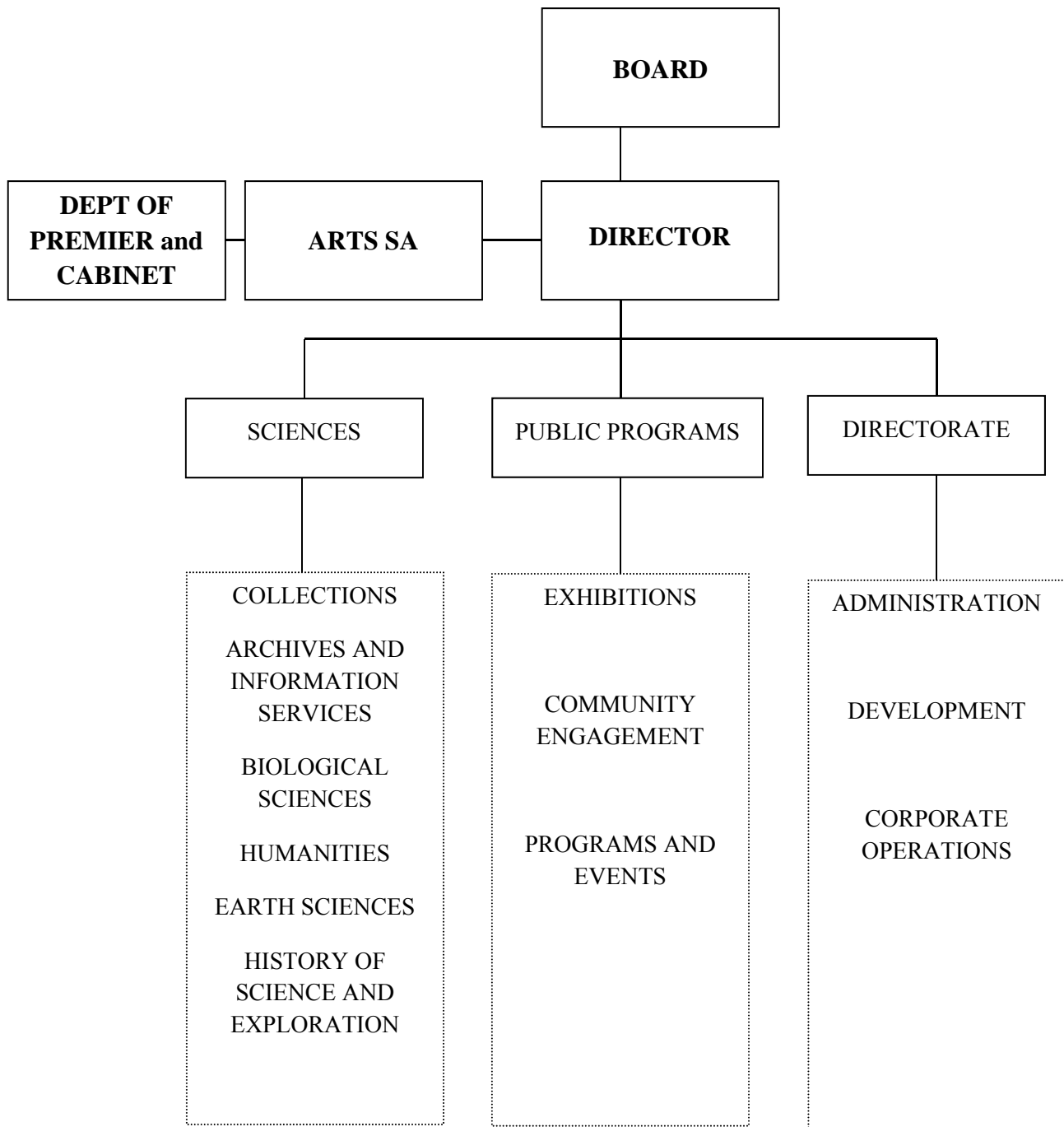
Prof. Michael Worton – Term commenced August 2011

Mr David Rathman AM – Term commenced April 2012

Prof. David Adelson – Term commenced April 2012

## STRUCTURE

The organisational structure of the South Australian Museum is outlined as follows:



## **2. ACHIEVEMENTS AND INITIATIVES**

### **INTRODUCTION**

We care for museum collections of national and international importance and present these to the public across South Australia and beyond. Our wealth of treasures collected over 150 years cover everything from Australian and international archaeology and anthropology to world cultures and social history; from science and technology to the natural world.

Inspired by our treasures and worldwide connections, we make an impact far beyond our museum buildings. From international collections loans to strong research and exhibition collaborations with overseas partners, we have continued to extend our global reach.

In these challenging times, our museum continues to provide enjoyment and inspiration and strives to maintain best practice in all aspects of its endeavors.

### **ALIGNMENT WITH THE SOUTH AUSTRALIAN GOVERNMENT STRATEGIC PRIORITIES**

The museum's programs and activities allow us to deliver benefits to our wide range of audiences with particular emphasis on the following government priorities:

Creating a vibrant city: as a major cultural institution in the heart of the city, the museum has delivered programs throughout the year to maximise public access to this precinct. Over 736 000 visitors have enjoyed the Museum's programs and exhibitions on North Terrace. Particular innovations have included evening/night-time programs that bring vibrancy to the precinct after normal business hours. The museum continues to attract overseas and interstate visitors, providing a quality tourism experience.

Every chance for every child: The museum has continued to develop new programs specifically designed and delivered for key audiences (Under 5's; school curriculum-related programs and family programs with particular focus on cross-generational engagement and learning). These programs have attracted over 100 000 young children to participate in museum activities.

Realising the benefits of the mining boom for all: The museum's research excellence in ore body formation and delivery of better on-line access to its Aboriginal Collections has been made possible through financial support direct from the mining sector. The museum has also successfully engaged new partners from the mining sector to support its engagement and educational projects.

### **ALIGNMENT WITH THE SOUTH AUSTRALIAN STRATEGIC PLAN OBJECTIVES**

The museum continues to sustain and develop its commitment to key objectives of the South Australian Strategic Plan (2007). In particular:

Our community: As a major tourist attraction the museum also contributes to the tourism industry (target 4), by providing a quality tourism experience for interstate and international visitors alike. The rejuvenation of the Australian Aboriginal Cultures Gallery has been key to

delivering a better tourism product for the State. The museum's digital strategy has been key to enhancing our international profile.

Our prosperity: The South Australian Museum continues to attract Aboriginal people into employment at a level considerably in excess of the Government target of 2%.

Our environment: The museum actively engages in research and development directly impacting on public research expenditure (Target 96 Public Research Expenditure). The museum has put in place a new recycling regime to reduce waste to landfill (Target 67 Zero Waste). The museum has also funded the building of secure bicycle storage for the precinct to actively encourage more cycling to/from work (Target 2 Cycling).

Our Education: The museum has developed specific literacy programs for under 5's (Target 87 Reading, writing and numeracy). The museum has further developed a targeted science education approach using "learning through collections" such as the *Out of the Glass Case Science Road Show*, our *Travelling Science Education Service*, and our science-related engagement activities on-site (Target 88 Science and maths). In particular, our Science education program delivery in the APY Lands contributes directly to Aboriginal education. Our staff participates directly in tertiary teaching programs (Target 93 Tertiary education and training). 50% of the Board of the South Australian Museum comprises women (Target 30 Boards and committees). The Chair of the Museum Board is female (Target 31 Chairs of boards and committees).

Our ideas: The museum contributes directly to cultural engagement, attracting more than 736 000 visitors to the museum during the year (Target 99 Cultural engagement - institutions). The South Australian Museum delivered research outcomes, in partnership with South Australian universities, to attract over \$5 million of research income (Target 97 University research income). The museum supports more than 200 volunteers engaged in specific volunteering programs, across a range of activities (Target 24 Volunteering).

## HIGHLIGHTS

### Visitation

Over the past 12 months, overall visitation to the museum, its regional events and touring exhibitions was over 860 000. We welcomed 736 620 visitors to our museum on North Terrace. Beyond our museum, we delivered activities to 11 locations across South Australia, reaching an audience in excess of 10 000 and a further 6 activities across Australia, reaching an audience in excess of 100 000. Our international touring exhibition, *Muslim Cameleers: Pioneers of the Inland, 1860s – 1930s*, had a visitation of 12 549 at the Islamic Arts Museum, Kuala Lumpur.

## Special Exhibitions

### *Main Temporary Exhibition Gallery*

#### *2011 Waterhouse Natural History Art Prize*

16 July - 4 September 2011

In its ninth year, the annual Waterhouse Natural History Art Prize featured 103 artworks, which were selected from a field of 821 Australian and international entries.

Judges awarded the \$50 000 overall prize to Adelaide artist Julie Blyfield for her silver work *Scintilla Series*.

Visitation: 11 598

Paid entry

#### *ANZANG Nature Photography*

30 September - 20 November 2011

In the South Australian Museum's third year of managing this competition, ANZANG Nature Photography received 1 620 entries and the resulting exhibition featured 103 photographs. Ofer Levy's photograph *Grey-headed Flying Fox drinking behaviour* won the overall prize for its stunning capture of animal behaviour.

Visitation: 4084

Paid entry

#### *Journey to the Abyss*

17 December 2011 - 12 March 2012

Developed by the South Australian Museum, *Journey to the Abyss* led visitors on an adventure to the ocean's depths. Rich in specimens from the museum's collections, the immersive experience also featured family-friendly interactive, life-like models and beautiful imagery from the ocean.

Visitation: 25 677

Paid entry

#### *A Different Time: The Expedition Photographs of Herbert Basedow 1903 -1928*

11 May – 24 June 2012

This travelling exhibition from the National Museum of Australia featured the photography of Herbert Basedow, an anthropologist, geologist and medical doctor who used photography to document his expeditions into central and northern Australia. The exhibition was augmented with material relating to Herbert Basedow from the South Australian Museum's own collections.

Visitation: 16 422

Free entry



***Australian Aboriginal Cultures Gallery***

***Temporary Exhibition Gallery***

*Tjukurpa nyangatja ngananala unngu ngaranya* (These are our stories, they live inside us)

14 October – 20 November 2011

An exhibition of paintings, ceramics, Punu (wood carvings) and Tjanpi (weaving) from Ernabella Arts, Australia's oldest indigenous art centre, located in the Anangu Pitjantjatjara Yankunytjatjara (APY) Lands. The exhibition was connected to the museum's APY Lands Roadshow project.

Visitation 4402

Free entry

***Congo Exhibition***

30 November 2011 – 4 March 2012

This exhibition displayed the South Australian Museum's Badcock Collection from the Upper Congo of Central Africa, purchased in 1932. It sought to demonstrate the relevance of a century-old collection to circumstances in the Congo today and to inform visitors to the exhibition of the historical and cultural context of the artefacts.

Visitation 14 740

Free entry

***Our Culture Burns Brightly***

8 March – 18 March 2012

*Our Culture Burns Brightly* comprised an exhibition of portraits of contemporary Aboriginal Australians by photographer Richard Lyons.

Visitation 2136

Free entry

***Northern Impressions***

23 March – 6 May 2012

*Northern Impressions* showcased limited edition prints by artists from across the Top End, Central Australia, Mornington and Bentinck Islands and Kimberley regions.

Visitation 8851

Free entry

*The Namatjira Project exhibition*

30 May – 26 June 2011

An extension of the Namatjira Project theatre piece, this exhibition featured original watercolours of central desert landscapes by Albert Namatjira's descendants from Ngurratjuta Many Hands Arts Centre and large scale portraits by Robert Hannaford, Evert Ploeg and Michael Peck.

Visitation 4926

Free entry

***Various locations inside South Australian Museum***

All of these exhibitions are offered free and are integrated as part of the gallery space, thus visitation figures are not available.

***Inside SAM's place***

*Inside SAM's Place*, a creative collaboration between the museum and Craftsouth (the South Australian peak industry body for craftspeople, designers and visual artists) provided an opportunity for five South Australian artists to interpret the museum's historical collections using the language of craft, design and visual art. The program commenced in 2010.

*Sera Waters: Flocked*

1 July – 7 August 2011

Biodiversity Gallery

Waters spent several months in early 2011 studying bird collections at the museum and gathering personal bird stories from the public. *Flocked* featured Waters' resulting textile and embroidered art, together with bird skins, eggs and nests from the museum collection. It celebrated the colourful culture of local birds and people, and the connections between them.

***Spotlight Series***

The Spotlight Series is a changing display that showcases some of the treasures in the museum's collections, with particular reference to donations, unique collections and research.

***Spotlight Series Sudan***

31 October 2010 – 4 March 2011

Main Foyer / North Foyer

A display of jewellery, musical instruments other objects from Equatorial Southern Sudan, and the Nilotic peoples of Southern Sudan. All items were drawn from the Foreign Ethnology Collection at the South Australian Museum.

Spotlight Series *Hawker collection of African birds*

2 May – 31 July 2011

Main Foyer

During the late 1800s and early 1900s RM Hawker donated many bird specimens to the South Australian Museum, nearly 700 of which still remain in the Ornithological Research Collection. Most significant of Hawker's birds are those from Africa, a selection of which were displayed in the main foyer as part of the Spotlight Series. The birds were accompanied by some of Hawker's personal effects, loaned by his family.

Spotlight Series *Meteorites*

1 August – 30 October 2011

Main Foyer / North Foyer

Celebrating the 100th anniversary of the youngest of the Martian meteorites seen to fall to Earth, this display featured Nakhla, a special meteorite in the South Australian Museum's collections, all the way from Mars.

Spotlight Series *The Galloping Major*

23 April – 24 June 2012

Main Foyer

Major Peter Badcoe's medals, including his Victoria Cross, were displayed to coincide with ANZAC Day. The medals were accompanied by letters, awards, citations, photographs, newspaper articles, medals, an audio tape recording, and aerogrammes and their transcriptions that documented Badcoe's military deployment in Vietnam.

### ***Focus displays***

#### ***Art of Chemistry***

1 August – 28 August 2011

North Foyer

As part of the International Year of Chemistry, the Royal Australian Chemical Institute Inc brought together a group of Australian artists and chemists to produce *Art of Chemistry*, a new take on the Periodic Table.

#### ***Design Institute of Australia – Water***

11 November – 20 November 2011

North Foyer

A display aimed at promoting the importance and relevance of design to the cultural and commercial wellbeing of South Australia. It was themed to highlight the importance of water and water conservation to the greater community.

#### ***Barcode of Life***

21 November – 15 December 2011

North Foyer

An interactive art display that introduced visitors to the science of DNA barcoding and how it is being used to catalogue the world's vast biodiversity. The five artworks were accompanied by a QR code that visitors could use their smartphones to scan and access further information about the species.

### **Touring Exhibitions**

#### ***Australia's Muslim Cameleers***

21 October 2011 - 21 January 2012

Islamic Arts Museum Malaysia, Kuala Lumpur

*Australia's Muslim Cameleers: Pioneers of the Inland, 1860s – 1930s*, developed by the South Australian Museum in 2007, reveals the remarkable contribution Australia's first Muslim community made to the exploration and settlement of Australia's arid interior. Following a successful tour to seven Australian venues the exhibition travelled to Malaysia for its first overseas display.

Visitation: 12 549

### ***ANZANG Nature Photography***

The full exhibition of the 2011 ANZANG Nature Photography travelled to Western Australia after the exhibition closed at the South Australian Museum.

Western Australian Museum – Albany

15 December 2011 - 5 February 2012

Visitation: 16 248

Western Australian Museum - Kalgoorlie-Boulder

3 March – 4 May 2012

Visitation: 18 650

Western Australian Museum - Geraldton

17 May – 15 July 2012

Visitation: 6890

The previous year's ANZANG exhibition also travelled to Tasmania during 2011-12.

Queen Victoria Museum and Art Gallery - Launceston

15 September - 4 November 2011

Visitation: 13 031

An abridged version of the ANZANG Nature Photography exhibition travelled to New South Wales.

Willoughby City Council Chambers

28 October - 28 November 2011

Visitation figures not available.

### ***Waterhouse Natural History Art Prize***

An exhibition of 31 prize-winning and highly commended artworks from the 2011 Waterhouse Natural History Art Prize.

*National Archives of Australia, Canberra*

23 September – 13 November 2011

Visitation: 7887

## COMMUNITY ENGAGEMENT AND PROGRAMS

Community Engagement's core responsibility is to inspire, excite and engage a broad range of audiences through high quality, accessible learning experiences, programs and events framed around the museum's research and collections.

### *Out of the Glass Case Roadshow*

The South Australian Museum's *Out of the Glass Case* Community Outreach Program is an innovative program for regional, rural, remote and local communities to increase access to the museum's stories, collections and research. *Out of the Glass Case* enables the museum to travel outside its brick walls across South Australia to engage with individuals, groups and communities who would otherwise not easily access or visit the South Australian Museum. It:

- Provides innovative outreach programs to engage all ages.
- Provides communities with access to the museum's stories, collections and research.
- Provides high-level engagement in current scientific research.
- Exposes people of all ages to the diverse fields of science.
- Offers interactive, hands-on experiences with the museum's collections.
- Promotes cultural connections, pride and leadership.
- Provides opportunity for discussion on pathways for further education in science, natural and cultural history.

### *NAIDOC Week 2011*

#### *Panyimai*

Wednesday 6 July 2011

The museum hosted a NAIDOC Week event to celebrate the culture, history and achievements of Aboriginal and Torres Strait Islander people. Prominent Aboriginal Community members were invited to join South Australian Museum in a special event at the museum – 'Panyimai' *Dawn Food (Breakfast)*. This was an opportunity for community members to share their stories, experiences and contributions within the Aboriginal Community and beyond with South Australian Museum staff, and make links between the museum and the Aboriginal Communities represented.

#### *Family Fun Day at Elder Park*

Friday 8 July 2011

The Community Engagement Team and the Education Team from the South Australian Museum participated in the annual Family Fun Day for NAIDOC Week, by developing an interactive stall at Elder Park. This incorporated a collection of family history and genealogy records, part of the *Aboriginal Life and Lands* travelling exhibition and a small collection of artefacts that participants in the NAIDOC family fun day could handle. Information was also shared with participants on the programs and services the museum offers to Aboriginal people, such as the Indigenous Youth Program.

Participation: 500

Free entry

### ***Westfield Plaza Shopping Centre School Holiday Program***

The partnership with Westfield Shopping Centre continued, providing engagement activities at locations across Adelaide. Approximately 5 000 people interacted and participated in art and craft activities and heard stories from the museum's collections.

21 July 2011 - Marion; 22 July 2011 - West Lakes; 23 July 2011 - Tea Tree Plaza

7 October 2011 - Tea Tree Plaza; 12 October 2011 - West Lakes; 13 October 2011 - Marion

Participation: 5 000

Free entry

### ***Kura Yerlo Nunga Nites***

Kura Yerlo's youth programs are aimed at engaging both young Aboriginal and non-Aboriginal youth between the ages of 11-19 who are at risk of disengaging or have disengaged with mainstream schooling.

### ***Fossils***

Participation: 70

### ***Aboriginal Technologies***

Participation: 100

### ***Southern Metro Roadshow***

26 – 28 October 2012

A team of museum education officers, scientists, researchers, collection managers, and information officers in partnership with Flinders University staff provided a free day of teaching and learning sessions with student groups rotating between designated sessions across the day.

Schools invited to participate in the 2011 *Southern Metro Out of the Glass Case Roadshow* were Christies Beach High School, Hamilton Secondary College and Wirreanda High School. Each of these schools is considered disadvantaged as rated by the Department for Education and Child Development in the Index of Disadvantage and do not readily access or visit the South Australian Museum. 200 students from each school were able to access the program.

Participation: 600

Free entry

### ***Port Lincoln Out of the Glass Case Roadshow***

16 - 17 February 2012

School Workshops were held at Port Lincoln High School. Participating Primary Schools were Port Lincoln Junior Primary School, Kirton Point Primary School and Poonindie Primary School. Participating High Schools were St Joseph's College, Port Lincoln High School and Navigator College.

Participation: 730

The museum provided a special science engagement performance *Dinosaurs Down Under* at Lincoln Gardens Primary School by "Professor Flint". Lincoln Gardens Primary School is a low socio economic category 1 school. The students rarely have the opportunity to attend extracurricular activities.

Participation: 70

The museum also hosted a free community twilight session, *A Night of Discovery with the South Australian Museum*, at the Port Lincoln Hotel.

Participation: 300

Free entry

### ***Whitelion***

29 March 2012

Whitelion is a not for profit community organisation that supports and empowers young people at risk. The museum facilitated a day of quizzes and activities based on diverse topics such as Fossils, Spiders and Aboriginal Technologies.

Participation: 30

Free entry

### ***Reconciliation Week Family Fun Day***

27 May 2012

A Family Fun Day was held on the front lawns of the South Australian Museum to support Reconciliation Week and support the experiences of Aboriginal and Torres Strait Islander people. The audience participated in a variety of activities including an opening ceremony with Welcome To Country, Dance Performances, Aboriginal Singer Songwriters Nancy Bates and Allan Sumner, Arts and Crafts, Story Telling inside Kudlyo the Black Swan and a special tour of the Australian Aboriginal Cultures Gallery.

Participation: 1500

Free entry



### ***Magill Training Centre Out of the Glass Case***

29 - 31 May 2012

The museum facilitated a unique *Out of the Glass Case* Roadshow to Magill Training Centre for Reconciliation Week 2012. The Magill Training Centre is the Admission and Assessment Centre in South Australia for all children and young people between 10 to 18 years of age who are placed into criminal custody.

Workshops consisted of *Megafauna Makeover*, *Aboriginal use of Technology*, *Collecting Marine Specimens for the Museum*, *Aboriginal Cultural Material*, and *Spiders*.

The expertise of museum staff enabled the young people participating in our workshops to gain a greater understanding of the exciting world of natural and cultural history as well as museum collections and stories. The young people had an opportunity to view the world from a different perspective.

Participation: 54

### ***Goolwa Out of the Glass Case Roadshow***

12 -16 June 2012

Museum staff visited Victor Harbor Primary School and Goolwa Primary School, delivering interactive, hands-on sessions based on our science collections.

Participation: 253

Museum staff also provided a free community day of activities: *A Day of Discovery with the South Australian Museum*. Topics included: *Dinosaurs Down Under*, *What the Sea Threw Up!*, *Butterfly Challenge*, and *Bone Box Sessions*.

Free entry

### ***APY Lands Project 2012***

The APY Lands Roadshow program is in its 3rd year. In 2010 a one stop Roadshow in Umuwa was held where schools came to a central museum camp. By expanding the relationships between the museum and the APY Lands communities, in 2011 the museum was invited to work directly in the communities.

Participation: 732

### ***Ernabella Arts***

13 October – 13 November 2011

As part of the APY Lands project the museum hosted an Ernabella Arts exhibition of basket weaving and ceramics. Activities related to the exhibition included basket weaving workshops for visitors and schools workshops with Anangu Artists from Ernabella.

Free entry

## **Onsite South Australian Museum Programs**

### ***National Science Week 2011***

14 - 19 August 2011

This free event provided an opportunity to promote an interest and understanding of the relevance of science and scientific thinking in people's daily lives. In 2011 the program began with a Family Fun Day providing workshops, short talks, performances, gallery tours, a shell expo and more. This event drew on the expertise of South Australian Museum staff, community artists, university staff and other invited guests and attracted 3 500 visitors. A schools program was offered during the week including face-to-face student workshops and a schools science program developed in collaboration with Artlab Australia, The State Library of South Australia and the Art Gallery of South Australia. Throughout the week visitors also enjoyed exclusive access to the behind-the-scenes research and preparatory work of Science Centre staff. Science Week also incorporated two other key events, *Be a Beachcomber* and *FIVE: The Artist's Trail* (detailed below).

Participation: 11 500

Free entry

### ***Be a Beachcomber***

17 August 2011

Designed to engage all ages from school children to senior citizens, this free event was a highly successful collaboration between the South Australian Museum, the Barbara Hardy Centre of the University of South Australia and the Department for Environment, Water and Natural Resources. The event was held at the South Australian Museum and involved 891 ABC Adelaide in a live broadcast. The event encouraged active visitor participation, inviting people of all ages to bring in their beach artefacts to discuss with the South Australian Museum scientists, to explore a range of interactive beachcombing displays, to talk to a range of experts, and to explore issues of sustainability along South Australia's coastline environments. This event built the partnerships between the collaborating organisations and provided an innovative model for future events. Overall 32 people from external organisations were involved in displays and student workshops, whilst scientists from the South Australian Museum staff identified the objects brought by visitors. Partner organisations also assisted with marketing, design, evaluation and logistics. Over 70 people participated in the delivery of this project. Key organisations that supported the events included Santos, the Malacological Society of Australasia, Reefwatch, Adelaide and Mount Lofty Natural Resource Management Board, South Australian Research and Development Institute, Department for Education and Child Development and FauNature. The event resulted in a 30 % increase in visitation. We also extended our audience reach and participation via the 891 ABC radio broadcast. The museum received extremely positive feedback on the events from students and their teachers.

Participation: 2000

Free entry

### ***FIVE: The Artist Trail***

5 – 28 August 2011

This trail was developed in collaboration with Artlab Australia as part of the SALA Festival to create a link between Artlab's SALA exhibition and the Museum's South Australian Biodiversity Gallery. The trail brought together the work of artists who created the thousands of replicated specimens in the South Australian Biodiversity Gallery with the individual artworks of five of these artists, Kathy Aird, Trena Everess, Katrina Kenny, Megan O'Hara and Trish Whittle. These artists reunited to showcase their individual artworks in the ArtLab foyer as part of the 2011 SALA Festival. Visitors were then encouraged to visit the South Australian Biodiversity Gallery and view hand painted replicas of diverse animal life from marine worms to desert reptiles created by the five artists.

Free entry

### ***Atkins Photographic Workshops 2011***

October - November 2011

To complement the ANZANG photography exhibition the museum coordinated a series of photographic workshops, presented by Paul Atkins of Atkins Technicolour. These 2 hour workshops covered the topics of:

- Photographic Image Management.
- Preparing for Printing.
- Using Photobooks to Mark Your Memories.

Participation: 45

Free entry

### ***The Sprigg Lectures 2011 - 2012***

The Sprigg series of lectures commemorate a remarkable South Australian, Dr Reg Sprigg OA with a program of exceptional guest presenters in diverse fields from natural environment and conservation. The events continued to attract maximum capacity audiences with lectures based on science, research, discoveries, expeditions and endeavour.

Participation: 750 over 4 lectures.

Free entry

### ***Tell Me a Story 2011 - 2012***

This story-telling program for children aged 3-5 years and their families, offers a quality science based experience. It has continued to grow in popularity with sessions being fully booked. Sessions are designed deliberately with smaller groups to maximise participation and engagement for young visitors. Due to the generosity of the Wood Foundation this program has been able to expand from four sessions per month to eight sessions per month.

Participation: 880

Free entry

### ***Palaeontology Week 2012***

24 March – 1 April 2012

This nine day fossil festival celebrated its 10<sup>th</sup> anniversary in 2012. International, national and local experts as well as museum staff and volunteers collaborated to deliver a comprehensive program of events for all ages. The Special Exhibition Gallery transformed into a hub of fossil activities including talks, interactive activities, drawing classes, dig pits, play areas for young children, displays and performances. An evening program was also provided for visitors that included a movie screening on the front lawns, careers night designed for 12 – 18 year olds, a quiz night and torchlight tours of the fossil galleries. A day of *Fossil Fun* designed especially for under 5's and their families was a highly visited event that included drawing, craft, face painting, storytelling and more. Working in collaboration with the museum's Education team, this fossil festival also offered student workshops for 490 school students ranging from reception to year 9. Guest presenters and museum staff also travelled to regional events in Coober Pedy, Naracoorte Caves, Burra and the Flinders Ranges to present talks and facilitate hands-on activities. Total visitation at the South Australian Museum for Palaeontology Week was over 10 500 visitors for the day program, 500 visitors attending the evening events and additional participants attending regional talks and activities.

Participation: >11 000

Free entry

### ***School Holiday Program 2011 - 2012***

A school holiday program has been offered at the South Australian Museum for over 30 years. It has continued to maintain its enormous popularity with many children and their families. This program provides the museum with a perfect opportunity to offer high quality, fun and engaging experiences that encourage visitors to explore and celebrate nature and culture. The themes offered in 2011-12 included:

July 2011: NAIDOC Week celebrations; October 2011: Ancient Egypt; January 2012: Under the Sea; April 2012: Sea to Shore (fossils). Over the last four years the program has experienced an increase in visitation by School Vacation Care and Family Day Care groups with an average of 40 groups (600-800 children) attending the program each year

Participation: 9650

### ***Sea to Shore: A Prehistoric Encounter***

*Sea to Shore* is an interactive show, which gave audiences an up close and personal theatrical puppet experience of South Australia's very own prehistoric creatures and fossil history. The museum's temporary exhibition space was transformed into a theatre incorporating sound, lighting and puppetry in a creative collaboration with Erth Visual and Physical Inc. This venture was also the museum's first collaboration with BASS, who managed online ticket sales throughout the event. *Sea to Shore* recorded the highest attendance of any museum school holiday program tripling our visitation figures for the period.

Participation: 6600

Paid entry: \$16.50 (Vac Care/conc \$14.50)

### ***Guided Tours***

There are currently 34 trained and dedicated Front of House Volunteers who provide an outstanding service to visitors through guided tours and assistance in a range of public programs. The volunteers continued to offer daily tours and also offer special guided tours of selected galleries to cater for visitors who have an interest in a particular aspect of the museums' collections.

### ***Deaf and Hearing Impaired Program***

In 2011 the Museum won an Inspiring Australia SA Community grant to support our commitment to providing access and equity to diverse groups within the community. The museum is keen to further develop an existing relationship with *Deaf Can Do* and increase the number of Deaf and hearing impaired clients that access and engage with the South Australian Museum's stories and collections. The museum, in partnership with *Deaf Can Do*, is developing training sessions for volunteers to enable them to offer guided tours of the different galleries within the museum to Deaf and hearing impaired visitors and groups. In 2012 this grant has enabled the team to provide an Auslan interpreter during our key talks program, the Sprigg lecture series.

## **South Australian Museum Education Services**

### **Museum school visitation:**

The total formal (pre-booked and facilitated) school visitation to the museum for the period was 33 895.

Galleries and exhibitions most visited were:

- Discovery Trail: 9874
- Australian Aboriginal Cultures Gallery: 13 631
- Biodiversity Gallery: 6075
- Egyptian Gallery: 3585
- Palaeontology Gallery: 1793
- Mawson Gallery: 2842
- Pacific Cultures Gallery: 1094
- Discovery Cases: 4500

### **Visitation by sector**

- Public: 21 806
- Catholic and Independent: 12 089

Total visitation/access to external museum education programs equalled 14 383– including:

- Roadshows: 9507
- Discovery Cases (external): 4876

## **The Department for Education and Child Development (DECD) Education Managers**

Two education managers on secondment from DECD continued to provide ongoing support to teachers and school groups visiting the Museum. The museum provides administrative support to the unit, which is further supported by Indigenous Culture and language specialists employed as instructors, and volunteers who assist in program development and in facilitating on-site school visits.

During the year, the unit researched and developed innovative new teaching and learning resources for teachers and students linked to the Biodiversity Gallery and the new Australian curriculum for Science. Professional development programs have been organised to introduce teachers to the revised teaching and learning resources for the Biodiversity Gallery. The unit also researched and developed a new teaching and learning resource linked to the Australian curriculum for History, and this was trialled by teachers and students who visited the Australian Aboriginal Cultures Gallery.

Two professional development workshops for teachers focussed on implementing the new History curriculum were organised in collaboration with the Education Manager at the Art Gallery of South Australia.

The Education team worked closely in collaboration with public programs and science staff to ensure that innovative teaching and learning programs were accessible to students in both the metropolitan and country schools across South Australia.

## **Special programs**

A number of highly successful special programs for schools were organised in collaboration with the museum's Community Engagement team including schools activities associated with Palaeontology Week, National Science Week, the Waterhouse Natural History Art exhibition and *Out of the Glass Case* Roadshows to the APY Lands, Whyalla, Port Lincoln and Burra.

## ***Pacific cultures and languages***

Therese Minitong-Kemelfield from Bougainville delivered hands-on programs for students in the Pacific Cultures Gallery on a fees for service basis.

## ***Project21***

Education staff were also involved in showcasing the federally funded work of *Project21* in which students have access to the data from remote sensing equipment to investigate various problems relevant to contemporary decision makers. This Federal Government funded project is being undertaken in collaboration with Flinders University.

### ***Aboriginal Youth Program 2012***

The *Aboriginal Youth Program (AYP) 2012* was promoted and managed by the Education team with voluntary assistance from Adnyamathana culture and language instructors and support from the Aboriginal staff involved with management of the museum's ethnographic collections as well as the museum's Aboriginal and Torres Straight Island people Family History Unit and Museum Archives staff. The program was well supported by teachers and included Aboriginal students in Years 10 -11 undertaking SACE Community Studies programs. The AYP continues to attract Aboriginal students. Students assisted in delivering teaching and learning programs to students visiting the Australian Aboriginal Cultures Gallery, visit the Archives and the Museum Collections Facility at Netley and received an introduction to the *Ara Irititja* program. In term 2 the students visited the Museum Archaeology Collections Facility where they learned about stone tool technologies and evolution.

The new education Discovery Cases, which are loaned to schools for their self-facilitated use are in constant demand. The total number of Discovery Case loans during the year was 68.

### **Conferences and Teacher Professional Development**

The Education unit presented professional development (PD) programs for teachers both at the museum and at conferences organised by professional associations and networks. The PD sessions have focussed on how teachers can use the museum displays and education resources to engage their students in teaching and learning programs linked to the new Australian curricula for Science and History.

The Education team are also directly contributing to the development of the National Curriculum, participating on the DECD Australian Curriculum Advisory Groups for Science.

## **Staff Achievements and Awards**

Director, Prof. Suzanne Miller was appointed as the Australian Representative and Vice Chair of Scientific Collections International (an OECD Global Science Forum initiative) and was appointed to the Premier's Science and Industry Council.

Head of Science, Prof. Robert Hill was appointed Acting Director of the University of Adelaide's Environment Institute and Editor-in-Chief of the Australian Journal of Botany.

Dr Jim Gehling, Senior Researcher Palaeontology was granted an Affiliate Professorship, University of Adelaide

## **Official Visits and Tours**

Mr I Gusti Ngurah Arjana and Mr Darwin Tampubolon, both from the National Secretariat of History and Archaeology, Directorate of Museums, Indonesia

His Excellency Mr Noel White, Ambassador of Ireland

His Excellency Mr Michael Small, High Commissioner of Canada

His Excellency Mr Rui Quartin-Santos, Ambassador of Portugal

Her Excellency Ms Koleka Mqulwana, South African High Commissioner

His Excellency Mr Omar Metwally, Ambassador of the Arab Republic of Egypt



## **SCIENCE RESEARCH**

Our academic research status has achieved new national and international recognition and an ambitious program of research enhanced access to our collections and knowledge. Over \$5 million in externally won research grants was secured during the year. The majority of this funding was obtained through competitively awarded grants from the Australian Research Council (ARC).

The museum also maintained strong collaborative research partnerships during the financial year. In total 152 partnerships were recorded: 27 with other museums, 85 with university departments, 34 with other research institutions and six with other agencies. Internationally, the museum has continued to cement enriching research collaborations with Canada, Chile, China, France, Germany, Iran, Japan, Korea, Malaysia, New Zealand, Papua New Guinea, South Africa, Spain, Sweden, UK and USA.

### **Anthropology and Humanities**

During the year, the Anthropology and Humanities section secured over \$121 000 in new external funding to support its research. The section has continued to work on a number of internationally and nationally collaborative research projects.

#### ***Foreign Ethnology***

Research on the Upper Sepik-Central New Guinea Project continued during 2011-12. This project is analyzing the variables affecting the spatial distribution of technical characteristics of material culture. The Project's website (<http://uscngp.com>) has been maintained and further content added. The research resulted in a second academic paper reporting analysis of data, published in the journal *Oceania* (Vol. 81) in 2011.

Fulbright scholar, Dr Christopher Roberts, joined the Project for six months during 2012 to prepare his book on the songs of Central New Guinea for publication and to transcribe and analyse songs of the Upper Sepik recorded in 1973. Resulting from this research, an Exhibition of around a hundred objects from Central New Guinea is being planned for the Pacific Cultures Gallery.

Collaborative research progresses on the World War One New Guinea Collections of the Museum of Victoria, to result in a published catalogue for the centenary of the take-over of German New Guinea in September 1914.

The museum continues to provide advice and support for the Trustees and new management of the Papua New Guinea National Museum and Art Gallery. In December 2011, Dr Barry Craig represented the South Australian Museum in the launch by Sir Michael Somare of the catalogue of the Papua New Guinea National Museum Masterpieces Gallery (*Living Spirits with Fixed Abodes* B. Craig ed. and primary author).

### ***Aboriginal Material Culture***

Ongoing research included the ARC-funded Red Ochre project in relation to the historical use of and trade in red ochre, with a particular research sub-project involving an investigation of ethno historical and chemical evidence for the Aboriginal use of red sealing wax as an ochre surrogate during the colonial period.

Research also continued on the ARC-funded *Reconstructing the Spencer and Gillen Collection* project, with colleagues in Melbourne and Canberra. This project has involved documentation of collections in the Manchester Museum, the British Museum and the Pitt Rivers Museum.

Research continued relating to the *Muslim Cameleers* project, adding content and design elements for the *Muslim Cameleers* website, funded through a grant from the Department of Immigration and Citizenship.

### ***Archaeology***

With the relocation of the museum's archaeology collections to a collections and research facility that has allowed assemblages to be studied, access to these collections for research purposes has increased significantly.

Research projects are continuing on archaeological sites at Dempsey's Lake, Port Augusta; Bales Bay, Kangaroo Island; Koonalda Cave, Nullarbor; Yorke Peninsula; and Roonka. These projects have been externally-funded through the Australian Institute of Aboriginal and Torres Strait Islander Studies (AIATSIS) and Indigenous Heritage Program funding (Australian Government Department of Sustainability, Environment, Water, Population and Communities).

### ***Archives and Information Services***

The Archives and Information Services section (including the Aboriginal and Torres Strait Islander Family History Unit) has provided on-going service to individuals and communities throughout the year. The section has responded to 100 research requests for Native Title, exhibitions, documentaries, film, thesis and private research, 170 Family History enquiries, and 10 Community requests for repatriation and workshops.

The section continues to contribute to Museum research projects as well as government initiatives such as a program to retain Aboriginal students in school and contribution to discussions on intellectual property relating to Aboriginal and Torres Strait Islanders.

One of the more notable contributions by the section was for a documentary as part of the SBS series *Who Do You Think You Are?* Michael O'Loughlin. With the assistance of the Archives and Family History Unit, Aboriginal footballer Michael O'Loughlin traced the bloodlines of his family, discovering an ancestor who was the first to be granted land in the newly formed colony of South Australia. As political agendas changed, an inter-generational fight for the right to land ensued. Michael also investigated a family legend that connects him to Australia's fifty dollar bill and discovered a life-changing ancestor, who was one of the last tribal Aboriginals from the Coorong and Lake regions to move onto the mission. Working alongside Australia's foremost anthropologist, Norman Tindale, his legacy was to preserve the memory of a disintegrating culture.

A valuation exercise for the Archives commenced during the year with the target of 10% of the collection being valued, being completed.

## **Biological Sciences**

During the year, the Biological Sciences section secured over \$3.2 million in external, competitive grant funding to support a variety of research projects, with 18 new successful grants awarded. These include three ARC Discovery and six ARC Linkage grants. The diverse research topics for these new ARC grants include conservation of the endangered Pygmy Bluetongue Lizard, conservation priorities in the Pilbara and the Kimberley using phylogenomics, diversity and conservation of Australian frogs, faunal responses to environmental change, gecko biodiversity, orchids and their pollinators, regressive evolution, shark management, and biogeography of trapdoor spiders. High productivity continued with staff, students and Honorary Research Associates publishing 127 scholarly journal articles, five books and seven book chapters during the year. Staff in the section have also been directly involved in the supervision of 38 research students (31 PhD students and 7 honours students). Two externally-funded, museum-based post-doctoral researchers have also contributed to the work of the section.

Other research projects include studies on the origins and dispersal of invertebrates in Antarctica, systematics of blood-feeding parasites, unique subterranean fauna from the Yilgarn Region of Western Australia, fresh-water amphipods, giant springtails, taxonomy of bottlenose dolphins, identification and distribution of gobies and assessment of commuting routes for the critically endangered Southern Bentwing Bat. Staff and Honorary Research Associates were also active in federal biological surveys throughout Australia, collecting new material to enhance the Museum's collections and to underpin new and on-going research projects.

Biological Sciences staff contributed to the organisation of the 4<sup>th</sup> International Barcode of Life conference in Adelaide in November/December 2011 in collaboration with The University of Adelaide. This conference attracted 463 participants from 61 countries to discuss the latest capabilities and applications of DNA barcoding and anticipated the opportunities for the next decade. Current Museum projects that involve DNA barcoding of terrestrial invertebrates include analyses of type specimens of selected Australian moths, robber flies and jewel beetles.

During the year, two Honorary Research Associates in Biological Sciences, Dr Michael Hammer and Dr Steve Richards, were appointed to full-time curatorial positions at the Museum and Art Gallery of Northern Territory.

Nearly 70 scholarly journal articles published by scientists external to the South Australian Museum emphasize the continued relevance of the different Biological Sciences collections that are curated here. These publications result from studies on biological specimens requested as loans to experts in their fields nationally and internationally.

## **Some selected research highlights**

### **Studies of evolutionary genetic changes in subterranean environments**

In a new ARC Discovery grant, Associate Professor Steve Cooper in collaboration with Professors Andy Austin (University of Adelaide) and Bill Humphreys (Western Australian

Museum) are exploring the evolutionary genetic modifications that occur when surface species colonise underground habitats. To isolate and characterise genes in eye development, innovative new next generation DNA sequencing techniques will analyse a unique model system based on subterranean water beetles from the arid zone of Western Australia. The investigation will enhance understanding of how evolution can lead to loss of characters such as eyes that no longer function in subterranean animals.

### **Seal populations off Kangaroo Islands**

Honorary Research Associate Dr Peter Shaughnessy is a world expert in South Australian seal populations. Five years ago, a small breeding colony of Australian fur seals was discovered on North Casuarina Island, 400 m south of Cape du Couedic at the south-western end of Kangaroo Island, the first record of this species breeding in South Australia, with 11 pups recorded. A follow up survey in January 2012 determined that their numbers had increased with 74 pups recorded. But the population of the abundant fur seal species of South Australia, the New Zealand fur seal, has decreased from ~500 pups per season between 1989–90 and 1995–96 to 244 pups in the 2011–12 season. Australian fur seals appear to be replacing New Zealand fur seals on parts of North Casuarina Island. Establishment of a breeding colony of the Australian fur seal on the island may represent a return of this species to an area where it became locally extinct following unregulated sealing during the nineteenth century.

### **Discovery of the Grey-bellied Dunnart in South Australia**

Small mammals can be difficult to identify in the field. Museum staff Associate Professor Steve Cooper, Dr Mark Adams, David Stemmer, Kathy Saint and Dr Catherine Kemper with Honorary Research Associate Dr Graham Medlin, student Matt McDowell and Dr Jeremy Austin (The University of Adelaide) used the diverse approaches of sub fossil bones, modern specimen morphology and allozyme and molecular genetics to discover that the Grey-bellied Dunnart occurs in South Australia. Previously, it was known only from the south west of Western Australia. This species is difficult to distinguish from the Little Long-tailed Dunnart and both species are now known to occur in the same habitats and localities on the Eyre Peninsula. In surveys, environmental impact and biodiversity studies, this makes it almost impossible for definite species identifications when dunnarts are caught and released. Sub fossil evidence has shown that the Grey-bellied Dunnart has lived in South Australia for at least hundreds, if not thousands, of years and previously had a wider geographical distribution. Genetic evidence indicates a long separation between South Australian and Western Australian populations.

### **Exploration of The Prince Charles Mountains, continental Antarctica**

Many of our research activities extend further afield than South Australia. During 2011–12, Dr Mark Stevens, students and collaborators set out on a three month expedition to explore biodiversity and to address fundamental biogeographic questions about life in The Prince Charles Mountains of Antarctica. This was the first biological exploration into this region that extends from the coast to more than 600 km inland.

## **Earth Sciences**

The Earth Sciences section continued to have major success in securing external funding for its research projects, with over \$1million dollars in new, competitively won grants in 2011-2012. This builds on top of a steady stream of ongoing research grant funding. Staff in the section have also been directly involved in the supervision of 21 research students (16 PhD students, 1 MSc student and 4 honours students) during the year. Four externally-funded, museum-based post-doctoral researchers have also contributed to the work of the section. The section has hosted a considerable number of national and international visiting researchers, including researchers from Germany, Sweden, Canada, France, Spain, the United States and the United Kingdom.

### ***Palaeontology***

The Palaeontology section continued to attract major international attention in 2011-12 through its internationally recognized research on the earliest complex animals. This research focuses on a number of sites in the Flinders Ranges and Kangaroo Island. Projects on the National Heritage Listed Ediacara fossil site at Nilpena in the Flinders Ranges have been led by Dr Jim Gehling in collaboration with a number of international researchers and a team of hard working volunteers including members of the Waterhouse club. Their focus has been to map the geology of the area, excavating large areas of sequential, fossil bearing strata and to study density, diversity and behaviour of these samples of seafloor communities of the Ediacara biota with an aim of reconstructing their ecosystem during the Ediacaran Period some 560-550 million years ago. The Kangaroo Island team included Dr Mike Lee, Dr Jim Jago and Dr Jim Gehling and has continued their excavation of the rich deposit of Cambrian fossils from Emu Bay. A recent *Nature* cover story (involving Lee and Jago), a perspective in *Science* (involving Gehling), both garnered international media coverage in the *New York Times* and the science magazine *Cosmos*.

### ***Mineralogy***

The “Minerals, Microbes and Solutions” research team lead by Prof Allan Pring and Associate Professor Joël Brugger continued to build national and international research collaborations. A major focus of the group is currently on understanding the formation gold, copper and uranium mineralization in deposits such as Olympic Dam, Prominent Hill and Moonta. The group has undertaken a number of experiments at synchrotron and neutron sources around the world in the last 12 months, including the Diamond Synchrotron in the UK, The Australian Synchrotron in Melbourne, the Opal reactor in Sydney and the Korean Atomic Energy Research Institute. These experiments examined the transport of metals in high temperature and pressure solutions and in the formation of minerals and led to a number of significant publications in leading journals. A second major research theme within the group is the interaction between precious metals and bacteria and this project is done in collaboration with Dr Frank Reith (University of Adelaide) and is funded by the Australian Research Council and the multinational mining companies *Barrick Gold* and *Newmont*. This work is changing our understanding of how gold is transported in the environment, and providing genetic clues that may lead to new tools for gold exploration.

## THE COLLECTIONS

The South Australian Museum continues to develop its collections through donations, field collecting and acquisitions and is building on digitisation initiatives to ensure access to data and images is available for all. The large number of loans to and from the Museum attests to the significance of these collections at state, national and international levels. This year the importance of our collections was recognised by the state government in the form of a major grant of funds towards the improvement of the entomology stores.

### **The Entomology Stores Project**

With the considerable assistance of Arts SA and ArtLab Australia the South Australian Museum was awarded \$2.67 million by the Government of South Australia towards the improvement of storage facilities for its world class entomology collection. Identified as being at risk from pest attack, most notably from *Anthrenus vevasci* (carpet beetle), the funding will allow for improvements to the storage envelope as well as provide for new pest proof storage cabinets. Over 2 million specimens will be moved into cold storage to allow for refitting the entomology store. The collection will then be returned to the store, the contents of over 5,000 specimen drawers being carefully transferred to the new facility. It is anticipated the collection will not be available for access and research until late 2013.

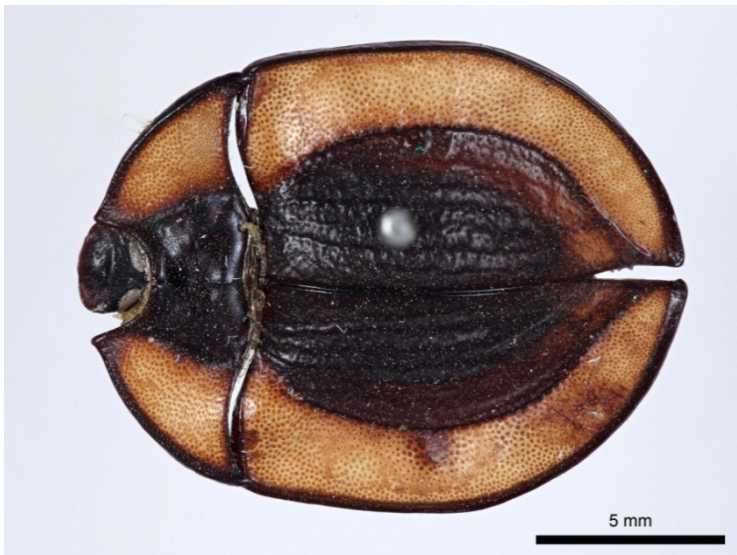
### **Atlas of Living Australia Digitisation Project**

The digitisation of the Museum's Holotype collection of insects continues following an additional grant of funds by the Atlas of Living Australia (ALA). By deploying quality imaging equipment for use by well trained and supervised volunteers, the project has generated several thousand high resolution images of type specimens along with targeted groups of high research interest. These images will be posted to the ALA website and will form an invaluable resource for researchers throughout the world.

Additional benefits include capturing the condition of the specimen at the time of photographing and refining the art of specimen photography, so that we can consider delivery of digital images as a potential alternative to specimen loans in some cases.



*Exoneura eremophila*  
Houston, 1976 photographed  
by volunteer Kim Wendell.



*Sympetes acutifrons* Lea,  
1896 photographed by  
volunteer and Waterhouse  
Club member Angela  
Bannon.

The Project Manager appointed to set up and manage the volunteer team has also contributed to the broader objectives of the ALA by providing advice, fact sheets and support activities to a number of the ALA partners across Australia.

### Yuendumu Digitisation project

Funding has also been secured to allow for the establishment of a new digitisation project that will focus on the Australian Aboriginal collections and most notably material from Yuendumu. A Project Officer has been appointed to oversee the imaging of key components of the collection as well as oversee the migration of existing data to the museums' dedicated collections management system KE EMu. Further digital outputs including online resources and hard copy publications will be developed as the project progresses.



Yuendumu doors, Paddy Japaljarri Stewart, 1987

### Collections Revaluation

In 2011 the Museum undertook a full revaluation of the collections as part of its mandatory reporting procedures. By employing methods established during the 1998 valuations exercise as well as a refinements adopted for the 2003 and 2006 reports, the value of the South Australian Museum's collections as at June 30<sup>th</sup> 2011 may be summarised as follows.

| Collection                  | Valuation Methodology | Total                   |
|-----------------------------|-----------------------|-------------------------|
| Heritage Collections        | Net Market Valuation  | \$86 125 853.78         |
| Natural History Collections | Cost of Recovery      | \$273 468 386.36        |
| <b>Total Valuation</b>      |                       | <b>\$359 594 853.14</b> |

There has been a significant increase in the overall valuation of the collection since 2006. This is largely due to the inclusion of hitherto zero rated collections such as Archaeology and important components of Archives as well as the increase in the agreed value for Holotypes based on a more realistic assessment of their value against cost of recovery and publication methodologies.



## **Collections Highlights**

- Collections donations and acquisitions through the Board, Foundation, Cultural Gifts Program, Australian Valuation Office etc. to the value of \$300 000.
- The addition of over 18 000 objects, specimens and lots through fieldwork, research and donations. Approximately 26 000 records were data based and over 6000 digital images created.
- 90 commercial and non-commercial loans were arranged in 2011-12, involving 2000 objects and specimens to 75 different institutions around the world. A further 926 tissue samples/grants were forwarded by our Evolutionary Biology Unit for analysis to research institutions throughout the world.

## **DEVELOPMENT**

### **SPONSORSHIP AND FUNDRAISING**

In 2011-12 the Museum successfully secured close to \$1million in funding through sponsorships and donations.

#### **Development Highlights:**

Achieving external funding support for the digitization of the Australian Aboriginal Material Culture Collection has been a major highlight for the Development Department of the Museum. Recognized as one of the world's most comprehensive collections of ethnographic objects, the collection consists of approximately 35 000 items from all regions of Australia and boasts an unparalleled depth both historically and geographically. The Museum is committed to making these items accessible to Aboriginal communities across Australia, and also has a charter to interpret the collection to a broader Australian and international audience in partnership with Australian Aboriginal communities. This will be a 3 year project.

The Waterhouse Club, a membership group of committed South Australian Museum supporters, made a donation of \$100 000 towards *Journey to the Abyss*. This major exhibition took visitors on a journey into the ocean's depth and contained over 90 deep-sea specimens from the Museum's own collections. It was on view at the Museum from 17 December 2011 - 12 March 2012 and welcomed over 25 000 visitors.

Generous support of the South Australian Museum's Information Centre also continued during the year with two new initiatives: *I'm a Scientist, Get Me Out of Here* and *Wildlife Encounters* commencing as a result of funding opportunities. Both of these projects use online technologies in order to communicate natural sciences more effectively to a broad audience. *I'm a Scientist, Get Me Out of Here* in 2011 engaged over 900 students in years 7-10 from 22 schools nationally.

Beach Energy, Santos, PepinNini Minerals, Flinders University, Heathgate Resources and the Department for Environment, Water and Natural Resources continued their generous support in 2011-12 of core community engagement programs including *Palaeontology Week*, *Out of the Glass Case* roadshows, the *Sprigg Lecture Series* and the *Waterhouse Natural History Art Prize*.

## MARKETING AND COMMUNICATIONS

### BRANDING

The Museum is in the process of refreshing its internal and external communication pieces, in order to promote a more contemporary and consistent identity.

### MARKETING

The Museum continues to explore cost-effective and creative marketing opportunities in order to reach new audiences and to raise awareness. In 2011-12 the Museum was commissioned by the Adelaide Airport Limited to create three marketing displays for its main terminal. With the significant volume of visitors through the airport the supporting displays for *Palaeontology Week* and the *Waterhouse Natural History Art Prize* helped to drive significant traffic to these events at the Museum.

Additional important marketing opportunities in 2011-12 included:

A three-metre-wide spider crab placed on display at the entrance to Adelaide Central Plaza, Rundle Mall, where it gained significant exposure for the Museum's summer blockbuster exhibition, *Journey to the Abyss*.

Further exposure to retail-going audiences was achieved during the Museum's Easter show *Sea to Shore*. A large dinosaur puppet was lead out from the Museum and into Rundle Mall by handlers. This bought significant exposure for the ticket-only show which enjoyed sell-out performances.

The Museum's marketing strategy has tapped into our stakeholder's marketing campaigns. A highly effective water activity in the fountains on North Terrace as part of the Adelaide City Council's *Splash Adelaide* initiative has raised the Museum's profile in the precinct.

New marketing methods were used to promote several exhibitions and events. Targeted poster campaigns in bus shelters raised audience awareness several weeks out from the *Sea to Shore* show and the relaunching of the Australian Aboriginal Cultures Gallery and permanent installation of the Yuendumu Doors.

Active participation in the Cultural Precinct Marketing Group has further strengthened the Museum's marketing strategies. The group identified mutually beneficial cross-promotional opportunities that improve the Museum's profile with new audiences and increase the reach of the precinct's messages.

## **PUBLICITY**

The South Australian Museum Foundation generously supported the engagement of a Publicist for the Museum over a sixth month period.

## **DIGITAL**

### **Website**

Site visitation increased by 85.83% online visitors in 2011-12. Of those, 59.87% were new visitors to the site. The highest periods of visitation relate to *ANZANG Nature Photography* (October 2011), *Palaeontology Week* (March 2012) and *Sea to Shore: A Prehistoric Journey* (April 2012). The quietest periods of activity on the website occurred in August 2011 and December 2011.

### **Social Media**

The South Australian Museum engaged Bridge8 to assist with the development and implementation of a social media strategy. The result of this engagement gave a clearer idea and understanding of which tools should be used, and how to increase public engagement and allow for appropriate measurement.

Facebook - Facebook Museum fan numbers have doubled in the past financial year, with a steady increase. The fastest growth period was March and April 2012, again coinciding with *Palaeontology Week* and *Sea to Shore*, both strong Community Engagement programs.

Twitter - The South Australian Museum's Twitter account was started in March 2009, but only became active this financial year. Since then, the Museum's account has attracted over 1300 followers, averaging four new followers per day. Some of the more influential followers include @JuliaGillard @Number10gov (official twitter for UK Prime Minister), @NonprofitOrgs, and @NaturalHistoryMuseum. The South Australian Museum sends out an average of three tweets per day.

Vimeo - The South Australian Museum produced three short videos this year distributed through its social media channels:

*Behind the Scenes: The Australian Aboriginal Cultures Gallery* told the story of the installation of the culturally significant Yuendumu Doors to the Gallery and the importance of the pieces themselves. It was viewed 575 times.

*Happy Holidays* was the first time the Museum created an end-of-year e-card. It was a fun and lively way to draw attention to the people and objects of the Museum, and was considered one of the best from a cultural institution in Australia. It was viewed 1446 times.

*Journey to the Abyss* was made to highlight our 2011-12 summer exhibition, created from our own collections. It was viewed 3019 times.

Other Social Media Channels - The South Australian Museum also has social media accounts on Foursquare, YouTube, Storify and Instagram, as well as monitoring its accounts on Trip Advisor, LinkedIn, Time Out Adelaide, Total Travel and Urbanspoon.

## **SUPPORT ORGANISATIONS**

Our donors and supporters are fundamental to our success. Their encouragement, assistance and generous contributions ensure we deliver a world-class museum service. Significant private and corporate fundraising, together with income from commercial activities, through the South Australian Museum Foundation, supports the work of the South Australian Museum, allowing the museum to deliver frontline services for our visitors, exhibitions, programs and research.

### **South Australian Museum Foundation Incorporated**

The Museum again enjoyed the strong relationship it has with the South Australian Museum Foundation Incorporated. During the year all sections of the Museum benefited from the prosperity of the Foundation's philanthropic and sponsor supported giving. Through the direct support of the Foundation, the Museum has expanded the collections, improved research facilities and upgraded multiple exhibition spaces.

The Foundation has also continued to successfully manage the commercial activities of the Balaena Café and the Museum Shop. The management of these key resources by the Foundation provide an enriched service to the Museum's visitors and a valued commercial source of income for the Museum. Proceeds from both entities are returned to the Museum to support its endeavours to improve services.

### **Friends of the South Australian Museum Incorporated**

The Friends of the South Australian Museum provide an interesting and diverse yearly program with a core focus being museum-related subjects. The Friends also raised funds towards an acquisition of significant Aboriginal artefacts that were added to the museum's collections during the year.

The Museum is very appreciative of the passion and commitment of the Council and members of the Friends of the South Australian Museum.

### **The Waterhouse Club**

The Museum was well supported by The Waterhouse Club during the period through the generosity, passion and enthusiasm of its Committee and Members. During the year the Waterhouse Club contributed significantly to the development of the temporary exhibition *Journey to the Abyss*.

The Museum's science and research division has again been aided by the Club through continuation of the ever popular programed series of expeditions and field trips with Museum staff. The Museum is grateful for the enthusiasm of members of the Waterhouse Club and the commitment of time and money provided as part of the field work and expeditions program.

## **ABORIGINAL RECONCILIATION**

The museum continues its active participation in the Return of Indigenous Cultural Property (RICP) program jointly funded by the Federal Government, Arts SA and the museum. The museum has maintained consultations with Aboriginal communities and senior custodians within both South Australia and interstate.

Through the RICP program, the museum returned the remains of three individuals to Mornington Island, Queensland, and 30 secret sacred objects to the Strehlow Centre, Alice Springs.

In addition to this program the museum's Family History and Public Programs sections continued to engage with communities throughout the year in order to provide archive and family history services to individuals and communities and to engage with aboriginal communities through programming.

## **VOLUNTEER SUPPORT**

The unique appeal of our museum and the inspiration of our collections generate commitment from a wide community of supporters. Over 200 individuals (volunteers and Honorary Research Associates) give their time regularly, to support a wide range of activities from helping conserve objects, to undertaking research on our collections, to giving informative guided tours.

Our volunteers who work in research and collections areas now total 153. This group provides invaluable support by assisting with the acquisition, curation and care of our collections and undertake strategic research on the museum's collections.

Our group of Education volunteers has grown to 6. These volunteers continue to support school programs by guiding school groups and assisting with resource development. Their assistance has been invaluable in meeting the growing demand for face-to face teaching in the Museum galleries.

Our volunteer guides remain committed to professional development and participate in a comprehensive learning program that focuses on the museum's collections as well as skills in guiding and interpretation. The volunteers have maintained the publication of a quarterly Volunteer Guide newsletter highlighting stories, facts, quizzes and information relevant to the team. They have also continued with a Resource Committee that creates referenced fact sheets, synthesising the enormous wealth of information held by the volunteer team.

## **WORK EXPERIENCE**

The museum continued to support senior school students seeking unique and insightful work experience placement as part of the South Australian Certificate of Education. With diverse areas of operation, the museum was able to provide year 11 and 12 students varying options of work experience programs in the areas of administration, collections, research and public programs.

## **GREENING OF GOVERNMENT OPERATIONS REPORTING**

The museum maintains its ongoing commitment to improving energy efficiency. The full recycling and biodegradable refuse removal system throughout all work spaces at the museum continues as a successful program. Specific electrical circuitry is connected to timer devices to reduce energy consumption. Audio visual equipment in public galleries operates on programmed timers in order to energise as close to operating times of the Museum to reduce energy consumption.

## **ENERGY EFFICIENCY ACTION PLAN REPORTING**

The South Australian Museum's Energy Efficiency Action Plan Reporting is captured in the Department of Premier and Cabinet reporting.

### **3. PUBLICATIONS, TEACHING AND DISSEMINATION OF RESEARCH AND COLLECTIONS**

Our sites and collections are vital cultural assets and our strong research profile helps bolster the State's and the nation's reputation through our active program of international research and by promoting Australian culture abroad through our collections.

During the reporting period, museum staff contributed 2 379 hours towards tertiary teaching at various academic institutions and universities. During the course of the year, museum staff participated in the direct supervision 47 PhD students, one MSc student and 11 Honours students. Museum staff also delivered eight professional workshops based on museum collections and research.

Published works continued to be a strength of the museum's research with a total of 193 scholarly publications and 26 other publications being finalised during the period. Museum staff were also active in maintaining academic engagement through the delivery of academic and public lectures, workshops, and conference presentations (a total of 139).

In addition, 78 publications based on external research related to museum collections were recorded.

#### **1. BOOKS AND MONOGRAPHS:**

**Craig, B. (ed)** (2011). *Living Spirits with Fixed Abodes. The Masterpieces Exhibition of the Papua New Guinea National Museum and Art Gallery*. Adelaide, Australia: Crawford House Publishing.

**Jones, P. G.** (2011). *Images of the Interior. Seven Central Australian Photographers*. Adelaide, Australia: Wakefield Press.

**McArthur, A.** (2012). *A Guide to Colobopsis Ants of the World*. Adelaide, Australia: Axiom Books.

Roetman, P. E. J and **Daniels, C. B.** (eds) (2011). *Creating Sustainable Communities in a Changing World*. Adelaide, Australia: Crawford House Publishing.

**Tyler, M. J.** and Knight, F. (2011). *Field Guide to the Frogs of Australia*. Revised Edition. Collingwood, Australia: CSIRO Publishing.

**Tyler, M. J.,** Wilson, S. G., and Emmott, A. (2011). *Frogs of the Lake Eyre Basin*. Longreach, Australia: Desert Channels Queensland.

**Tyler, M. J.** and Walker, S. J. (2011). *Frogs of South Australia*. Adelaide, Australia: Michael Tyler and Associates.

## 2. Chapters in Books

---

**Akerman, K.** (2011). 'Introduction' in Petri, H. *The Dying World in Northwest Australia*. Western Australia, Australia: Hesperian Press.

**Akerman, K.** (2011). 'D.S. Davidson - an appreciation' in Davidson, D.S., *Aboriginal Ethnographica: A selection of the papers*. Western Australia, Australia: Hesperian Press.

**Akerman, K.** (2011). 'Some aspects of the material culture of the Aborigines of the Canning Stock Route region, Western Australia' in La Fontaine, M. and Carty, J. (eds) *Ngurra Kuju Walja - Canning Stock Route Country*, pp. 354–363. Macmillan.

**Cooper, B. J.** (2011). 'Geologists and the Burra Copper Boom, South Australia, 1845–1851' in Ortiz, J. E., Puche, O., Rábano, I. and Mazadiego, L.F. (eds) *History of Research in Mineral Resources*, pp. 193–200. Instituto Geológico y Minero de España, Madrid: Cuadernos del Museo Geominero, 13.

**Daniels, C. B.** and Roetman, P. E. J. (2011). 'Introduction' in Roetman, P. E. J. and Daniels, C. B. (eds) *Creating Sustainable Communities in a Changing World*, p. 3. Adelaide, Australia: Crawford House Publishing.

**Daniels, C. B.** and Roetman, P. E. J. (2011). 'Conclusion' in Roetman, P. E. J. and Daniels, C. B. (eds) *Creating Sustainable Communities in a Changing World*, p. 261. Adelaide, Australia: Crawford House Publishing.

**Jenkins, R. J. F.** (2011). 'Billy Springs glaciation, South Australia' in Arnaud, E., Halverson, G. P. and Shields-Zhou, G. (eds) *The Geological Record of Neoproterozoic Glaciations*. Geological Society Memoirs **36**:693–699. London, U.K.

**Jones, P. G.** (2011). 'Colonial *Wissenschaft*: German naturalists and museums in colonial South Australia' in Monteath, P. (ed.) *Germans. Travellers, Settlers and their Descendants in South Australia*, pp.204–236. Adelaide, Australia: Wakefield Press.

**Jones, P. G.** (2011). 'Inside Mountford's tent: paint, politics and paperwork' in Thomas, M. and Neale, M. (eds.). *Exploring the Legacy of the 1948 Arnhem Land Expedition*, pp.33–54. Canberra, Australia: ANU Press.

**Jones, P. G.** (2011). 'The art of contact: encountering an Aboriginal aesthetic from the eighteenth to the twentieth centuries' in Anderson, J. (ed.) *The Cambridge Companion to Australian Art*, pp.55–70. Port Melbourne, Australia: Cambridge University Press.

**Jones, P. G.** (2011). 'A Scene in South Australia' by Alexander Schramm and 'Winter encampments' by Eugene von Guérard'' in Bunbury, A. (ed.) *This Wondrous Land. Colonial Art on Paper*, pp.98–99. Melbourne, Australia: National Gallery of Victoria.

Karanovic, T., and **Cooper, S. J. B.** (2011). 'Third genus of parastenocarid copepods from Australia supported by molecular evidence (Harpacticoida: Parastenocarididae)' in Defaye D., von Vaupel Klein J. C. and Wyngaard G. (eds) *Studies on Freshwater Copepoda: a Volume in Honour of Bernard Dussart, Crustaceana Monographs* **16**: 283–326. Leiden: Brill.



---

Roetman, P.E.J and **Daniels, C. B.** (2011). 'The benefits of citizen science in research, education and community engagement' in Roetman, P. E. J. and Daniels, C. B. (eds) *Creating Sustainable Communities in a Changing World*, pp. 249–260. Adelaide, Australia: Crawford House Publishing.

**Smales L. R.** (2012). 'Helminth parasites of hydromyine rodents from the island of New Guinea' in Triunver, A. and Scalise, D. (eds) *Rodents: Habitat Pathology and Environmental Impact*, pp 94—118. Nova Science Publishers Inc.

**Sutton, P.** (2011). 'Linguistic Identities in the Eastern Western Desert: The Tindale evidence' in Baker, B., Mushin, I., Harvey, M., and Gardner, R. (eds) *Indigenous Language and Social Identity: Papers in Honour of Michael Walsh*, pp. 43–66. Canberra, Australia: Pacific Linguistics.

**Sutton, P.** (2011). *The Politics of Suffering: Indigenous Australia and the End of the Liberal Consensus* (2<sup>nd</sup> edition). Melbourne, Australia: Melbourne University Press.

**Sutton, P.** (2011). 'Response to Noel Pearson's essay Radical hope' in Pearson, N. *Radical Hope: Education and Equality in Australia*, pp.173–178. Melbourne, Australia: Black Inc. [Reprint of Sutton 2009 *Quarterly Essay* correspondence].

**Sutton, P.** (2011). 'Aboriginal art is traditional – 1992' in McLean, I. (ed.) *How Aborigines Invented the Idea of Contemporary Art*, pp103–104. Brisbane, Australia: Institute of Modern Art.

**Sutton, P.** and Anderson, C. (2011). 'Language and representation – 1988' in McLean, I. (ed.) *How Aborigines Invented the Idea of Contemporary Art*, pp. 207–208. Brisbane, Australia: Institute of Modern Art.

**Sutton, P.** (2011). 'The conundrums of agency – 1992' in McLean, I (ed.) *How Aborigines Invented the Idea of Contemporary Art*, pp. 299–301. Brisbane, Australia: Institute of Modern Art.

**Sutton, P.** (2012). 'The politics of suffering: Aboriginal health in contemporary Australia' in Malpas, J. and Lickiss, N. (eds) *Perspectives on Human Suffering*, pp. 181–203. New York, USA: Springer Publishing Company.

Taylor, S. G., Roetman, P. E. J. and **Daniels, C. B.** (2011). 'Urban biodiversity' in Roetman, P. E. J. and Daniels, C. B. (eds) *Creating Sustainable Communities in a Changing World*, pp. 179–187. Adelaide, Australia: Crawford House Publishing.

**Whittington, I. D.** (2012). '*Benedenia seriola* and *Neobenedenia* species' in Woo, P. T. K. and Buchmann, K. (eds.) *Fish Parasites: Pathobiology and Protection*, pp. 225–244. Wallingford, U.K.: CABI.

### 3. Scholarly Journal Papers

---

Abrams, K. M., Guzik, M. T., **Cooper, S. J.**, Humphreys, W. F., **King, R. A.**, Cho, J-L., and **Austin, A.D.** (2012). What lies beneath: Molecular phylogenetics and ancestral state reconstruction of the ancient subterranean Australian Parabathynellidae (Syncarida, Crustacea). *Molecular Phylogenetics and Evolution* **64**: 130–144.

**Adams, M.**, Wedderburn, S. D., Unmack, P. J., Hammer, M. P., and Johnson, J. B. (2011). Congeneric assessment demonstrates the linked genetic histories of two threatened fishes (Atherinidae: *Craterocephalus*) in Australia's Murray-Darling Basin. *Conservation Biology* **25**: 767–776.

**Akerman, K.** and Rozefelds, A. (2012). Message in a bottle - Tale of two Triassic Temnospondyl (Labyrinthodont) femora from Tasmania. *Papers and Proceedings of the Royal Society of Tasmania*. **145**: 5–7.

Aguado, M. T. and **Rouse, G. W.** (2011). Nautiliniellidae (Annelida) from Costa Rican cold seeps and a western Pacific hydrothermal vent, with description of four new species. *Systematics and Biodiversity* **9**: 109–131.

Aplin, K. P., Suzuki, H., Chinen, A. A., Chesser, T., Ten Have, J., **Donnellan, S. C.**, Austin, J., Frost, A., Gonzalez, J. P., Herbreteau, V., Catzefflis, F., Soubrier, J., Fang, Y.-P., Robins, J., Matisoo-Smith, L., Bastos, A., Maryanto, I., Sinaga, M. H., Denys, C., Van Den Bussche, R., Conroy, C., Rowe, K. C., and Cooper, A. (2011). Multiple geographic origins of commensalism and complex dispersal history of Black Rats. *PLoS ONE* **6**: e26357.

Badets, M., **Whittington, I. D.**, Lalubin, F., Allienne, J.-F., Maspimby, J.-L., Bentz, S., Du Preez, L. H., Barton, D., Hasegawa, H., Tandon, V., Imkongwapang, R., Ohler, A., Combes, C., and Verneau, O. (2011). Correlating early evolution of parasitic platyhelminths to Gondwana breakup. *Systematic Biology* **60**: 762–781.

Bailey, J. V., Salman, V., **Rouse, G. W.**, Schulz-Vogt, H. N., Levin, L. A., and Orphan, V. J. (2011). Dimorphism in methane seep-dwelling ecotypes of the largest known bacteria. *The ISME Journal* **5**: 1926–1935.

**Beveridge, I.** and Campbell, R. A. (2012). *Bathygrillotia* n.g. (Cestoda: Trypanorhyncha), with redescription of *B. rowei* (Campbell, 1977) n. comb. and *B. kovalevae* (Palm, 1995) n. comb. *Systematic Parasitology* **82**: 249–259.

Bilgmann, K., Moller, L. M., Harcourt, R. G., **Kemper, C. M.**, and Beheregaray, L. B. (2011). The use of carcasses for the analysis of cetacean population genetic structure: a comparative study in two dolphin species. *PLoS ONE* **6** (5): 1–10.

Birch, W. D., Grey, I. E., Mills, S. J., **Pring, A.**, Bougerol, C. Ribaldi-Tunncliffe, Wilson, N.C. and Keck, E. (2011). Nordgauite,  $\text{MnAl}_2(\text{PO}_4)_2(\text{F},\text{OH})_2 \cdot 5\text{H}_2\text{O}$ , a new mineral from the Hagendorf Süd pegmatite, Bavaria, Germany: Description and crystal structure. *Mineralogical Magazine* **75**: 269–278.

**Black, A. B.** (2011). Subspecies of the Thick-billed Grasswren *Amytornis modestus* (Aves-Maluridae). *Transactions of the Royal Society of South Australia* **135**: 26–38.

- 
- Black, A. B.** (2011). Western Australia, home of the Grass-Wren (*Amytornis textilis*). *Western Australian Journal of Ornithology* **3**: 1–12.
- Black, A. B.** (2011). What became of the first Thick-billed Grasswren specimens from Central Australia? *Australian Field Ornithology* **28**: 84–87.
- Black, A. B.** (2012). Distribution of the Thick-billed Grasswren in the Northern Territory. *Australian Field Ornithology* **29**: 15–22.
- Black, A. B., Joseph, L., Pedler, L. P., and Carpenter, G. A.** (2010). A taxonomic framework for interpreting evolution within the *Amytornis textilis-modestus* complex of grasswrens. *Emu* **110**: 358–363.
- Black, A., Carpenter, G., and Pedler, L.** (2011). Distribution and habitats of the Thick-billed Grasswren *Amytornis modestus* and comparison with the Western Grasswren *Amytornis textilis myall* in South Australia. *South Australian Ornithologist* **37**: 60–80.
- Black, A., Carpenter, G., Pedler, R., Pedler, L., and Langdon, P.** (2012). Habitats of the Grey Grasswren *Amytornis barbatus diamantina* and a review of the species' distribution. *Corella* **36**: 29–37.
- Borda, E., Kudenov, J. D., Beinhold, C., and **Rouse, G. W.** (2012). Towards a revised Amphinomidae (Annelida, Amphinomida): description and affinities of a new genus and species from the Nile Deep-sea Fan, Mediterranean Sea. *Zoologica Scripta* **41**: 307–325.
- Borland, D., Coulson, G., and **Beveridge, I.** (2012). Oral necrobacillosis ("lumpy jaw") in a free ranging population of eastern grey kangaroos (*Macropus giganteus*) in Victoria. *Australian Mammalogy* **34**: 29–35.
- Bower, D. S., **Hutchinson, M. N.**, and Georges, A. (2012). Movement and habitat use of Australia's largest snake-necked turtle: implications for water management. *Journal of Zoology* **287**: 76–80.
- Bradshaw, C.J.A., **Cooper, A.**, Turney, C.S.M., Brook, B.W. (2012). Robust estimates of extinction time in the geological record. *Quat Sci Reviews*, **33**:14-19.
- Bray, S.C.E., Austin, J.J., Østbye, K., Østbye, E., Lauritzen, S-E., Aaris-Sørensen, K., Valdiosera, C., Adler, C.J., Metcalf, J.L., **Cooper, A.** (2012). Ancient DNA identifies post-glacial recolonisation, not recent bottlenecks, as the primary driver of contemporary mtDNA phylogeography and diversity in Scandinavian brown bears. *Diversity and distributions*. Online 9 June. DOI: 10.1111/j.1472-4642.2012.00923.
- Brennan, K. E. C., Morley, T., **Hutchinson, M.**, and Donnellan, S. (2012). Redescription of the western desert taipan *Oxyuranus temporalis* (Serpentes: Elapidae) with notes on its distribution, diet and genetic variation. *Australian Journal of Zoology* **59**: 227–235.
- Brugger, J.**, Meisser, N., Etschmann, B., Ansermet, S., and **Pring, A.** (2011). Paulscherrite from the Number 2 Workings, Mount Painter Inlier, Northern Flinders Ranges, South Australia: "Dehydrated schoepite" is a mineral after all. *American Mineralogist* **96**: 229–240.

- 
- Bryant L. M., **Donnellan S. C.**, Hurwood, D. A., and Fuller, S. J. (2011). A molecular systematic analysis of the mosaic-tailed rat genus *Melomys* (Rodentia: Muridae) in Australia and New Guinea: Evidence from the combined analyses of mitochondrial and nuclear genes. *Zoologica Scripta* **40**, 433–447.
- Carvalho, D. C., **Hammer, M. P.**, and Beheregaray, L. B. (2012). Isolation and PCR-multiplex genotyping of 18 novel microsatellite markers for the threatened southern pygmy perch (*Nannoperca australis*). *Conservation Genetics Resources* **4**: 15–17.
- Carvalho, D. C., Rodriguez-Zarate, C. J., **Hammer, M. P.**, and Beheregaray, L. B. (2011). Development of 21 microsatellite markers for the threatened Yarra pygmy perch (*Nannoperca obscura*) through 454 shot-gun pyrosequencing. *Conservation Genetics Resources* **3**: 601–604.
- Carvalho, D. C., Sasaki, M., **Hammer, M. P.**, and Beheregaray, L. B. (2012). Development of 18 microsatellite markers for the southern purple-spotted gudgeon (*Mogurnda adspersa*) from the lower Murray-Darling Basin through 454 pyrosequencing. *Conservation Genetics Resources* **4**: 339–341.
- Chilton, N. B., Huby-Chilton, F., **Beveridge, I.**, **Smales, L. R.**, Gasser, R. B. and Andrews, R. H. (2011). Phylogenetic relationships of species within the tribe Labiostrongylinea (Nematoda: Cloacinidae) from Australian marsupials based on ribosomal DNA spacer sequence data. *Parasitology International* **60**: 381–387.
- Chisholm, L. A.** and **Whittington, I. D.** (2012). Three new species of *Merizocotyle* Cerfontaine, 1894 (Monogenea: Monocotylidae) from the nasal tissues of dasyatid rays collected off Malaysian and Indonesian Borneo. *Systematic Parasitology* **82**: 167–176.
- Ciobanu, C. L., Cook, N. J., Utsunomiya, S., **Pring, A.**, and Green, L. (2011). Focused ion beam –transmission electron microscopy application in ore mineralogy: bridging micron and nanoscale observations. *Ore Geology Reviews* **32**: 6–31.
- Clites, E. C., Droser, M. L., and **Gehling, J. G.** (2012). The advent of hard-part structural support among the Ediacara biota: Ediacaran harbinger of a Cambrian mode of body construction. *Geology* **40**: 307–310.
- Cook, B. D., **Adams, M.**, Mather, P. B., and Hughes, J. M. (2012). Statistical phylogeographic tests of competing ‘Lake Carpentaria hypotheses’ in the mouth-brooding freshwater fish, *Glossamia aprion* (Apogonidae). *Marine and Freshwater Research* **63**:450–456.
- Costelloe, J. F., Reid, J. R. W., Pritchard, J. C., Puckridge, J. T., Bailey, V. E. and **Hudson, P. J.** (2010). Are alien fish disadvantaged by extremely variable flow regimes in arid-zone rivers? *Marine and Freshwater Research* **61**: 857–863.
- Craig, B.** (2011). Scenes hidden from other eyes: Theodore Bevan’s collection from the Gulf of Papua in the South Australian Museum. *The Artefact* **33**: 30–48.
- Craig, B.** (2012). Carved and painted works of the Torricellis, West Sepik Province, Papua New Guinea. *Pacific Arts NS* **12**:1: 5–19.

---

Dennis, T. E., McIntosh, R. R., and **Shaughnessy, P. D.** (2011). Effects of human disturbance on productivity of White-bellied Sea-Eagles (*Haliaeetus leucogaster*). *Emu* **111**: 179–185.

Dennis, S. D., **Lavigne, R. J.**, and Dennis, J. G. (2012). Spiders (Araneae) as prey of robber flies (Diptera: Asilidae). *Journal of the Entomological Research Society* **14**(1): 65–76.

Deveney, M. R. and **Whittington, I. D.** (2011). Revision of *Dioncopsseudobenedenia* Yamaguti, 1965 including the description of *D. ancoralis* sp. n. (Monogenea: Capsalidae) from Pacific acanthuroid teleosts. *Folia Parasitologica* **58**: 257–272.

Ding, L., Yang, G., Xia, F., Lenehan, C. E., Qian, G., McFadden, A., **Brugger, J.**, Zhang, X., Chen, G., and **Pring, A.** (2011). A LA-ICP-MS sulphide calibration standard based on a chalcogenide glass. *Mineralogical Magazine* **75**: 279–287.

Doughty P., Kealley, L., and **Donnellan, S.C.** (2011). Revision of the Pygmy Spiny-tailed Skinks (*Egernia depressa* species-group) from Western Australia, with descriptions of three new species. *Records of the Western Australian Museum* **26**: 115–137.

Droser, M. L. and **Gehling, J. G.** (2012). Old and groovy. Perspectives. *Palaeontology Science* (29 June), **336** (6089): 1646–1647.

Dudaniec, R. Y., Schlotfeldt, B. E., **Bertozzi, T.**, **Donnellan, S. C.**, and Kleindorfer, S. (2011). Genetic and morphological divergence in island and mainland birds: Informing conservation priorities. *Biological Conservation* **144**: 2902–2912.

Eldridge, M. D. B., Potter, S., and **Cooper, S. J. B.** (2011). Biogeographic barriers in north-western Australia: an overview and standardisation of nomenclature. Perspective paper. *Australian Journal of Zoology* **59**: 270–272.

Edgecombe, G. D., Sørensen, M. V., Dunn, C. W., Hejnol, A., Kristensen, R. M., **Rouse, G. W.**, Worsaae, K., and Giribet, G. (2011). Higher-level metazoan relationships: recent progress and remaining questions. *Organisms Diversity and Evolution* **11**: 151–172.

Elliott, P. and **Pring, A.** (2011). The crystal structure of gatehouseite. *Mineralogical Magazine* **75**: 2811–2820.

Faast, R., Facelli, J. M., and **Austin, A. D.** (2011). Seed viability in declining populations of *Caladenia rigida* (Orchidaceae): are small populations doomed? *Plant Biology* **13**: 86–95.

Fenner, A. L., **Smales, L. R.**, and Bull, C. M. (2011). *Pharyngodon asteroma* Adamson, 1984 (Nematoda: Pharyngodonidae), new parasite record for the endangered Slater's skink, *Liopholis slateri* Storr, 1968 (Sauria: Scincidae), Northern Territory, Australia. *Transactions of the Royal Society of South Australia* **135**: 140–142.

**Foster, R.**, Bridge, T. C. L., and Bongaerts, P. (2012). The first record of *Hippocampus denise* (Syngnathidae) from Australia. *Aqua International Journal of Ichthyology* **18**(1): 55–57.

- 
- Fyfe, A.** and Bolton, J. (2011). An analysis of arrow and string bag craft variability in the Upper Sepik and Central New Guinea. *Oceania* **81**: 259–279.
- Gabriel, S. F., **Stevens, M. I.**, da Luz Mathias, M., and Searle, J. B. (2011). Of Mice and ‘Convicts’: Origin of the Australian House Mouse, *Mus musculus*. *PLoS ONE*, **6** (12): e28622.
- Galligan, T. H., **Donnellan, S. C.**, Sulloway, F. J., Fitch, A. J., **Bertozi, T.**, and Kleindorfer, S. (2012). Panmixia supports divergence with gene flow in Darwin’s small ground finch, *Geospiza fuliginosa*, on Santa Cruz, Galápagos Islands. *Molecular Ecology* **21**: 2106–2115.
- Gardner, M. G., Fitch, A. J., **Bertozi, T.**, and Lowe, A. J. (2011). Rise of the machines – recommendations for ecologists when using next generation sequencing for microsatellite development. *Molecular Ecology Resources* **11**: 1093–1101.
- Gehling, J. G.** and Droser, M. L. (2012). Ediacaran stratigraphy and the biota of the Adelaide Geosyncline, South Australia. *Episodes* **35**: 236–246.
- Gershwin, L., Zeidler, W.**, and Davie, P. J. F. (2010). Ctenophora of Australia. In: Davie, P. J. F. and Phillips, J. A. (eds.) Proceedings of the Thirteenth Marine Biological Workshop, the Marine Fauna and Flora of Moreton Bay, Queensland. *Memoirs of the Queensland Museum* **54**(3): 1–45.
- Gershwin, L., Zeidler, W.**, and Davie, P. J. F. (2010). Medusae (Cnidaria) of Moreton Bay, Queensland, Australia. In: Davie, P. J. F. and Phillips, J. A. (eds.) Proceedings of the Thirteenth Marine Biological Workshop, the Marine Fauna and Flora of Moreton Bay, Queensland. *Memoirs of the Queensland Museum* **54**(3): 47–108.
- Gillespie, R., Camens, A.B., Worthy, T.H., Rawlence, N.J., Reid, C., Bertuch, F., Levchenko, V., **Cooper, A.** (2012). Man and megafauna in Tasmania: closing the gap. *Quat Sci Reviews* **37**:38-47.
- Greenslade, P.**, Kitching, R. L. (2011). Potential effects of climatic warming on the distribution of Collembola along an altitudinal transect in Lamington National Park, Queensland, Australia. *Memoirs of the Queensland Museum* **55**(2): 333–347.
- Greenslade, P.** (2011). Synonymies of anomalous species of *Arrhopalites* from Australia and New Zealand. *Zootaxa* **2996**: 66–68.
- Greenslade, P.**, Vernon, P., and Smith, D. (2012). Ecology of Heard Island Diptera. *Polar Biology* **35**(6): 841–850.
- Greenslade, P.**, Convey, P. (2012). Exotic Collembola on subantarctic islands: Pathways, origins and biology. *Biological Invasions* **14**(2): 405–417.
- Gibbs, S. E., Harcourt, R. G., and **Kemper, C. M.** (2011). Niche differentiation of bottlenose dolphin species in South Australia revealed by stable isotopes and stomach contents. *Wildlife Research* **38**: 261–270.

---

Glavinic, A., Benkendorff, K., and **Rouse, G. W.** (2012). Oogenesis and ultrastructure of the ovary in *Neotrigonia margaritacea* (Lamarck, 1804) (Bivalvia, Mollusca). *Invertebrate Reproduction and Development* **56**:111–123.

Grice, J. D., and **Pring, A.** (2012). Veatchite: structural relationships of the three polytypes. *American Mineralogist*, **97**: 489–495.

Guzik, M. T., **Austin, A. D., Cooper, S. J. B.,** Harvey, M. S., Humphreys, W. F., Bradford, T., Eberhard, S. M., **King, R. A., Leijes, R.,** Muirhead, K. A., and Tomlinson, M. (2011). Is the Australian subterranean invertebrate fauna uniquely diverse? *Invertebrate Systematics* **24**: 407–418.

Guzik, M. T., **Cooper, S. J. B.,** Humphreys, W. F., Ong, S., Kawakami, T., and **Austin, A. D.** (2011). Evidence for population fragmentation within a subterranean aquatic habitat in the Western Australian desert. *Heredity* **107**: 215–230.

Hagen, I., **Donnellan, S. C.,** and Bull, C. M. (2012). Phylogeography of the prehensile-tailed skink *Corucia zebrata* on the Solomon Archipelago. *Ecology and Evolution* **2**: 1220–1234.

Hall, P. A., McKirdy, D. M., Halverson, G. P., Jago, J. B., and **Gehling, J. G.** (2011). Biomarker and isotopic signatures of an early Cambrian Lagerstätte in the Stansbury Basin, South Australia. *Organic Geochemistry* **42**: 1324–1330.

Hamer, D. J., Ward, T. M., **Shaughnessy, P. D.,** and Clark, S. R. (2011). Assessing the effectiveness of the Great Australian Bight Marine Park in protecting the endangered Australian sea lion *Neophoca cinerea* from by-catch mortality in shark gill-nets. *Endangered Species Research* **14**: 203–216.

Hardman, L. M., Haukisalmi, V., and **Beveridge I.** (2012). Phylogenetic relationships of the anoplocephaline cestodes of Australasian marsupials and resurrection of the genus *Wallabicestus* Schmidt, 1975. *Systematic Parasitology* **82**: 49–63.

Holz, P. H., Orbell, G. M. B., and **Beveridge, I.** (2011). Sarcoptic mange in a wild swamp wallaby (*Wallabia bicolor*). *Australian Veterinary Journal* **89**: 458–459.

Hugi, J., **Hutchinson, M. N.,** Koyabu, M., and Sanchez-Villagra, M. R. (2012). Heterochronic shifts in the ossification sequences of surface and subsurface dwelling skinks are correlated with the degree of limb reduction. *Zoology* **115**: 188–98.

**Hutchinson, M. N.,** Skinner, A., and **Lee, M. S. Y.** (2012). *Tikiguania* and the antiquity of squamate reptiles (lizards and snakes). *Biology Letters* doi/10.1098/rsbl.2011.1216.

Huusgaard R. S., Vismann B., Kühl M., Macnaughton M., Colmander V., **Rouse G. W.,** Glover A. G., Dahlgren T., and Worsaae, K. (2012). The potent respiratory system of *Osedax mucofloris* (Siboglinidae, Annelida) - a prerequisite for the origin of bone-eating *Osedax*? *PLoS ONE* **7**(4): e35975.

Izzo, C., Hamer, D. J., **Bertoizzi, T., Donnellan, S. C.,** and Gillanders, B. M. (2011). Telomere length and age in pinnipeds: The endangered Australian sea lion as a case study. *Marine Mammal Science* **27**: 841–851.

- 
- Jabbar, A., Khoon, A. T. W., Hui, T. X., Schaeffner, B. C., Jex, A. R., Nolan, M. J., Lopata, A., Gasser, R. B., and **Beveridge, I.** (2012). Mutation scanning-based analysis of anisakid larvae from *Sillago flindersi* from Bass Strait, Australia. *Electrophoresis* **33**: 499–505.
- Jago, J. B., **Gehling, J. G.**, Paterson, J. R., and Brock, G. A. (2012). Comments on Retallack, G.J. 2011: Problematic megafossils in Cambrian palaeosols of South Australia. *Palaeontology* **55**: 913–917.
- Jennings, J. T. and **Austin, A. D.** (2011). Novel use of a micro-computed tomography scanner to trace larvae of wood boring insects. *Australian Journal of Entomology* **48**: 29–35.
- Johnson, C. R., Banks, S. C., Barrett, N. S., Cazassus, F., Dunstan, P. K., Edgar, G. J., Frusher, S. D., Gardner, C., Haddon, M., Heliodonotis, F., Hill, K. L., Holbrook, N. J., Hosie, G. W., Last, P. R., Ling, S. D., Thomas, J. M., Miller, K., Peel, G. M., Richardson, A. J., Ridgway, K. R., Rintoul, S. R., Ritz, D. A., Ross, D. J., Sanderson, J. C., **Shepherd, S. A.**, Slotwinski, A., Swatling, K. M., and Taw, N. (2011). Climate change cascades: shifts in oceanography, species' ranges and subtidal marine community dynamics in eastern Tasmania. *Journal of Experimental Marine Biology and Ecology* **400**: 17–32.
- Johnston G. R.** (2011). Growth and survivorship as proximate causes of sexual size dimorphism in peninsula dragon lizards *Ctenophorus fionni*. *Austral Ecology* **36**: 117–125.
- Karanovic, T. and **Cooper, S. J. B.** (2011). Molecular and morphological evidence for short range endemism in the *Kinneccaris solitaria* complex (Copepoda, Parastenocarididae), with descriptions of seven new species. *Zootaxa* **3026**: 1–64.
- Kearn, G. C., **Whittington, I. D.**, and Evans-Gowing, R. (2011). Spermatophores in *Dermopristis cairae* Whittington et Kearn, (Monogenea, Microbothriidae). *Acta Parasitologica* **56**: 371–376.
- Kemper, C. M., Cooper, S. J. B., Medlin, G. C., Adams, M., Stemmer, D., Saint, K. M., McDowell, M. C., and Austin, J. J.** (2011). Cryptic grey-bellied dunnart (*Sminthopsis griseoventer*) discovered in South Australia: genetic, morphological and subfossil analyses show the value of collecting voucher material. *Australian Journal of Zoology* **59**: 127–144.
- Kemper, C., Medlin, G., and Bachmann, M.** (2010). The discovery and history of the heath mouse *Pseudomys shortridgei* (Thomas, 1907) in South Australia. *Transactions of the Royal Society of South Australia* **134**(1): 125–138.
- King, R. A. and Leys, R.** (2011). The Australian freshwater amphipods *Austrochiltonia australis* and *Austrochiltonia subtenuis* (Amphipoda: Talitroidea: Chiltoniidae) confirmed and two new cryptic Tasmanian species revealed using a combined molecular and morphological approach. *Invertebrate Systematics* **25**(3): 171–196.
- King R. A., Bradford, T., Austin, A. D., Humphreys, W. F., and Cooper, S. J. B.** (2012). Divergent molecular lineages and not-so-cryptic species: the first descriptions of stygobitic chiltoniid amphipods (Talitroidea: Chiltoniidae) from Western Australia. *Journal of Crustacean Biology* **32**: 465–488.



- 
- Krogmann, L. and **Austin, A. D.** (2011). Systematic revision of the spider wasp genus *Sphictostethus* Kohl (Hymenoptera: Pompilidae: Pepsinae) in Australia with description of nine new species. *Stuttgarter Beiträge zur Naturkunde A* **4**: 105–128.
- Kruse, P. D.** and Moreno-Eiris, E. (2011). Archaeocyaths of the White Point Conglomerate, Kangaroo Island, South Australia. *Kölner Forum für Geologie und Paläontologie* **19**: 92–93.
- Laan, B., Handasyde, K., and **Beveridge, I.** (2011). Observations on the biology and distribution of the tick *Ixodes hirsti* Hassall, 1931 (Acari: Ixodoidea). *Proceedings of the Royal Society of Victoria* **123**: 198–214.
- Laan, B., Handasyde, K., and **Beveridge, I.** (2011). Occurrence of the tick *Haemaphysalis bancrofti* Nuttall and Warburton, 1915 in Victoria with additional data on its distribution and with scanning electron micrographs of life cycle stages. *Proceedings of the Royal Society of Victoria* **123**: 187–197.
- Landau, I., Chavatte, J.-M., and **Beveridge, I.** (2011). *Johnsprentia copemani* n. g., n. sp. (Hemoproidea), a parasite of the flying fox, *Pteropus alecto* (Pteropidae), from Queensland. *Memoirs of the Queensland Museum* **55**: 1–6.
- Landau, L., Chavatte, J. M., Karadjian, G., Chabaud, A., and **Beveridge, I.** (2012). The haemosporidian parasites of bats with description of *Sprattiella alecto* gen. nov., sp. nov. *Parasite* **19**: 137–146.
- Lavigne, R. J.** (2011). A new species of Asilidae (Insecta, Diptera,) from Western Australia. *The South Australian Naturalist* **85**: 14–20.
- Lavigne, R. J.** and McAlister, E. (2012). A new species of *Cerdistus* (Insecta: Diptera: Asilidae) from Monarto Zoological Park, South Australia with notes on its behaviour. *The South Australian Naturalist* **85**: 76–84.
- Lee, M.S.Y.** (2011). Macroevoolutionary implications of spatial sorting. *Proceedings of the National Academy of Sciences* **108**: E347.
- Lee, M.S.Y., Jago, J.B., García-Bellido, D.C., Edgecombe, G.D., Gehling, J.G., Paterson, J.R.** (2011). Modern optics in exceptionally preserved eyes of Early Cambrian arthropods from Australia. *Nature* **474**: 631–634.
- Lee, M.S.Y.** and **Skinner, A.** (2011). Testing fossil calibrations for vertebrate molecular trees. *Zoologica Scripta* **40**: 538–543.
- Lee, M.S.Y.** and **Worthy T.W.** (2012). Likelihood reinstates *Archaeopteryx* as a primitive bird. *Biology Letters* **8**: 299–30.
- Leijs, R., van Nes, E. H., Watts, C. H., Cooper, S. J. B., Humphreys, W. F., and Hogendoorn, K.** (2012). Evolution of blind beetles in isolated aquifers: a test of alternative modes of speciation. *PLoS ONE* **7**: e34260.

- 
- Li, R., Wright, C. E., Winkel, K. D., **Gershwin, L. A.**, and Angus, J. A. (2011). The pharmacology of *Malo maxima* jellyfish venom extract in isolated cardiovascular tissues: A probable cause of the Irukandji syndrome in Western Australia. *Toxicology Letters* **201**: 221–229.
- Lippmann, J. M., Fenner, P. J., Winkel, K., and **Gershwin, L.-A.** (2011). Fatal and severe box jellyfish stings, including Irukandji stings, in Malaysia, 2000–2010. *Journal of Travel Medicine* **2011**: 1–7.
- Llamas, B., Holland, M.L., Chen, K., Cropley, J.E., **Cooper, A.**, Suter, C.M. (2012). High-resolution analysis of cytosine methylation in ancient DNA. *PLoS One*, **7**:e30226.
- Lopez-Lopez, A., **Hudson, P.**, and Galian, J. (2012). The *blackburni/murchisona* species complex in Australian *Pseudotetracha* (Coleoptera: Carabidae: Cicindelinae: Megacephalini): evaluating molecular and karyological evidence. *Journal of Zoological Systematics and Evolutionary Research* **50**: 177–183.
- McGuire, A., **Johnston, G.**, Robertson, J., and Kleindorfer, S. (2011). Comparison of survey methods for detection of the elusive Western Whipbird *Psophodes nigrogularis* with notes on its distribution. *South Australian Ornithologist* **37**: 49–59.
- McIntosh, R. R., Goldsworthy, S. D., **Shaughnessy, P. D.**, Kennedy, C. W., and Burch, P. (2012). Estimating pup production in a mammal with an extended and aseasonal breeding season, the Australian sea lion (*Neophoca cinerea*). *Wildlife Research* **39**: 137–148.
- Macken, A. C., **Prideaux, G. J.**, and Reed, E. H. (2012). Variation and pattern in responses of mammal faunas to Late Pleistocene climatic change in south eastern South Australia. *Journal of Quaternary Science* **27**: 415–424.
- Macken, A. C., Jankowski, N. R., Price, G. J., Bestland, E. A., Reed, E. H., **Prideaux, G. J.**, and Roberts, R. G. (2011). Application of sedimentary and chronological analyses to refine the depositional context of a Late Pleistocene vertebrate deposit, Naracoorte, South Australia. *Quaternary Science Reviews* **30**: 2690–2702.
- Matthews, E. G.** (2012). Australian Alleculinae: New genera, new combinations, and a lectotype designation (Coleoptera: Tenebrionidae), *Psyche*, **2012**: 1–5, Article ID 814865.
- Medlin, G.** (2012). Early records of the Platypus in South Australia. *The South Australian Naturalist* **86**(: 46.
- Meng, M., Valerio, A., **Austin, A. D.**, Dowton, M., and Johnson, N. F. (2012). The first mitochondrial genome for the wasp superfamily Platygastroidea: the egg parasitoid *Trissolcus basalis*. *Genome* **55**:194–204.
- Muirhead, K.A., Murphy, N. P., Sallam, N., **Donnellan, S. C.**, and **Austin, A. D.** (2012). Phylogenetics and genetic diversity of the *Cotesia flavipes* complex of parasitoid wasps (Hymenoptera: Braconidae), biological control agents of lepidopteran stemborers. *Molecular Phylogenetics and Evolution* **63**: 904–914.

---

Murphy, N. P., Breed M. F., Guzik M. T., **Cooper, S. J. B.**, and **Austin A. D.** (2012). Has Pleistocene climate change influenced the phylogeographic history of artesian spring snails in the Australian arid zone? *Journal of Biogeography* (published online 26/6/2012).

Neethling, S., Channing, A., **Gershwin, L.-A.**, and Gibbons, M. J. (2011). A modern description of *Crambionella stuhlmanni* (Scyphozoa: Rhizostomeae) from St Lucia Estuary, South Africa. *Journal of the Marine Biological Association of the United Kingdom* **91** (Special Issue 02): 357–367.

Orgeig, S., Morrison, J. B., and **Daniels, C. B.** (2011). Prenatal development of the pulmonary surfactant system and the influence of hypoxia. *Respiratory Physiology and Neurobiology* **178**: 129–145.

Osborn, K. J., Haddock, S. H. D., and **Rouse, G. W.** (2011). *Swima* (Annelida, Acrocirridae), holopelagic worms from the deep Pacific. *Zoological Journal of the Linnean Society* **163**: 663–678.

Paige, K., Lloyd, D., Zeegers, Y., Roetman, P., **Daniels, C.**, Hoekman, B., Linnell, L., George, L., and Szilassy, D. (2012). Connecting teachers and students to the natural world through Operation Spider: An Aspirations Citizen Science Project. *Teaching Science* **58**: 13–20.

Parapar, J., Gambi, M. C., and **Rouse, G. W.** (2011). A revision of the deep-sea genus *Axiokebuita* Pocklington and Fournier, 1987 (Annelida: Scalibregmatidae). *Italian Journal of Zoology* **78**: 148–162.

Paterson, J. R., García-Bellido, D.C., **Lee, M.S.Y.**, Brock, G.A., Jago, J.B. and Edgecombe, G.D. (2011). Acute vision in the giant Cambrian predator *Anomalocaris* and the origin of compound eyes. *Nature* **480(7376)**: 237–240.

Pavey, C. R., Nano, C. E. M., **Cooper, S. J. B.**, Cole, J. R., and McDonald, P. J. (2011). Habitat use, population dynamics and species identification of Mulgara, *Dasymercus blythi* and *D. cristicauda*, in a zone of sympatry in central Australia. *Australian Journal of Zoology* **59**: 156–169.

Pepper, M., Doughty, P., **Hutchinson, M. N.**, and Keogh, J. S. (2011). Ancient drainages divide cryptic species in Australia's arid zone: morphological and multi-gene evidence for four new species of beaked geckos (*Rhynchoedura*). *Molecular Phylogenetics and Evolution* **61**: 810–822.

Pleijel, F., **Rouse, G. W.**, and Nygren, A. (2012). A revision of *Nereimyra* (Psamathini, Hesionidae, Aciculata, Annelida). *Zoological Journal of the Linnean Society* **164**: 36–51.

Popelka-Filcoff, R. S., Lenehan, C. E., Glascock, M. D., Bennett, J. W., Stopic, A., Quinton, J. S., **Pring, A.**, and Walshe, K. (2012). Evaluation of relative comparator and  $k_0$ -NAA for characterization of aboriginal Australian Ochre". *Journal of Radioanalytical and Nuclear Chemistry* **291**: 19–24.

- 
- Portes Santos, C., Santos, A. L., Cunha, R., and **Chisholm, L. A.** (2012). A new species of *Heterocotyle* Scott, 1904 (Monogenea: Monocotylidae) from the gills of *Dasyatis guttata* (Dasyatidae) in southwestern Atlantic waters off Rio de Janeiro, Brazil. *Systematic Parasitology* **81**: 65–70.
- Potter S., **Cooper, S. J. B.**, Metcalfe, C. J., Taggart, D. A., and Eldridge, M. D. B. (2012). Phylogenetic relationships of *Petrogale* (Macropodidae, Marsupialia) and their biogeographic history within Australia. *Molecular Phylogenetics and Evolution* **62**: 640–652.
- Potter, S., Eldridge, M. D. B., Taggart, D. A., and **Cooper, S. J. B.** (2012). Multiple biogeographic barriers identified across the monsoon tropics of northern Australia: phylogeographic analysis of the *brachyotis* group of rock-wallabies. *Molecular Ecology* **21**: 2254–2269.
- Potter, S., Eldridge, M. D., **Cooper, S. J. B.**, Paplinska, J. Z., and Taggart, D. A. (2012). Habitat connectivity, more than species' biology, influences genetic differentiation in a habitat specialist, the short-eared rock-wallaby (*Petrogale brachyotis*). *Conservation Genetics* **13**: 937–952.
- Prideaux, G. J.** and Tedford, R. T. (2012). *Tjukuru wellsi* gen. et sp. nov., a lagostrophine kangaroo (Diprotodontia, Macropodidae) from the Pliocene (Tirarian) of northern South Australia. *Journal of Vertebrate Palaeontology* **32**: 717–721.
- Purwamingsih, E. and **Smales L. R.** (2011). Two new species of Labiostrongylinea (Nematoda: Cloacininae) from Salawati Island, Indonesia. *Transactions of the Royal Society of South Australia* **135**: 124–133.
- Qian, G., Xia, F., **Brugger, J.**, Skinner, W. M., Bei, J., Chen, G., and **Pring, A.** (2011). Replacement of pyrrhotite by pyrite and marcasite under hydrothermal conditions up to 220 °C: An experimental study of reaction textures and mechanisms. *American Mineralogist*, **96**: 1878–1893.
- Rawlence, N.J., **Cooper, A.** (2012). Radiocarbon dating of the youngest moa (Aves: Dinornithiformes) from a natural site in New Zealand. *J. Roy. Soc. New Zeal.* Online May. DOI:10.1080/03036758.2012.658817
- Read, J., **Johnston, G. R.**, and Morley, T.P. (2011). Snake predation thwarts trial reintroduction of woma pythons, *Aspidites ramsayi*. *Oryx* **45**: 505–512.
- Rehan, S. M., **Leijs, R.**, and Schwarz, M. P. (2012). A mid-Cretaceous origin of sociality in xylocopine bees with only two origins of true worker castes indicates severe barriers to Eusociality. *PLoS ONE* **7**: e34690.
- Romero, A., Rogers, R. R., and **Gershwin, L.** (2011). Medusoid cnidarians from the Montral-Alcover Lagerstätten (Triassic), Northeastern Spain. *Batalleria* **16**: 50–57.
- Schaeffner, B. C. and **Beveridge, I.** (2012). *Cavearhynchus*, a new genus of tapeworm (Cestoda: Trypanorhyncha: Pterobothriidae) from *Himantura lobistoma* Manjaji-Matsumoto and Last, 2006 (Rajiformes) off Borneo, and new records of species of *Pterobothrium* Diesing, 1850. *Systematic Parasitology* **82**: 147–166.

---

Schaeffner, B. C., Gasser, R. B., and **Beveridge, I.** (2011). *Ancipirhynchus afossalis* n.g., n.sp. (Trypanorhyncha: Ootobothriidae), from two species of sharks off Indonesian and Malaysian Borneo. *Systematic Parasitology* **80**: 1–15.

Schmidt, D. J., Bond, N. R., **Adams, M.**, and Hughes, J. M. (2011). Cytonuclear evidence for hybridogenetic reproduction in natural populations of the Australian carp gudgeon (*Hypseleotris*: Eleotridae). *Molecular Ecology* **20**: 3367–3380.

Seltmann, K. C., Yoder, M. J., Mikó, I., Forshage, M., Bertone, M. A., Agosti, D., **Austin, A.D.**, Balhoff, J. P., Borowiec, M. L., Brady, S. G., Broad, G. R., Brothers, D. J., Burks, R. A., Buffington, M. L., Campbell, H. M., Dew, K. J., Ernst, A. F., Fernández-Triana, J. L., Gates, M. W., Gibson, G. A. P., Jennings, J. T., Johnson, N. F., Karlsson, D., Kawada, R., Krogmann, L., Kula, R. R., Mullins, P. L., Ohl, M., Rasmussen, C., Ronquist, F., Schulmeister, S., Sharkey, M. J., Talamas, E., Tucker, E., Vilhelmsen, L., Ward, P. S., Wharton, R. A., and Deans, A. R. (2012). A hymenopterists' guide to the Hymenoptera Anatomy Ontology: utility, clarification, and future directions. *Journal of Hymenoptera Research* **27**:67–88.

Sistrom, M. J., Edwards, D., **Donnellan, S.**, and **Hutchinson, M.** (2012). Morphological differentiation correlates with ecological but not genetic divergence in a *Gehyra* gecko. *Molecular Ecology* **25**: 647–660.

**Smales, L. R.** (2011). Centrorhynchidae (Acanthocephala) including the description of new species of *Centrorhynchus* from birds from the Cote d'Ivoire, Africa. *Revue Suisse de Zoologie* **118**: 307–318.

**Smales, L. R.** (2011). The gastrointestinal helminths of *Chiruromys vates* (Rodentia: Muridae) with the description of a new species (Nematoda: Heligmonellidae) from Papua New Guinea. *Comparative Parasitology* **78**: 327–332.

**Smales, L. R.** (2011). Gigantorhynchidae (Acanthocephala) including the description of new species of *Mediorhynchus* from birds from the Cote d'Ivoire, Africa. *Comparative Parasitology* **78**: 316–326.

**Smales, L. R.** (2011). New species and new locality records of the nematode genus *Labiosimplex* (Strongylida: Chabertiidae) from macropod marsupials in Western Australia. *Records of the Western Australian Museum* **26**: 183–190.

**Smales, L. R.** (2011). Gastrointestinal nematodes of *Coccymys ruemmleri* (Rodentia: Muridae) with the description of *Montistrongylus giluwensis* sp. nov. (Heligmonellidae) and *Syphacia coccymyos* n.sp. (Oxyuridae) from Papua New Guinea. *Acta Parasitologia* **56**: 418–426.

**Smales L. R.** (2012). *Echinorhynchus lesteri* n. sp. (Acanthocephala: Echinorhynchidae) parasitic in the intestine of the orange roughy *Hoplostethus atlanticus*. *Transactions of the Royal Society of South Australia* **136**: 50–55.

- 
- Smales, L. R.** (2012). A new acanthocephalan family the Isthmosacanthidae (Acanthocephala: Echinorhynchida) with the description of *Isthmosacanthus fitzroyensis* n. g., n. sp. from threadfin fishes (Polynemidae) of northern Australia. *Systematic Parasitology* **82**: 105–111.
- Smith, S. A., Wilson, N. G., Goetz, F., Feehery, C., Andrade, S. C. S., **Rouse, G. W.**, Giribet G., and Dunn C. W. (2011). Resolving the evolutionary relationships of molluscs with phylogenomic tools. *Nature* **480**: 364–367.
- Soubrier, J., Steele, M., **Lee, M.S.Y.**, de Sarkissian, C., Guindon, S., Ho, S.Y.W. and **Cooper, A.** (2012). The influence of rate heterogeneity among sites on the time dependence of molecular rates. *Molecular Biology and Evolution*. *Molecular Biology and Evolution* (advance online: doi: 10.1093/molbev/mss140)
- Stevens, N. B., **Austin, A. D.**, and Jennings, J. T. (2011). Diversity, distribution and taxonomy of the Australian agathidine genera *Baeognatha* Kokujev, *Lytopylus* Foerster and *Therophilus* Wesmael (Hymenoptera: Braconidae: Agathidinae). *Zootaxa* **2887**: 1–49.
- Suh A., Kriegs J. O., **Donnellan S. C.**, Brosius J., and Schmitz J. (2012). A universal method for the study of CR1 retroposons in non-model bird genomes. *Molecular Biology and Evolution* (published online 20 April 2012). doi: 10.1093/molbev/mss124
- Tan, N., Chilton, N. B., Huby-Chilton, F., Jex, A. R. Gasser, R. B., and **Beveridge, I.** (2012). Molecular evidence for a cryptic species within the nematode *Macroponema comani* (Strongyloidea: Cloacininae). *Molecular and Cellular Probes* **26**: 170–174.
- Taylor, G. S., Jennings, J. T., Purcell, M. F., and **Austin, A. D.** (2011). A new genus of jumping plant lice (Hemiptera: Triozidae) from *Allocasuarina* (Casuarinaceae) in Australia. *Zootaxa* **3009**: 1–45.
- Unmack, P. J., Bagley, J. C., **Adams, M.**, Hammer, M. P., and Johnson, J. B. (2012). Molecular phylogeny and phylogeography of the Australian freshwater fish genus *Galaxiella*, with an emphasis on dwarf galaxias (*G. pusilla*). *PLoS ONE* **7**: e38433.
- Vaughan, D. B. and **Chisholm, L. A.** (2011). Amendment of *Pseudoleptobothrium* Young, 1967 (Monogenea, Microbothriidae) with the description of *Pseudoleptobothrium christisoni* sp. nov. from the dermal denticles of *Rhinobatos annulatus* (Rhinobatidae) off the southern tip of Africa. *Acta Parasitologica* **56**: 280–289.
- Vörös J., Price L., and **Donnellan S. C.** (2011). On the occurrence of the chytrid fungus *Batrachochytrium dendrobatidis* on the endemic frog species *Litoria raniformis* in South Australia. *Herpetological Reviews* **42**: 220–223.
- Warburton, N. M., Harvey, K. J., **Prideaux, G. J.**, and O'Shea, J. E. (2011). Functional morphology of the forelimb of living and extinct tree-kangaroos (Diprotodontia: Macropodinae). *Journal of Morphology* **272**: 1230–1244.
- Weaver H. J. and **Smales L. R.** (2012). Parasite assemblages of Australian species *Pseudomys* (Rodentia: Muridae: Murinae). *Journal of Parasitology* **98**: 30–35.

---

Wedderburn, S. D., **Hammer, M. P.**, and Bice, C. M. (2012). Shifts in small-bodied fish assemblages resulting from drought-induced water level recession in terminating lakes of the Murray-Darling Basin, Australia. *Hydrobiologia* **691**: 35–46.

**Whittington, I. D.** and Kearn, G. C. (2011). A new species of *Dermopristis* Kearn, Whittington and Evans-Gowing, 2010 (Monogenea: Microbothriidae), with observations on associations between the gut diverticula and reproductive system and on the presence of denticles in the nasal fossae of the host *Glaucostegus typus* (Bennett) (Elasmobranchii: Rhinobatidae). *Systematic Parasitology* **80**: 41–51.

**Whittington, I. D.** and Deveney, M. R. (2011). New *Benedenia* species (Monogenea: Capsalidae) from *Diagramma labiosum* (Perciformes: Haemulidae) from the Great Barrier Reef, Australia, oncomiracidial descriptions and a report of egg attachment to the host. *Journal of Parasitology* **97**: 1026–1034.

Xia, F., **Pring, A.**, and **Brugger, J.** (2012). Understanding the mechanism and kinetics of pentlandite oxidation in extractive pyrometallurgy of nickel. *Mineral Engineering* **27-28**: 11–19.

Xia, F., **Brugger, J.**, Qian, G., Nogthai, Y., O'Neill, B., Zhao, J., Pullen, S., Olsen, S., and **Pring A.** (2012). Single pass flow through cell for high temperature and high pressure *in situ* neutron diffraction studies of hydrothermal crystallization. *Journal of Applied Crystallography* **45**: 166–173.

**Zeidler, W.** (2012). A new species of *Mimonecteola* (Crustacea: Amphipoda: Hyperiidea: Mimonecteolidae) from the Southern Ocean. *Zootaxa* **3308**: 63–67.

#### **4. Other publications (book reviews, conference proceedings etc.)**

---

**Black, A.**, Witchelina's Thick-billed Grasswrens. Nature Matters summer 2012. *Nature Foundation SA* (2012).

**Boll, V. and Harvey, J.** (2012). *The Yolngu Seasons*. Educational booklet. CEC, Yirrkala, 63 pp. (complementing *The Yolngu Seasons* DVD) for the Yolngu schools in North East Arnhem Land.

**Cooper, B. J.** (2011). Reg Sprigg and the 1947 discovery of submarine canyons in Australian waters. *INHIGEO 2011 Japan conference* pp. 38–41, 2–10 August 2011, Aichi University, Toyohashi, Japan, Abstract. .

**Cooper, B. J.** (2011). Book Review –Natural Stone Resources for Historical Monuments. R. Přikryl and Á. Török (eds.). *The Australian Geologist* **161**: 42 (December 2011).

**Craig, B.** (2011). Digitisation of Pacific Collections and the Upper Sepik-Central New Guinea Project. In Blake, M., Singh, S., Jackson, M. and Daniel, V. *Casting the Net Symposium*, . Melbourne, Australia: Smart Services CRC/RMIT..

---

**Craig, B.** (2011). Revised and added to Martin Steer 2009 *Languages of the Upper Sepik and Central New Guinea*, and uploaded to USCNGP website, 5 September 2011.

**Daniels C. B.** (2011) 'Foreword' in Lawrence, R. 2011 *Start with the Leaves: A Simple Guide to Common Orchids and Lillies of the Adelaide Hills*, pp. 8–9. Adelaide, Australia: Heritage Bushcare Press. 192 pp.

**Foster, R., Gomon, M. F., and Bray, D. J.** (2011). Paradoxical Seahorse, *Hippocampus paradoxus*. In *Fishes of Australia*, <http://fishesofaustralia.net.au/home/species/4773>

Goldsworthy, S. D., Page, B., Kennedy, C., Welz, K., and **Shaughnessy, P. D.** (2011). Australian sea lion population monitoring at Seal Bay and the Seal Slide, Kangaroo Island: 2010 breeding season. SARDI Publication No. F2011/000216-1. *SARDI Research Report Series* No. **556**, 36 pp. Adelaide, Australia: South Australian Research and Development Institute (Aquatic Sciences).

Goldsworthy, S. D., Page, B., Lowther, A., and **Shaughnessy, P. D.** (2012). Maintaining the monitoring of pup production at key Australian sea lion colonies in South Australia (2010/11). SARDI Publication No. F2010/000665-2. *SARDI Research Report Series* No. **601**. Adelaide, Australia: South Australian Research and Development Institute (Aquatic Sciences).

**Kemper, C. and Tomo, I.** (2011). Caring for Our Country, Marine Debris Threat Abatement in Gulf St Vincent- Marine Mammal Pathology. Final report, May 2011.

**Kemper, C.** (2012) Science Report, Maralinga, South Australian Museum/Waterhouse Club Survey 2010.

**Kruse, P. D.** and Moreno-Eiris, E. (2011). Archaeocyaths of the White Point Conglomerate, Kangaroo Island, South Australia. *Kölner Forum für Geologie und Paläontologie* **19**: 92–93 (abstract).

**Lee, M.S.Y.** (2012). **Third class on the Trans-Siberian (in The Fossil Hunters, Volume 3).**

O'Neil, B. and **Cooper, B. J.** (2011). Johannes Menge (1788–1852): Abstracts: The South Australian Company's Mine and Quarry and Geologist. *Australian Mining History Association, Annual Conference, Hahndorf, South Australia, 12–18 September 2011*. p.23.

Page, B. Goldsworthy, S. D., and **Shaughnessy, P. D.** (2011). Assessment of the proposed changes to the boardwalks and tours at Seal Bay, Kangaroo Island. Final report to the Department of Environment and Natural Resources. SARDI Publication No. F2011/000047-1. *SARDI Research Report Series* No. **523**, 94 pp. Adelaide, Australia: South Australian Research and Development Institute (Aquatic Sciences).

**Pring, A., Etschmann, B., Brugger, J., and Nogthai, Y.** (2011). Hydrothermal fluid flow during mineral alteration reactions in geothermal and other systems: An overview. Australian Geothermal Energy Conference 2011, 181–185.

**Shaughnessy, P. D.** and Goldsworthy S. D. (2012). Abundance of fur seal pups on North Casuarina Island in the 2011–12. Report to Nature Foundation South Australia, 15 pp.



---

**Sutton, P.** (2011). Review of M. Thomas 2011, *The Many Worlds of RH Mathews: in Search of an Australian Anthropologist*, Sydney: Allen and Unwin. *Aboriginal History* **35**:205–206.

**Sutton, P.** (2012). On a mission. Peter Sutton on John Strehlow's *The Tale of Frieda Keysser*. *The Monthly* **77**:48–52.

**Whittington, I.D.**, Shinn, A.P., Bron, J.E., and Deveney, M.R. (2011). *Innovative Solutions for Aquaculture: Assessment of in situ monitoring techniques and life history parameters for monogenean skin and gill parasites*. Final Report to the Fisheries Research and Development Corporation (FRDC, Project No. 2003/221), 41 pp.

**Whittington, I.D.** (2011). Report on accession no. P11-74922 from Biosecurity Queensland (Department of Employment, Economic Development and Innovation). Report to Biosecurity Queensland, Department of Employment, Economic Development and Innovation, Brisbane Queensland about fish health in Gladstone Harbour, October 2011, 6 pp.

**Whittington, I.D.** (2012). Microbothriid monogeneans from sharks in the Gladstone region [samples provided from Biosecurity Queensland (Department of Employment, Economic Development and Innovation)]. Report to Biosecurity Queensland, Department of Employment, Economic Development and Innovation, Brisbane Queensland about fish health in Gladstone Harbour, December 2011, 17 pp.

**Whittington, I.D.** (2012). Copepods from sharks and whiting in the Gladstone region [samples provided from Biosecurity Queensland (Department of Employment, Economic Development and Innovation)]. Report to Biosecurity Queensland, Department of Employment, Economic Development and Innovation, Brisbane Queensland about fish health in Gladstone Harbour, December 2011, 4 pp.

Wood, J.R., Wilmschurst, J.M., Worthy, T.H., **Cooper, A.** (2012). High-Resolution Coproecology: Using Coprolites to Reconstruct the Habits and Habitats of New Zealand's Extinct Upland Moa (*Megalapteryx didinus*). *PLoS One*. **7**:e40025.

Wood, J.R., Wilmschurst, J.M., Worthy, T.H., **Cooper, A.** (2012). First coprolite evidence for the diet of *Anomalopteryx didiformis*, an extinct forest ratite from New Zealand. *NZ J Ecology* **36**:164-170.

|   |
|---|
| <b>5. CONFERENCE PAPERS, TALKS AND LECTURES</b> |
|---|

**KIM AKERMAN:**

2012. A review of the indigenous watercraft of the Kimberley region, Western Australia. Paper presented at NAWI - Exploring Australia's Indigenous watercraft. Conference at the Australian National Maritime Museum, May 2012.

**ARCHIVES:**

Archive tours and lectures.

17 August 2011, Indigenous Youth Program Talk and Tour.

30 August 2011, Nunkuwarrin Yunti, Talk and Tour.

---

22 September 2011, Link Up Caseworkers Workshop Talk and Tour.

1 December 2011, Ananguku Arts workshop for Aboriginal Artists and Art workers Talk and Tour.

22 February 2012, Indigenous Youth Program Talk and Tour.

24 April 2012, talk and tour; Aboriginal staff from Child and Adolescent Mental Health Service, Talk and Tour.

16 May 2012, Indigenous Youth Program Talk and Tour.

17 May 2012, Yellakka Yelakki Aboriginal School Program Talk and Tour.

18 May 2012, Yellakka Yelakki Aboriginal School Program Talk and Tour.

24 May 2012, Womens and childrens Health Network; lecture.

27 May 2012, Reconciliation activity, archive crayon drawings.

29 May 2012, University SA students, lecture.

31 May 2012, Adelaide High Students Talk and Tour.

14 June 2012, Mangkata Aborigina Community Workshop.

21 June 2012, 2 × Talk and Tour Wirreanda School Students.

15 May 2012, Family history talk and tour, Aboriginal young offenders.

**ANDY AUSTIN:**

Johnson, N., Cora, J., Talamas, E., Valerio, A., **Austin, A.**, Klompen, H., and Bin N. (2011). Phylogeny of parasitoid wasps of the superfamily Platygastroidea (Hymenoptera): an expanded analysis, evolution of host relationships, and higher classification. *Entomological Society of America Conference, Reno.*

Johnson, N., Cora, J., Talamas, E., Valerio, A., **Austin, A.**, Klompen, H., and Bin N. (2011). The genome of the egg-parasitoid wasp *Trissolcus basalis* (Wollaston) (Hymenoptera: Platygastriidae). *Entomological Society of America Conference, Reno.*

Valerio, A. and **Austin, A.** (2011). The systematic review of the arachnophilous genus *Odontacolus* Kieffer (Hymenoptera: Platygastriidae s.l. *Entomological Society of America Conference, Reno.*

Faast, R., Facelli, J.M., and **Austin, A.D.** (2011). To hide or not to hide; the influence of apparency on the pollination and herbivory of an endangered terrestrial orchid. (*International Botanical Congress, Melbourne.*

Symposium (Austin, A.D. and Heraty, J. 2012) “Biological transitions in the Hymenoptera, a

---

phylogenetic perspective". *International Congress of Entomology, South Korea.*

**STEVE COOPER:**

Javidkar, M., **Cooper, S., King, R.,** Humphreys, W., and **Austin, A.** (2011). DNA barcoding of troglobitic isopods from groundwater calcretes of Central Western Australia. *Fourth International Barcode of Life Conference*, Nov 28–Dec 2, 2011, Adelaide (poster).

Guzik, M., **Cooper, S.,** Humphreys, W., **Stevens, M.,** Javidkar, M., Harrison, S., **King, R. ,** Abrams, K., Harvey, M., and **Austin, A.** (2011). Using genetic divergences to estimate species boundaries in Australian subterranean invertebrates, *Fourth International Barcode of Life Conference*, Nov 28–Dec 2, 2011. Adelaide.

Guzik, M., **Cooper, S.,** Humphreys, W., **Stevens, M.,** Javidkar, M., Harrison, S., **King, R. ,** Abrams, K., Harvey, M., and **Austin, A.** (2011). Using genetic divergences to estimate species boundaries in Australian subterranean invertebrates, *Society of Australian Systematic Biologists and Invertebrate Biodiversity and Conservation Conference*, Dec 4–7, 2011, Melbourne.

Javidkar, M., **Cooper, S., King, R.,** Humphreys, W., and **Austin, A.** (2011). Phylogeny and Morphological Diversity of Troglobitic Isopods from Groundwater Calcretes of central Western Australia, *Society of Australian Systematic Biologists and Invertebrate Biodiversity and Conservation Conference*, Dec 4–7, 2011, Melbourne, (poster).

Harrison, S., Guzik, M., Harvey, M., Humphreys, W., **Cooper, S.,** and **Austin, A.** (2011). Exploring new species diversity among troglobitic pseudoscorpions of the Yilgarn and Pilbara Regions, Western Australia. *Society of Australian Systematic Biologists and Invertebrate Biodiversity and Conservation Conference*, Dec 4–7, 2011, Melbourne.

Velasco, A., **Stevens, M., Austin, A., Cooper, S.,** Gibson, J., Schultz, M., and Davies, K. (2011). Diversity of eastern Antarctic meiofauna. *Society of Australian Systematic Biologists and Invertebrate Biodiversity and Conservation Conference*, Dec 4–7, 2011, Melbourne.

Abrams, K., Guzik, M., **Cooper, S.,** Humphreys, W., **King, R., Austin, A.,** and Cho, J.-L. (2011). Molecular phylogenetics and ancestral state reconstruction of the ancient subterranean Australian Parabathynellidae (Syncarida, Crustacea). *Society of Australian Systematic Biologists and Invertebrate Biodiversity and Conservation Conference*, Dec 4–7, 2011, Melbourne. (poster).

Lancaster, M., Taylor, M. A., **Cooper, S.,** and Carthew, S. (2011). Limited dispersal due to forest fragmentation results in increased genetic relatedness and inbreeding in an arboreal marsupial. *25th International Congress for Conservation Biology*, Dec 5–9, 2011, Auckland, New Zealand.

Li, Y., Lancaster, M., **Cooper, S.,** and Carthew, S. (2011). Impact of forest fragmentation on dispersal and gene flow in a nationally endangered Australian marsupial, the Southern Brown Bandicoot. *25th International Congress for Conservation Biology*, Dec 5–9, 2011, Auckland, New Zealand.

Potter, S., Eldridge, M., Taggart, D., and **Cooper, S.** (2011). Phylogeography of the *brachyotis* group of rock-wallabies identifies two regions to focus conservation management in northern Australia. *25th International Congress for Conservation Biology*, Dec 5–9, 2011,

---

Auckland, New Zealand.

15/8/2011: Lecture and tutorial on regressive evolution in Issues in Evolutionary Biology, 3<sup>rd</sup> year course, The University of Adelaide.

18/8/2011: talk during National Science week, South Australian Museum- underground animals.

16/9/2011: Invited seminar to School of Life and Environmental Sciences, Deakin University.

### **BARRY CRAIG:**

30 November 2011: Opening of the South Australian Museum exhibition *Heart of Darkness. The 1909 Congo Exhibition* was coordinated with the opening of the African Studies Association of Australia and the Pacific (AFSAAP) conference in the Foyer of the Museum. I also arranged a Spotlight exhibition of the Sudan Collections of the South Australian Museum. Both exhibitions ran from 30 November 2011 until 5 March 2012.

1 December 2011: *Sudan Collections of the South Australian Museum*. Paper given at the AFSAAP annual conference in Adelaide.

3 - 6 December 2011: Attended and spoke at launch of book *Living Spirits with Fixed Abodes* at the PNG National Museum in Port Moresby; also spoke with representatives of Ok Tedi Mining, PNG Sustainable Development Corporation and Exxon-Mobil re funding for the Upper Fly-Southern Highlands Project as a joint research project of the PNG National Museum, the South Australian Museum and the University of Adelaide.

### **JOHN DALLWITZ:**

21/9/11: *Ara Irititja: connecting generations*. Presentation of the Ara Irititja project and demonstration of the Ara Irititja KMS database to 'AIATSIS National Indigenous Studies Conference 2011', Canberra. (with Sally Anga Scales and Douglas Mann).

18/10/11: Presentation of the Ara Irititja project and demonstration of the Ara Irititja KMS database at Sisters of St John of God Archive Centre, Broome WA. (with Dora Dallwitz).

22/11/11: Presentation of the Ara Irititja project and demonstration of the Ara Irititja KMS database to Georgina Diamantina Cooper Catchment Aboriginal Group, Longreach QLD.

28/6/12: Presentation of the Ara Irititja project and demonstration of the Ara Irititja KMS database at Wiltja Anangu Education Program annual conference, Hahndorf SA. (with Inawantji Scales).

### **CHRIS DANIELS:**

Baharuddin, Z. M., Karuppannan, S., Sivam, A., and **Daniels, C. B.** (2011). "*Healthy living environment and public parks: A case study of Kuala Lumpur*", Refereed paper, Inaugural Malaysian Postgraduate Conference 2011(MPC), 26–27 November, 2011, Adelaide.

Baharuddin, Z. M., Karuppannan, S., Sivam, A., and **Daniels, C. B.** (2011). "Urban Parks in Kuala Lumpur: Biodiversity and Design Challenges" Refereed conference paper, World

---

Planning School Congress (WPSC), Perth 2011.

**TOM GARA:**

27/5/2012: *The Spanish Influenza epidemic of 1919 and its impact on Aboriginal people in South Australia*. Paper presented at the Anthropological Society of South Australia's Aboriginal History Symposium at the Bradley Forum, University of South Australia.

1/6/2012: *Indigenous bark canoes of the River Murray, South Australia*. Paper presented at Nawi. Exploring Australia's Indigenous Watercraft Conference, at the Australian National Maritime Museum, Sydney.

2/6/2012 *The 'three chiefs' of the Adelaide tribe*. Paper presented at the South Australia Illustrated Symposium at the Art Gallery of South Australia.

**JIM GEHLING:**

29/03/2012: Public talk at Rawnsley Park Resort for Palaeontology Week 10th Anniversary, on "Fossil Heritage and Origins of the Flinders Ranges".

14/04/2012: Talk to Waterhouse Club at Parachilna entitled: "Nilpena, an Ediacaran field laboratory", prior to a site visit.

02/07/2011: Talk to Outback Areas Consultative Committee, Flinders Ranges National Park, Oraparinna Head Station on "Geological Heritage Values of the Flinders Ranges".

**MIKE HAMMER:**

Appointed Curator, Fishes, at the Museum and Art Gallery of the Northern Territory, the first such Australian Ichthyological appointee in over 25 years.

**PETER HUDSON:**

31/07/2010: Guest speaker, Friends of the Whyalla Conservation Park general meeting "Macquarie Island - pre rabbit eradication trip".

9/05/2011-19-05/2011: Presented paper "Interim results of barcoding Australian pogonine beetles (Carabidae: Pogoninae)" at the 11th International Conference on Salt Lake Research, Miramar, Argentina.

2/09/2011-4/09/2011: Kimba Forum, West of the Middlebacks, 27th Annual Friends of Parks Forum. Invited presentation about "Life on and around salt lakes".

4/10/2011: Guest speaker, Butterfly Conservation Group general meeting "Life on salt lakes".

25/10/2011: Guest speaker Probis Club of Steventon "Macquarie Island - pre rabbit eradication trip".

---

**MARK HUTCHINSON:**

**Hutchinson, M. N.**, Skinner, A., and **Lee, M.S.Y.** Lizard calibration points and the problem of *Tikiguania*. 59<sup>th</sup> Annual Symposium of Vertebrate Palaeontology and Comparative Anatomy, Lyme Regis, UK, September 12–17, 2011

Dept of Biology, Dept of Geosciences, East Tennessee State University, joint seminar presentation, November 2011. Title: *Trouble with Tikiguania: Acrodont lizards, calibration points and palaeoherpetology*.

Toxinology short course for emergency medicine physicians, Women's and Children's Hospital, February 2012. Lecture on venomous snake origins and evolution; practical class on snake identification.

Burra Community School, June 2012. Classroom presentation (yr 8-9) on reptiles of the Burra area and the conservation of the Pygmy Bluetongue lizard.

**GREG JOHNSTON:**

Riordan J. and **G. R. Johnston** (2011). Cooperation or conflict? The presence of marginal chicks increases nestling conflict in the black-faced cormorant. *Australasian Society for the Study of Animal Behaviour* conference, Flinders University of South Australia.

**PHILIP JONES:**

16/7/11 Conference paper: 'Alexander Schramm and Eugene von Guérard, colonial artists', at National Gallery of Victoria symposium, 'This Wondrous Land: Colonial Art on Paper'.

20/7/11 Talk to Museum staff: 'Our Vanished Dioramas', with Paul Lawson.

21/10/11 Public lecture: 'Australia's Muslim Cameleers'; Islamic Arts Museum of Malaysia, Kuala Lumpur.

28/11/11 Conference paper: 'Captain Carrington and the Field Island barks', at conference: 'Old Paintings, Old Stories from the very long time', 28–29 November, Museum Victoria.

30/1/12 Reg Sprigg Lecture, 'Reflections on the S.A. Museum's 150<sup>th</sup> anniversary', S.A. Museum.

7/3/12 Chair of session: 'How Aborigines Made Australia', with Philip Jones and Bill Gammage, Adelaide Writers Week.

1/4/12 Stuart Memorial Address to John McDouall Stuart Society, Adelaide: 'Stuart and his encounters with Aboriginal people'.

12/5/12 Public lecture: '*Ochre and Rust* and the role of museum artefacts'. University Museum, Zurich.

4/6/12 Address to French travel agents in AACG, with tour, S.A. Museum.

---

10/6/12 Talk to Waterhouse Club: 'Behind the Scenes: Herbert Basedow'. 'A Different Time' exhibition, South Australian Museum.

13/6/12 Talk to Gallery Guides, 'South Australia Illustrated', Art Gallery of South Australia.

28/6/12: Gallery talk, Eugene von Guérard's depiction of Aboriginal encounters, National Gallery of Australia, Canberra.

29/6/12: Conference paper: 'Nineteenth-century expeditions and protocols of encounter with Aborigines', at 'What is an Expedition', ANU conference, Kioloa, N.S.W.

**CATHERINE KEMPER:**

18 March 2012 – talk to public group at Nene Valley about marine mammals.

5 May 2012 – talk to Butterfly Conservation SA on marine mammal research at South Australian Museum.

26 June 2012 – Sprigg Lecture on Partnerships – “The key to monitoring Biodiversity”.

**RACHAEL KING:**

Conference talk: “Name calling in modern times”, a presentation at the 10<sup>th</sup> *Invertebrate Biodiversity and Conservation* Conference (December 4<sup>th</sup>–7<sup>th</sup>, 2011).

Conference/Workshop lecture: A guide to the freshwater amphipods of Australia. TRIN Taxonomic Workshop, La Trobe University, Albury-Wodonga campus, 31 January–1 February 2012.

**PETER D. KRUSE**

19/08/11-29/08/11: Presented oral paper entitled 'Archaeocyaths of the White Point Conglomerate, Kangaroo Island, South Australia' at 11<sup>th</sup> *Symposium on Fossil Cnidaria and Porifera* in Liège, Belgium. An abstract with the same title was published for the symposium, and a full manuscript is in preparation.

**REMKO LEIJES:**

5/08/2011: Public lecture on Australian Native bees for the Australian Native Plant Society.

**SUZANNE MILLER**

Australian Petroleum and Production Engineers Association Conference 2012: Keynote lecture: “Geology and the climate change record: 14,000 years of complacency”, Adelaide, May 2012.

Regional Australia Symposium: Keynote lecture: “Arts and culture promoting economic growth and diversity”; May 2012.

---

Museums as businesses. Guest Speaker, UO3A, Victor Harbour, April 2012.  
Mawson and the Antarctic Quest. Guest Speaker, Queen Adelaide Club, March 2012.

Geology of Antarctica. Guest lecturer, Orion Mawson's Antarctic Expedition, Antarctica, Jan 2012.

Bruce and the Scottish National Antarctic Expedition. Guest lecturer, Orion Mawson's Antarctic Expedition, Antarctica, Jan 2012.

Geology of Macquarie Island. Guest lecturer, Orion Mawson's Antarctic Expedition, Antarctica, Jan 2012.

Festival of Ideas,; The making of the Australian Aboriginal Cultures Gallery – interpretation and stories. Adelaide, October 2011.

The challenges of running a museum business. Guest Speaker, Cooke Society, August 2011.

A Museum Most Marvelous. Guest speaker, Port Elliot National Trust, July 2011.

Museum Treasures. Guest speaker, Royal Overseas League. July 2011.

The future of the South Australian Museum. Guest Speaker, Professional Historians Association of South Australia; July 2011.

A tribute to Anthropologist Dr Bob Edwards AO; Canberra; March 2011.

Australia and the integration of science collections through National infrastructure. Keynote lecture, Scientific Collections International Symposium. Melbourne. Feb 2011.

Co-Convener of the Scientific Collections International Symposium, Melbourne; Feb 2011.

Hook, Line and Sinkers – engaging with audiences. University of South Australia, Geospatial and Environmental Monitoring Discipline; August 2010.

#### **MARK PHARAOH:**

13/10/11: talk to the Field Geologist Club at the Mawson Labs, “Mawson's *Aurora* Venture or the Australasian Antarctic Expedition (AAE) 1911-14.”

24/10/11: talk to the History of Science, Information and Technology Society at the Barr Smith Library “Mawson's *Aurora* Venture or the pioneering, scientific and technological, Australasian Antarctic Expedition (AAE) 1911-14”.

04/11/11: South Australian Museum Orientation for Waterhouse Club *Orion* Expedition at the Armoury.

19/11/11: Public talk at Brighton Library “Mawson's *Aurora* Venture or the Australasian Antarctic Expedition (AAE) 1911-14.”



---

30/11/11: AAE Symposium, University of Hobart, 'The Legacy of Mawson's Australasian Antarctic Expedition (AAE) 1911-14: reconciling his preoccupations, with near century-old misperceptions, to understand its significance.'

20/12/11: South Australian Museum Final Orientation for Waterhouse Club *Orion* Expedition at the Armoury, four talks given on subject of Mawson's Expeditions on board.

**PETER SHAUGHNESSY:**

2011:

Marine mammals of Mawson's Antarctic expeditions. Conference of the Royal Society of Tasmania: 'Mawson 100 years on: how things have changed'. Oral presentation, Abstract.

2012:

Seals of southern seas. Lecture on tour ship ORION.

Macquarie Island. Lecture on tour ship ORION.

New Zealand sub Antarctic islands. Lecture on tour ship ORION.

NELLA DAN beset in spring of 1985 in Antarctic pack ice. Lecture on tour ship ORION.

**DAVID STEMMER:**

29/08/2011: **Stemmer, D.** and Jones, C., Adelaide University Anatomy Course, afternoon tutorial on the diversity of mammal skeletons, in particular the differences between bipedal and quadrupedal mammals.

7 -8/02/2012: **Stemmer, D.** Table-ronde "La Conservation Des Squelettes Gras : Méthodes De Dégraissage". Presentation on "The History of Skeleton Preparation And Degreasing at The South Australian Museum", including results on a series of degreasing experiments.

8/05/2012: Stemmer, D. Bolivar Maceration Facility Workshop for students of Wildlife Ecology Class from University of South Australia, including comprehensive tour through cetacean collection and preparation facility followed by a workshop involving students in the preparation of museum specimens.

**MARK STEVENS:**

28 November to 3 December 2011: Barcoding Collembola: The world species of Neanurinae. Poster presentation at *The 4th International Barcode of Life Conference*, University of Adelaide.

28 November to 3 December 2011: Biodiversity of Antarctic Tardigrada. Poster presentation at *The 4th International Barcode of Life Conference*, University of Adelaide.

28 November to 3 December 2011: Halictine bees of the south west Pacific: implications of a recent and rapid radiation. Poster presentation at *The 4th International Barcode of Life Conference*, University of Adelaide.

---

19 June 2012: Talk to year 4-5 at Leigh Primary School, New Zealand about Collembola on Hauturu (Little Barrier Island) and my role in the Allan Wilson Centre project 'Hidden Treasures'.

Oct 2011: Entomological Society of America: Symposia of Entomology, Reno, Nevada (poster presentation). Halictine bees of the south west Pacific: Implications of a recent and rapid radiation.

Aug 2011: Presented two talks about Antarctic invertebrates showing some also found in your backyard, during Science week at South Australian Museum to primary school children.

**PETER SUTTON:**

19/08/11 Gave keynote address at the Cairns Indigenous Art Fair Symposium, Cairns, called 'Wax and Sex: Gender, Feelings, and the Art of Wik People'.

08/03/12 With author John Strehlow held a public conversation about Strehlow's new book *The Tale of Frieda Keysser*, Ira Raymond Room, University of Adelaide Library.

17/05/12 Gave invited address on Indigenous policy directions to members of state parliament and staff, Parliament House, Adelaide.

22/05/12 Gave invited seminar to post-graduate/staff Linguistics seminar, University of Adelaide, on causes of language extinction.

**MIKE TYLER:**

4<sup>th</sup> *World Congress of Herpetology* (Bentota, Sri Lanka, 2011). History of the World Congress of Herpetology. *Herpetological Review* **43**(2): 193–195.

**IAN WHITTINGTON:**

Catalano, S. R., **Whittington, I. D.**, **Donnellan, S. C.**, and Gillanders, B. M. (2011). Dicyemid parasite diversity in South Australian cephalopod species as a tool to explore species status in *Sepia apama* (giant Australian cuttlefish). *2011 Australian Society for Parasitology Annual Conference*, 10–13<sup>th</sup> July, Pullman Reef Casino Hotel, Cairns, Queensland, Australia. (Abstract with program; presentation C56).

**Whittington, I. D.** (2011). Monogeneans. *Aquatic Parasitology Workshop: Detection and Diagnosis* (sponsored by the Australian Society for Parasitology Inc. and the Fisheries Research and Development Corporation), Cairns Campus of James Cook University, 10<sup>th</sup> July, Cairns, Queensland, Australia. (Notes provided in workshop booklet).

**Whittington, I. D.** (2011). Attachment of eggs to fish by monogeneans (Platyhelminthes): a common strategy or related to quirky host behaviour? *2011 Australian Society for Parasitology Annual Conference*, 10–13<sup>th</sup> July, Pullman Reef Casino Hotel, Cairns, Queensland, Australia. (Abstract with program; presentation C7).

---

Paladini, G., Rubio-Godoy, M., Domingues, M. V., **Whittington, I. D.**, Shinn, A. P., and Bron, J. E. A beginner's guide to "flukology". *8<sup>th</sup> International Symposium of Fish Parasites*, Viña del Mar, Chile, September 26–30 2011. (Abstract with program; pages 73–74).

Invited seminar, **I. D. Whittington**, 'Parasitic worms in a watery world: simple or sly?', Discipline of Aquaculture, School of Marine and Tropical Biology, James Cook University, Townsville, Queensland (26<sup>th</sup> July, 2011).

**I. D. Whittington**, 'Marine fish parasites: using BEAST to count beasts', *The Evolution and Biodiversity Symposium*, Australian Centre of Evolutionary Biology and Biodiversity, The University of Adelaide (14<sup>th</sup> October, 2011).

Invited seminar, **I. D. Whittington**, 'Fathoming fish flukes: simple flatworms or cunning creatures?', invited guest speaker, Royal Society of South Australia, Royal Society Room, Adelaide, South Australia, 12<sup>th</sup> April, 2012.

## **6. EXTERNAL RESEARCHER PUBLICATIONS (based on SA Museum collections):**

### **ARACHNOLOGY COLLECTION:**

Cooper, S. J. B., Harvey, M. S., Saint, K. M. and Main, B. Y. (2011). Deep phylogeographic structuring of populations of the trapdoor spider *Moggridgea tingle* (Migidae) from southwestern Australia: evidence for long-term refugia within refugia. *Molecular Ecology* **20**: 3219–3236.

Crews, S. C. and Harvey, M. S. (2011). The spider family Selenopidae (Arachnida, Araneae) in Australasia and the Oriental Region. *Zookeys* **99**: 1–103.

Harvey, M. S. (2011). Two new species of *Synsphyronus* (Pseudoscorpiones: Garypidae) from southern Western Australian granite landforms. *Records of the Western Australian Museum* **26**: 11–22.

Rix, M. G. and Harvey, M. S. (2011). Australian assassins, Part I: A review of the assassin spiders (Araneae, Archaeidae) of mid-eastern Australia. *Zookeys* **123**: 1–100.

Rix, M. G. and Harvey, M. S. (2012). Phylogeny and historical biogeography of ancient assassin spiders (Araneae: Archaeidae) in the Australian mesic zone: evidence for Miocene speciation within Tertiary refugia. *Molecular Phylogenetics and Evolution* **62**: 375–396.

Rix, M. G. and Harvey, M. S. (2012). Australian Assassins, Part II: A review of the new assassin spider genus *Zephyrarchaea* (Araneae, Archaeidae) from southern Australia *ZooKeys* **191**: 1–62.

Shaw, M. D. (2011). Laelapidae (Acari: Mesostigmata) on megachiropteran bats: new records and a new species of *Neolaelaps* Hirst. *Zootaxa* **2807**: 41–56.

Shaw, M.D. (accepted). Re-evaluation of *Pseudoparasitus* (*Gymnolaelaps*) *annectans* (Womersley): a new genus and two new species (Acari: Mesostigmata: Laelapidae). *Zootaxa*.

---

Seeman, O. D. (2012). Diplogyniidae (Acari: Mesostigmata) associated with Panesthia cockroaches (Blattodea: Blaberidae). *Zootaxa* **3163**: 33–53.

Seeman, O. D. and Beard, J. J. (2011). Identification of exotic pest and Australian native and naturalised species of *Tetranychus* (Acari: Tetranychidae). *Zootaxa* **2961**: 1–72.

Seeman, O. D. and Palmer, C. M. (2011). Parasitism of *Apteropanorpa tasmanica* Carpenter (Mecoptera: Apteropanorpidae) by larval *Leptus agrotis* Southcott (Acari: Erythraeidae) and *Willungella rufusanus* sp. nov. (Acari: Microtrombidiidae). *Zootaxa* **2925**: 19–32.

## **ARCHIVES:**

Elsevier (2011.) *Understanding Pathophysiology*, AA338 Tindale Collection, South Australian Museum Archives.

CDU Press (2011). *Brass Discs, Dog Tags and Finger Scanners*, AA96 Foelsche Collection, South Australian Museum Archives.

Cyclops Press (2011). *Saltwater People of the Broken Bays*, AA338 Tindale Collection, South Australian Museum.

Penguin Books (2011). *Running the Show: Governors of the British Empire*, AA96 Foelsche Collection, South Australian Museum Archives.

ANU ePress (2011). *Laws Anthropology: From Ethnography to expert Testimony in Native Title*, AA338 Tindale Collection, South Australian Museum Archives.

Art Gallery of South Australia (2012). ‘*South Australian Illustrated*’, AA8 Angas Collection, AA8 Angas Collection, AA103 Fristom Collection, AA280 Schrader Collection, South Australian Museum Archives.

CSIRO Publishing (2012). *History of Ichthyology to 1930*, AA298 South Australian Museum Collection and AA356 Waite Collection, South Australian Museum Archives.

Allen and Unwin (2012). *The Many Worlds of RH Mathews: In search of An Australian Anthropologist*, AA338 Tindale Collection, South Australian Museum Archives.

Ashgate (2012). *The Postcolonial Eye* AA346 BAR Collection, South Australian Museum Archives.

Jennifer Issac, *Tiwi Art, Culture and history*, reproducing 11 artworks.

## **ENTOMOLOGY:**

Baehr, M. (2011). The genus *Pentagonica* Schmidt-Goebel in the Oriental, Papuan, and Australian regions (Coleoptera, Carabidae, Pentagoncini). *Coleoptera* **15**:1–200.

Batley, M. and Houston, T. F. (2012). Revision of the Australian bee genus *Trichocolletes* Cockerell (Hymenoptera: Colletidae: Paracolletini). *Records of the Australian Museum* **64**:1–50.

---

Bulirsch, P. (2011). A taxonomic revision of the Australian genus *Setodyschirius* with description of six new species (Coleoptera: Carabidae: Scaritinae). *Acta Entomologica Musei Nationalis Pragae* **51**: 55–81.

Grund, R. (2011). A new species of *Synemon* Doubleday (Lepidoptera: Castniidae) from the Colona Plains, South Australia. *Australian Entomologist* **38**: 167–178.

Menard, K. L. and Schuh, R. T. (2011). Revision of Leucophoropterini: Diagnoses, key to genera, description of the Australian fauna, and descriptions of new Indo-Pacific genera and species (Insecta: Hemiptera: Miridae). *Bulletin of the American Museum of Natural History* **361**: 1–159.

Namyatova, A. A., Elias, M. and Cassis, G. (2011). A new genus and two new species of Orthotylinae (Hemiptera: Heteroptera: Miridae) from central Australia. *Zootaxa* **2927**: 38–48.

Pulawski, W. J. (2012). A review of the genus *Larrison* Menke, 1967, and description of the new genus *Larissa* (Hymenoptera, Crabronidae). *Journal of Hymenoptera Research* **25**: 35–82.

Schuh, R. T. and Menard, K. (2011). Santalalean-feeding plant bugs: ten new species in the genus *Hypeloecus* Reuter from Australia and South Africa (Heteroptera: Miridae: Phyllinae): their hosts and placement in the Pilophorini. *Australian Journal of Entomology* **50**: 365–392.

Tomaszewska, W. and Ślipiński, A. (2011). Revision of the genus *Rodatus* Mulsant, 1850 (Coleoptera: Coccinellidae: Coccidulini). *Annales Zoologici (Warszawa)* **61**: 657–684.

Turco, F., Ślipiński, A. and Lanmkin, C. L. (2012). Taxonomic revision of Australian *Pristoderus* Hope (Coleoptera, Zopheridae). *Zootaxa* **3239**: 1–34.

#### **EVOLUTIONARY BIOLOGY UNIT:**

Bourne, C. (2011). Social behaviour in the desert skink, *Liopholis inornata*. Unpublished Bachelor of Environmental Science Honours thesis, University of South Australia (cosupervised by **Greg Johnston**).

Burridge, C. P. McDowall, R. M., Craw, D., Wilson, M. V. H., and Waters, J. M. (2011). Marine dispersal as a pre-requisite for Gondwanan vicariance among elements of the galaxiid fish fauna. *Journal of Biogeography* **39**: 306–321.

Chapple, D. G., Hoskin, C. J. Chapple, S. N. J., and Thompson, M. B. (2011). Phylogeographic divergence in the widespread delicate skink (*Lampropholis delicata*) corresponds to dry habitat barriers in eastern Australia. *BMC Evolutionary Biology* **11**:191.

Davis, A. M., Unmack, P. J., Pusey, B. J., Johnson, J. B., and Pearson, R. G. (2012). Marine–freshwater transitions are associated with the evolution of dietary diversification in terapontid grunters (Teleostei: Terapontidae). *Journal of Evolutionary Biology* **25**: 1163–1179.

---

Hamidy, A., Matsui, M., Shimada, T., Nishikawa, K., Yambun, P., Sudin, A., Kusri, M. D., and Kurniati, H. (2011). Morphological and genetic discordance in two species of Bornean *Leptobrachium* (Amphibia, Anura, Megophryidae). *Molecular Phylogenetics and Evolution* **61**: 904–913.

Heinicke, M. P., Greenbaum, E., Jackman, T. R., and Bauer, A. M. (2011). Phylogeny of a trans-Wallacean radiation (Squamata, Gekkonidae, *Gehyra*) supports a single early colonization of Australia. *Zoologica Scripta* **40**: 584–602.

McLean, A. J., Toon, A., Schmidt, D. J., Joseph, L., and Hughes, J. M. (2012). Speciation in chestnut-shouldered fairy-wrens (*Malurus* spp.) and rapid phenotypic divergence in variegated fairy-wrens (*Malurus lamberti*): A multilocus approach. *Molecular Phylogenetics and Evolution* **63**: 668–678.

Oliver, P. M., Bauer, A. M., Greenbaum, E., Jackman, T., and Hobbie, T. (2012). Molecular phylogenetics of the arboreal Australian gecko genus *Oedura* Gray 1842 (Gekkota: Diplodactylidae): Another plesiomorphic grade? *Molecular Phylogenetics and Evolution* **63**: 255–264.

Oza, A. U., Lovett, K. E., Williams, S. E., and Moritz, C. (2012). Recent speciation and limited phylogeographic structure in *Mixophyes* frogs from the Australian Wet Tropics. *Molecular Phylogenetics and Evolution* **62**: 407–413.

Pearson, Sarah (2011). Population genetic structure of a social lizard: the influences of habitat patchiness and social structure. unpublished Bachelor of Biodiversity and Conservation Honours thesis, Flinders University (cosupervised by **Greg Johnston**).

Pepper, M., Ho, S. Y. W., Fujita, M. K., and Keogh, S. J. (2011). The genetic legacy of aridification: Climate cycling fostered lizard diversification in Australian montane refugia and left low-lying deserts genetically depauperate. *Molecular Phylogenetics and Evolution* **61**: 750–759.

Ruedi, M., Biswas, J., and Csorba, G. (2012). Bats from the wet: two new species of Tube-nosed bats (Chiroptera: Vespertilionidae) from Meghalaya, India. *Revue Suisse de Zoologie* **119**: 111–135.

Smith, A., Gardner, M., Bull, C., and Driscoll, D. (2011). Primers for novel microsatellite markers in “fire-specialist” lizards (*Amphibolurus norrisi*, *Ctenotus atlas* and *Nephrurus stellatus*) and their performance across multiple populations. *Conservation Genetics Resources* **3**: 345–350.

Ukuwela, K. D. B., Sanders, K. L. and Fry, B. G. (2012). *Hydrophis donaldi* (Elapidae, Hydrophiinae), a highly distinctive new species of sea snake from northern Australia. *Zootaxa* **3201**: 45–57

#### **FOREIGN ETHNOLOGY:**

Fyfe, A. and Bolton, J. (2011). An Analysis of Arrow and String Bag Craft Variability in the Upper Sepik and Central New Guinea. *Oceania* **81**: 259–279.

---

Fyfe, A. (2012). Supplement to 'String Bag Patterns and Colour Dyes...' Uploaded to USCNGP website 22 June 2012

#### **MAMMALS:**

Hocking, D. (2011). 'The case for filter feeding in the Antarctic leopard seal (*Hydrurga leptonyx*) and its implications for the palaeoecology of fossil mysticetes.' Honours Thesis, Monash University.

Based on SAM data:

Haby N. (2012) 'Resources, Data Resolution and Small Mammal Range Dynamics' PhD Thesis, Adelaide University.

Waudby, H. P. and Petit, S. (2012). Responses to a survey question on the distribution of western pygmy-possums (*Cercartetus concinnus*) on Yorke Peninsula, South Australia. *Australian Mammalogy* **34**: 83–87.

#### **MARINE INVERTEBRATES:**

Ameziane, N. and Roux, M. (2011). Stalked Crinoids from Tasmania Seamounts, Part 1: Hyocrinidae. *Journal of Natural History*. **45**: 137–170.

Hughes, L. E. (2011). New species of *Hoho*, *Mallacoota* and *Pareiasmopus* (Maeridae: Amphipods) from Australian waters. *Zootaxa* **2955**: 1–79.

Hughes, L. E. (2012). New and little-known Podoceridae (Peracarida: Amphipoda) of southern Australia. *Records of the Australian Museum* **64**(1): 71–120.

Brenzinger, B., Wilson, N. G., and Schrödl, M. (2011). 3D Microanatomy of a gastropod "worm", *Rhodope Rousei* n. sp. (Heterobranchia) from Southern Australia. *Journal of Molluscan Studies* **77**: 375–387.

Lowry, J. K. and Stoddart, H. E. (2011). The tryphosine genera *Photosella* gen. nov. and *Tryphosella* Bonnier, 1893 (Crustacea: Amphipoda: Lysianassoidea: Lysianassidae: Tryphosinae) in Australian waters. *Zootaxa* **2956**: 1–76.

Lowry, J. K. and Stoddart, H. E. (2012). Australian and South African conicostomatine amphipods (Amphipoda: Lysianassoidea: Lysianassidae: Conicostomatinae subfam. nov.). *Zootaxa* **3248**: 43–65.

Mackenzie, M. and Whitfield, E. (2011). An overview of the Australian psolid sea cucumbers (Echinodermata: Holothuroidea: Psolidae) with the description of 5 new species. *Zootaxa* **3037**: 21–36.

O'Loughlin, P. M., Barmos, S., and VandenSpiegel, D. (2011). The paracaudinid sea cucumbers of Australia and New Zealand (Echinodermata: Holothuroidea: Molpadida: Caudinidae). *Memoirs of Museum Victoria* **68**: 37–65.

---

## PARASITOLOGY:

Borland, D., Coulson, G., and Beveridge, I. (2012). Oral necrobacillosis ("lumpy jaw") in a free ranging population of eastern grey kangaroos (*Macropus giganteus*) in Victoria. *Australian Mammalogy* **34**: 29–35.

Chilton, N. B., Huby-Chilton, F., Beveridge, I., Smales, L. R., Gasser, R. B., and Andrews, R. H. (2011). , Phylogenetic relationships of species within the tribe Labiostrongylinea (Nematoda: Cloacinidae) from Australian marsupials based on ribosomal DNA spacer sequence data. *Parasitology International* **60**: 381–387.

Deveney, M. R. and Whittington, I. D. (2011). Revision of *Dioncopsseudobenedenia* Yamaguti, 1965 including the description of *D. ancoralis* sp. n. (Monogenea: Capsalidae) from Pacific acanthuroid teleosts. *Folia Parasitologica* **58**: 257–272.

Hardman, L. M., Haukisalmi, V., and Beveridge, I. (2012). Phylogenetic relationships of the anoplocephaline cestodes of Australasian marsupials and resurrection of the genus *Wallabicestus* Schmidt, 1975. *Systematic Parasitology* **82**: 49–63.

Jabbar, A., Khoun, A. T. W., Hui, T. X., Schaeffner, B. C., Jex, A. R., Nolan, M. J., Lopata, A., Gasser, R. B., and Beveridge, I. (2012). Mutation scanning-based analysis of anisakid larvae from *Sillago flindersi* from Bass Strait. *Electrophoresis* **22**: 499–505.

Kearn, G. C., Whittington, I. D., and Evans-Gowing, R. (2011). Spermatophores in *Dermoprists cairae* Whittington et Kearn, 2011 (Monogenea, Microbothriidae). *Acta Parasitologica* **56**: 371–376.

Owen, I. L. (2011). Parasites of animals in Papua New Guinea recorded at the National Veterinary Laboratory: a catalogue, historical review and zoogeographical affiliations. *Zootaxa* **3143**: 1–163.

Paladini, G., Huyse, T., and Shinn, A. P. (2011). *Gyrodactylus salinae* n. sp. (Platyhelminthes: Monogenea) infecting the south European toothcarp *Aphanius fasciatus* (Valenciennes) (Teleostei, Cyprinodontidae) from a hypersaline environment in Italy". *Parasites and Vectors* **4**: 100 (12 pp.)

Portes Santos, C., Santos, A. L., Cunha, R., and Chisholm, L. A. (2012). A new species of *Heterocotyle* Scott, 1904 (Monogenea: Monocotylidae) from the gills of *Dasyatis guttata* (Dasyatidae) in southwestern Atlantic waters off Rio de Janeiro, Brazil. *Systematic Parasitology* **8**: 65–70.

Schaeffner, B. C., Gasser, R. B., and Beveridge, I. (2011). *Ancipirhynchus afossalis* n. g., n. sp. (Trypanorhyncha: Obothriidae), from two species of sharks off Indonesian and Malaysian Borneo. *Systematic Parasitology* **80**: 1–15.

Schaeffner, B. C. and Beveridge, I. (2012). Description of a new trypanorhynch species (Cestoda) from Indonesian Borneo, with the suppression of *Oncomegoides* and the erection of a new genus *Hispidorhynchus*. *Journal of Parasitology* **90**: 408–414.



---

Schelkle, B., Paladini, G., Shinn, A. P., King, S., Johnson, M., van Oosterhout, C., Mohammed, R. S., and Cable, J. (2011). *Ieredactylus rivuli* gen. et sp. nov. (Monogenea, Gyrodactylidae) from *Rivulus hartii* (Cyprinodontiformes, Rivulidae) in Trinidad. *Folia Parasitologica* **56**: 360–370.

Tan, N., Chilton, N. B., Huby-Chilton, F., Jex, A. R. Gasser, R. B., and Beveridge, I. (2012). Molecular evidence for a cryptic species within the nematode *Macropoema comani* (Strongyloidea: Cloacininae). *Molecular and Cellular Probes* **26**: 170–174.

Vaughan, D. B. and Chisholm, L. A. (2011). Amendment of *Pseudoleptobothrium* Young, 1967 (Monogenea, Microbothriidae) with the description of *Pseudoleptobothrium christisoni* sp. nov. from the dermal denticles of *Rhinobatos annulatus* (Rhinobatidae) off the southern tip of Africa. *Acta Parasitologica* **56**: 280–289.

Weaver, H. J. and Smales, L. R. (in press). *Filiformis filiformis* n. sp. (Echinorhynchidae: Cavisomidae), a new species of Acanthocephala from *Kyphosus* spp (Perciformes: Kyphosidae) from the South Pacific. *Comparative Parasitology*

Weaver, H. J. and Smales, L. R. (2012). Parasite assemblages of Australian species *Pseudomys* (Rodentia: Muridae: Murinae) *Journal of Parasitology* **98**: 30–35.

Whittington, I. D. and Deveney, M. R. (2011). New *Benedenia* species (Monogenea: Capsalidae) from *Diagramma labiosum* (Perciformes: Haemulidae) from the Great Barrier Reef, Australia, oncomiracidial descriptions and a report of egg attachment to the host. *Journal of Parasitology* **97**: 1026–1034.

Whittington, I. D. and Kearn, G. C. (2011). A new species of *Dermopristis* Kearn, Whittington and Evans-Gowing, 2010 (Monogenea: Microbothriidae), with observations on associations between the gut diverticula and reproductive system and on the presence of denticles in the nasal fossae of the host *Glaucostegus typus* (Bennett) (Elasmobranchii: Rhinobatidae). *Systematic Parasitology* **80**: 41–51.

|                             |
|-----------------------------|
| <b>7. ANY OTHER EVENTS:</b> |
|-----------------------------|

**MARK ADAMS:**

Key contributor to the “National Handbook for Identification of Fruit Flies”, an initiative of Plant Health Australia to correct a significant deficiency in what is regarded as a significant biosecurity issue by the Federal Department of Agriculture, Fisheries, and Forestry.

Re-appointed as Affiliate Senior Lecturer in the Department of Earth and Environmental Sciences at the University of Adelaide.

Re-appointed as Research Associate of the Department of Terrestrial Zoology at the Western Australian Museum.

**KIM AKERMAN:**

Completed a review of the Benedictine Community of New Norcia collection of Kimberley Indigenous material culture.

**ARCHIVES:****Research Requests**

- 100 Native Title, exhibitions, research and publication requests
- 170 Family Histories
- 10 Community Request, (repatriation, workshops)

**Archival material exhibited**

- *Images of the Interior*
  - May 2011
  - South Australian Museum
- *Gallop Major*
  - April 2012
  - South Australian Museum.
- *South Australian Illustrated*
  - May 2012
  - Art Gallery of South Australia
- *The Peculiar Nature of the Language Spoken*
  - June 2012
  - Barr Smith Library

**Work Experience and University placements**

- 3 secondary school students
- 2 EU – Australian Border crossings people and places mobility project interns
- 2 Flinders University students

**Documentaries**

- *Who Do You Think You Are?* Series 4 Michael O'Loughlin.  
Aboriginal footballer Michael O'Loughlin traces the bloodlines of his family, discovering an ancestor who was the first to be granted land in the newly formed colony of South Australia. As political agenda's changed, an inter-generational fight for the right to land ensued.  
Michael also investigates a family legend that connects him to Australia's fifty dollar bill and discovers a life-changing ancestor, who was one of the last tribal Aboriginals from the Coorong and Lake regions to move onto the mission. Working alongside Australia's foremost anthropologist, Norman Tindale, his legacy was to preserve the memory of a disintegrating culture.
- *For Love of Country*  
'Stories of service and sacrifice by Aboriginal people from South Australia within the Australian Armed Forces'. Produced by Reconciliation South Australia Inc.
- First Footprints' production, Liz McNiven, along the lines of First Australians but pre

contact. Still in production phase.

### **Program**

Working with AITEC, which is a private organisation contracted by Government to retain Aboriginal students in schools. Currently working on a pilot study with Adelaide High School.

### **Intellectual Property**

Contributed to discussions on intellectual property issues relevant to ATSI people, in particular traditional knowledge and traditional cultural expression. Facilitated by the Australian Government IP Australia in cooperation with Attorney-General's Department and the Office for the Arts.

### **University of Adelaide Dental School scanning project**

Scanning of missing BAR longitudinal studies at Yuendumu and Haast Bluff material. Includes data cards and genealogies.

### **Valuations**

Approximately 10% of the collection valued, totaling **\$16,713,965**.

### **Grants and RICP**

- Worked with Keryn on Roonka RICP project.
- Worked with Philip Jones on the ARC Gillen project.

Worked with ACAD on linkage grant proposal.

### **ANDY AUSTIN:**

*Fourth International DNA Barcoding Conference*, Nov 28–Dec 2, 2011,, Adelaide (deputy convenor, Organising Committee; member, Scientific Program Committee).

### **TERRY BERTOZZI:**

Member of the steering committee of the Bioinformatics Interest Group of South Australia (BIGSA).

### **VALERIE BOLL:**

Boll, V. and Harvey, J. (2012). *The Yolngu Seasons*. Educational bi-lingual DVD (English and Yolngu) for the Yolngu schools in North East Arnhem Land.

### **BARRY COOPER:**

Secretary General of the International Commission on the History of Geological Sciences (INHIGEO).

Convener of the Heritage Stone Task Group (HSTG) of the International Union of Geological Sciences.

Vice President of the History of Science, Technology and Ideas Group.

**STEVE COOPER:**

Member of the Organizing Committee for the *Fourth International Barcode of Life Conference*, Nov 28–Dec 2, 2011, University of Adelaide, Adelaide.

Student Kym Abrams from The University of Adelaide was awarded her PhD.

Elected President of the Society of Australian Systematic Biologists from 2012–14.

Appointed to the Australian Biological Resources Study (ABRS) Advisory committee as a member of the Research Sub-Committee from 2012-2014.

Member of the Management Committee for the Australian Centre for Evolutionary Biology and Biodiversity, The University of Adelaide.

Associate Editor for the journal *Australian Journal of Zoology*.

Member of the Flinders University/ South Australian Museum MOU working group.

18 Jun 2012: Newspaper article on research: The creatures that time forgot. by Mandy Thoo, Canberra Times, Canberra.

1<sup>st</sup> Dec. 2011: report to South Australian House of Assembly, Mr Odenwalder (Little Para).

**BARRY CRAIG:**

Assisted with organising and hosting the Annual Forum of the Oceanic Art Society at the South Australian Museum 18-20 May 2012 + three talking tours of Pacific Cultures Gallery.

**(NB. Tara Collier** did two well-received talking tours of the AACG for the OAS Forum)

21 - 25 May 2012: Assisted Dr Rod Ewins with the re-photographing of significant objects in the Museum's Fiji collections for a planned book on Fiji collections worldwide.

During 2011-12: facilitated a successful application for a Fulbright Scholarship by Dr Christopher Roberts to come to Adelaide from the United States for 6 months (commencing mid July 2012):

- a) to teach 30% of the time at the Elder Conservatorium, University of Adelaide;
- b) to produce an English language version of *Songs of the Star Mountain, Papua New Guinea*, previously published in Taiwan in Mandarin Chinese (to be published through the Institute of Papua New Guinea Studies, as an aspect of the Upper Sepik-Central New Guinea Project);
- c) to work with me to analyse sound tapes I recorded in 1972-73 and write a book on *The Songs of the Abau of Idam Valley, Papua New Guinea*.

Organising the purchase, CITES certificates and import of an ethnographic collection from the Bedamuni people of Western Province, Papua New Guinea, made by Dutch researcher, Dr Gosewijn van Beek.

Commissioned and received, through researcher Nancy Sullivan, 16 paintings on paper from Penale men of the Upper Arafundi River, East Sepik Province, Papua New Guinea.

24 April 2012: Provided a consultancy report (received Aust \$1943 FFS) on the anthropology (and natural history collections) from the Hindenburg Range of Papua New Guinea for the Wildlife Conservation Society in Papua New Guinea.

**STEVE DONNELLAN:**

Member Management Committee, Australian Centre for Evolutionary Biology and Biodiversity (ACEBB), University of Adelaide.

South Australian Museum representative on the Council of Australian Faunal Collections (CHAFC).

CHAFC representative on the Council of Australian Biological Collections (CABC).

**RALPH FOSTER:**

Involved in producing the *Catalogue of South Australian Fishes*.

**JIM GEHLING:**

Interviewed by ABC Regional Radio, Western Australia: “Protection of dinosaur trackways in the Kimberley Broom region”, 19 September, 2011.

Interview on ABC TV: “South Australia Report”: on the Parachilna township interpretive project for National Heritage Listed Ediacara Fossil Site at Nilpena: 28 October, 2011.  
<http://www.abc.net.au/news/2011-10-28/fossils-put-town-on-the-map/3607508> ).

Research featured in *Sexual Evolution* COSMOS pp. 75-81 (2011) by John Long. Article on the fossil evidence from Ediacara fossil site at Nilpena for earliest evidence of sexual reproduction.

Filmed for ABC TV Documentary: *Australia: The Time Traveller's Guide - The Early Days*. 57 mins., 7:30pm, Sunday 25 March 2012.

Filmed At Ediacara Conservation Park and Flinders Ranges National Park for documentary on the life of Reg Sprigg-The Ediacaran Man. By Ediacara Productions: May 16-18, 2012.

Interview on radio: ABC North and West, about *Inspiring Australia Grant* for training geological interpreters in the Flinders Ranges; 14 June, 2012.

Filmed for “Voyage of the Continents — Oceania: The Tectonic Ring of Fire” on Ediacara Fossils an origins of the Flinders Ranges by Arte France; 22 June 2012.

**LISA-ANN GERSHWIN:**

Member of the St John Medical Advisory Panel, a national peak body in public safety and first-aid.

**GREG JOHNSTON:**

20/6/2012: ABC Riverland radio interview on monitoring and tracking Australian Pelicans.

Australian representative on the International Ethologist's Council

(<http://www.ethologycouncil.org/>)

Member, Pelican Specialist Group, Species Survival Commission of the International Union for the Conservation of Nature.

Member of Property Management Committee and Education and Projects Committee, Nature Foundation of South Australia.

Member, Editorial Advisory Board, Open Journal of Ornithology

<http://www.benthamscience.com/open/tooenij/index.htm>

Committee member of the Australasian Society for the Study of Animal Behaviour.

**PHILIP JONES:**

Launch of Museum website: 'Australia's Muslim Cameleers', 5 August 2011, designed and assembled with Chris Nobbs. [www.cameleers.net](http://www.cameleers.net)

**CATHERINE KEMPER:**

22 July 2012 - BBC filmed at Bolivar with the possibility of including the marine mammal research we do in future documentary on 'unusual events', in this case relating to cetacean strandings.

5 August 2012 – ABC Radio interview regarding dolphins and giant cuttlefish in northern Spencer Gulf.

8 November 2012 – ABC Behind the News interview.

15 March 2012 - ABC Radio, Port Lincoln interview regarding beaked whale sightings in Great Australian Bight.

April 2012 - Documentary on Nullarbor Survey filmed during survey for Mount Lofty Natural Resources Management Board.

1 May 2012 – South Australian Whale Centre, workshop on identifying cetaceans in SA.

**RACHAEL KING:**

Guest blogger on the Australian Centre for Evolutionary Biology and Biodiversity website for Biodiversity week (15 September 2011): <http://blog.theenvironmentinstitute.com/>

**PETER D. KRUSE:**

Voting member of Cambrian Stage Subdivision Working Group of International Union of Geological Sciences since 2004.

**ROBERT LAVIGNE:**

Initiated a DNA study of the genus *Cerdistus* and related genera (Insecta: Diptera: Asilidae) in collaboration with Dr. Mark Stevens, Entomology, South Australian Museum and Dr. Erica McAlister, Entomology, Museum of Natural History, London.

**THIERRY LAPEROUSAZ:**

7 July 2011: Talk about South Australian Marine Life to “Adelaide Reef Project”.  
Biodiversity Gallery Entrance SAM FOH.

4<sup>th</sup> and 5<sup>th</sup> August 2011: Attended 2 days conference “Australian Bioprospecting Forum” at Flinders University.

24<sup>th</sup> to 26<sup>th</sup> August 2011: Museum Road Show “*Out of the Glass Case*” to Burra, Peterborough and Gladstone. Presentation and “show and tell” using collection specimens, of Marine Invertebrates in Southern Australian waters.

15<sup>th</sup> to 17<sup>th</sup> February 2012: Museum Road Show “*Out of the Glass Case*” to Port Lincoln. Presentation and “show and tell” using collection specimens, of Marine Invertebrates in Southern Australian waters.

31 May 2012: Museum Road Show “*Out of the Glass Case*” at the Magill Training Centre Adelaide. Presentation and “show and tell” using collection specimens, of Marine Invertebrates in Southern Australian waters.

5<sup>th</sup> June 2012. Environment Day at the Adelaide Botanic Garden. Presentation and Talk about research collaboration between the South Australian Research Institute (SARDI) and the South Australian Museum. “Under water sponges garden and deep sea exploration of the Great Australian Bight”.

**REMKO LEIJS:**

Produced 26 consultancy reports on fauna surveys and molecular biodiversity assessments for 7 different organisations.

**GRAHAM MEDLIN:**

Monday, 15-08-2011 to Tuesday 16-08-2011 during **Science Week**: Together with Subfossil volunteers Ron Simms and Marjorie Jones, manned a display demonstrating Barn Owl pellet dissection and bone sorting for visitors to Science Week.

Saturday, 24/03/2012 to Sunday, 01/04/2012 participated in **Palaeontology Week** with the help of Subfossil volunteers, Ron Simms, Marjorie Jones, Jessie Treloar and Myra Starick demonstrating Barn Owl pellet dissection and sorting of bones from old owl roosts.

**MARK PHARAOH:**

31/07/11: led tour group of Field Geologist Club members on a Polar Tour of Adelaide.

29/09/11-08/10/11: Member of the Waterhouse Club's Camel Trip around Arkaroola in a 'Mawson's Footsteps' event.

**PETER SHAUGHNESSY:**

23 May 2012. Interview on ABC TV evening news in Adelaide, about the proposal of SA Department of Environment and Natural Resources to extend tours at the Australian sea lion colony at Seal Bay into a prohibited area.

21 February 2012. Interview on ABC TV evening news in Adelaide, about the increasing population size of New Zealand fur seals in South Australia.

March 2012. Updated a spreadsheet containing information on sites used in SA by Australian sea lions, for SA Department of Environment and Natural Resources.

June 2012. Updated a spreadsheet containing information on sites used in SA by New Zealand fur seals, for SA Department of Environment and Natural Resources.

**SCORESBY SHEPHERD:**

Member of Scientific Working Group advising the Minister of Environment and Heritage on Marine Protected Areas to (2003–present).

Engaged in writing book on temperate Australian marine life, to be published by CSIRO in 2013.

**DAVID STEMMER:**

18/08/2011 Science Week – Back to Front: Registration of survey specimens, seal skull re-assembly and bone numbering in foyer of Front of House, while interacting with interested members of the public.

15-16/09/2012: Stemmer, D. and Kemper, C. Flinders University Marine mammal course at Bolivar, tour through preparation facility, assist with dissections and bone tutorial.

21/10/2012: Stemmer, D., Horton, P., and Donnellan, S. Behind Scenes Tour through the collections for the Strathalbyn Natural History Club, with special reference to specimens collected by John Eckert.

30/01/2012 – 8/02/2012: Stemmer, D. Travel through Scotland (UK) and France to visit various Museums and participate at the Round Table on the Degreasing of Skeletons in Nantes, France.

31/01/2012 – 3/02/2012: Stemmer, D. Visit of National Museums, Scotland. Tours through the recently redeveloped exhibition spaces, mammal collection and preparation facility, including 2 days of work experience with their preparators.



4 – 6/02/2012: Stemmer, D. Visit of the Natural History Museum, Paris. Tours through preparation facility and mammal collection, including examination of an *Arctocephalus pusillus doriferus* skull for a review of this species.

**MARK STEVENS:**

Nov/Dec 2011: Convenor for Polar Life symposium, 4<sup>th</sup> *International Barcoding of Life Conference*, Adelaide.

Nov/Dec 2011: Member, Local Organising Committee, 4<sup>th</sup> *International Barcoding of Life Conference*, Adelaide.

April 2012: Invited departmental seminar. Institute for Applied Ecology, University of Canberra. *The limits of life: multidisciplinary insight into constraints on biotic diversity in continental Antarctica*.

April 2012: Ms Pelin Kayaalp completed PhD, Flinders University. I was co-supervisor.

Jan 2012: Research profile featured in the South Australian Museum Guides Newsletter, article edited by Daniel Fazio.

**PETER SUTTON:**

ABC TV program *Lateline*, background interview with John Stewart 27/07/11 re: Toomelah and Boggabilla.

Interviewed by Peter Michael, *The Courier Mail*, regarding Cairns Indigenous Art Fair 2011, 17/8/11.

Interviewed by Sarah Martin, *The Advertiser Weekend Magazine*, re APY lands 30<sup>th</sup> anniversary, 02/11/11; story appeared 12/11/11.

**MIKE TYLER:**

Appointed Curator Emeritus to South Australian Museum – January 2012.

Provided technical advice to a group of Waterhouse members visiting the Kimberley.

Attended workshops at Innamincka and Milang.

Examined abnormal frogs found at Roxby Downs.

Acted as consultant to AQIS identifying stowaway frogs found in produce.

**IAN WHITTINGTON:**

Member of the Marine Innovations South Australia (MISA) Advisory Committee (to April 2012) that reports to the MISA Steering Committee on the activities of the marine science community in South Australia to coordinate research across the tertiary institutions, the South

Australian Museum and SARDI.

Invited presenter at *Aquatic Parasitology Workshop: Detection and Diagnosis* sponsored by the Australian Society for Parasitology Inc. and the Fisheries Research and Development Corporation, held at the Cairns Campus of James Cook University, 10<sup>th</sup> July, Cairns, Queensland, Australia. Ian Whittington was 1 of 11 invited presenters. The 1-day workshop was attended by 40 delegates who also attended a practical session where several species of fish were dissected to learn more about aquatic parasites.

Chaired a scientific session at the 2011 Australian Society for Parasitology Inc. Annual Conference, 10–13<sup>th</sup> July, Pullman Reef Casino Hotel, Cairns, Queensland, Australia.

Helped to develop, and played a role in, a ‘movie trailer’ video posted to YouTube (<http://www.youtube.com/watch?v=Uyfeouc-Np0>) that was used to preface a presentation at the *8th International Symposium on Fish Parasites* held in Viña del Mar, Chile, 26–30 September 2011 and allied to a paper presented there Paladini G. *et al*: A beginner’s guide to “flukology”.

Member of Network for Aquatic Animal Health in South Australia, a group established in August 2011 to promote information exchange, a forum for topical discussions and an expert panel for policy direction. Bimonthly meetings held in August, October and December 2011.

Museum scientist involved in ‘Be a Beach Comber’ event during Science Week 2011, South Australian Museum, 17<sup>th</sup> August 2011

Presentation and participation in the National Postgraduate Training Workshop in Systematics. 25-30 September 2011 at The University of Adelaide to 30 postgraduate students from tertiary institutions around Australia.

Member of a selection panel at the University of Adelaide to short-list and interview candidates for two fixed-term 3-year research positions in Marine Ecology in the Southern Seas Ecology Laboratories, July 2011.

Identifications of parasites and expert advice in reports to Biosecurity Queensland, Department of Employment, Economic Development and Innovation, Queensland, Australia for the Gladstone Harbour Fish Health investigations for the Queensland Government. October and December 2011.

Member of two Museum selection panels to short-list and interview candidates for two fixed-term, 18-month positions: Project Coordinator – Entomology and Project Digitisation Officer – Entomology in June 2012.

#### **4. STAFF LIST**

**1 July 2011 to 30 June 2012**

##### **DIRECTORATE**

##### **DIRECTOR**

S. Miller, BSc (Hons), PhD, FGS, F Min Soc, FAIMM, FAGS

##### **CORPORATE OPERATIONS**

HEAD OF CORPORATE OPERATIONS

S.Clark, BSc(Hons), BSoc Ad, M Pol Man

MANAGER OF SCIENCE BUSINESS

L. Strefford

ADMIN. COORDINATOR

D. Churches

IT NETWORK and SYSTEMS  
MANAGER

P. Carter, CertIV IT CS; CertIV IT NM;  
Dip IT N

HELPDESK OFFICER

T. Cheng, As. Dip. Bus (Computer  
Programming)

WORKPLACE SAFETY AND  
BUILDING SERVICES MANAGER

B. Collett, Dip. Man

MUSEUM SERVICES OFFICERS

S. Perkins

S.Ross

##### **ADMINISTRATION**

EXECUTIVE OFFICER

K. Ross, Dip Bus Marketing

DIRECTORATE ADMINISTRATIVE  
ASSISTANT

L. Boyle

##### **BUSINESS AND FINANCE**

HEAD OF BUSINESS AND FINANCE

M. O'Brien (resigned May 2011)

ADMINISTRATION OFFICER

N. Mladenovic

##### **DEVELOPMENT**

HEAD OF DEVELOPMENT

J. Parsons, BA (Hons), MA (Museum  
Studies)

BRAND AND DIGITAL STRATEGY  
MANAGER

A. Hua, BA (Journalism), MA (Marketing)

MARKETING MANAGER

C. Savage, BA (Hons), Gd Dip Journalism

SENIOR DESIGNER

C. Midson, BA

VENUE COORDINATOR

A. Ferrari

PUBLICIST

Parry, B (Journalism) BA (International  
Studies)

##### **PUBLIC PROGRAMS**

HEAD OF PUBLIC PROGRAMS

M. Judd, BSc, Grad Dip T

PUBLIC PROGRAMS COORDINATOR  
– EXECUTIVE

E. Thomson, BSc

## **COMMUNITY ENGAGEMENT SECTION**

### **MANAGER, COMMUNITY ENGAGEMENT**

L. Underwood, BT, B Edu

S. Morris, Dip T

### **PUBLIC PROGRAMS COORDINATOR – COMMUNITY ENGAGEMENT**

K. Tucker (on maternity leave from May 2011 – current, backfilled by L. Mann)

## **INFORMATION CENTRE**

### **SUPERVISOR, DISCOVERY CENTRE**

M. Gemmell

### **INFORMATION OFFICERS**

L. Builth Dip Nat Res Management

J. Smith BSc (Hon)

### **SCHOOL HOLIDAY PROGRAM ASSISTANTS**

T. Finch (employed as a casual staff member for 'Tell me a Story' throughout 2011 and 2012)

N. Schroeder (finished April 2012)

D. Sataneek ( finished April 2012)

J. Toyoma (finished April 2012)

B. Carter (finished April 2012)

## **SPECIAL EXHIBITIONS SECTION**

### **MANAGER, TEMPORARY AND TRAVELING EXHIBITIONS**

T. Gilchrist, BA, Grad Dip Comm (PR)

### **PUBLIC PROGRAMS COORDINATOR – EXHIBITIONS**

A. Guy , BA Aboriginal Studies

## **EDUCATION SECTION**

### **EDUCATION OFFICERS**

S. Langsford, BSc, Grad Dip T, Grad Dip Ed Admin (DECD Secondment)

C. Nobbs, Adv Dip T (DECD Secondment)

### **EDUCATION SUPPORT OFFICER**

C. Pietrantonio (maternity leave from 16 April 2012)

## **DEVELOPMENT and DESIGN SECTION**

### **MANAGER, DEVELOPMENT and DESIGN**

D. Kerr, B Ed (Hons), BA

### **SENIOR EXHIBITION OFFICER**

I.R. Maidment, BA, Dip T (Art) (Retired March 2012)

### **MUSEUM SERVICES OFFICER**

G. Parnell

### **SUPERVISOR 3D DESIGN**

J. Bain

### **EXHIBITIONS ASSISTANTS**

R. Hartman-Kearns, BA Vis Arts (Hons) (finished March 2012)

R. Moore, Ad Dip Applied and Vis Arts (finished March 2012)

K. Kenny (Started August 2012 (Started August 2011, finished December 2011)

## **MULTIMEDIA SECTION**

### **MANAGER, MULTIMEDIA**

T. Peters, BA Fine Art

## **SCIENCE**

### **ADMINISTRATION**

#### HEAD OF SCIENCE

Prof. R. Hill, BSc (Hons), PhD, D Sc, FAI  
Biol, FLS

#### MANAGER SCIENCE

##### ADMINISTRATION

L. Strefford

#### SENIOR ADMINISTRATIVE OFFICER

D. Churches

#### HEAD OF COLLECTIONS

R. Morris, BA (Hons), M Soc Sci

### **ALA DIGITISATION PROJECT**

A. Tindall

### **INFORMATION MANAGEMENT SECTION**

#### MANAGER INFORMATION SERVICES

F. Zilio, B A, MIMS

#### LIBRARY SERVICES OFFICER

J. Evans

#### ARCHIVES COLLECTION MANAGER

L. Gardam (Part-time)

M. Filsell (Part time)

H. Hopper (Resigned 2/10/11)

#### FAMILY HISTORY ACCESS OFFICER

A Abdullah-Highfold

#### INFORMATION SERVICES OFFICER

S. Agius

#### ARA IRITJA PROJECT

J. Dallwitz

D. Dallwitz

### **ANTHROPOLOGY and HUMANITIES SECTION**

#### HEAD OF ANTHROPOLOGY

P. Clarke, BSc, BA, PhD (Retired October  
2011)

#### SENIOR RESEARCHER AUSTRALIAN ETHNOLOGY

P. Jones, LLB, BA (Hons), PhD

#### RESEARCHER ASSISTANTS

L. Ashmore

M. Filsell

#### SENIOR RESEARCHER FOREIGN ETHNOLOGY

B. Craig, BA (Hons), Dip Ed, M A  
(Hons), PhD

#### RESEARCHER ARCHAEOLOGY

K. Walshe, PhD

#### COLLECTION MANAGER, FOREIGN ETHNOLOGY

A. Rose, BA, Grad Dip Mus St, M A

#### ASSISTANT COLLECTION MANAGER, ANTHROPOLOGY

T. Collier (Nee Dodd)

#### COLLECTION MANAGER, HISTORY OF SCIENCE AND POLAR COLLECTIONS

M. Pharaoh

### **EARTH SCIENCES SECTION**

#### HEAD OF EARTH SCIENCES

A. Pring, BSc (Hons), PhD, FMSA, F Min  
Soc

#### SENIOR RESEARCHER

J. Brugger, BSc (Hons), PhD

M. Lee, BSc (Hons), PhD

J. Gehling, Ph D, MSc, BSc (Hons)

#### SENIOR COLLECTION MANAGER

B. McHenry, BSc (Hons), M Sc

#### COLLECTION MANAGER

M. Binnie

#### 3D IMAGING

P. Bias (deceased 31/8/11)

## RESEARCH ASSISTANTS/SCIENTISTS

D. Bautigan  
G. Qian  
F. Williams  
B. Etschmann PhD  
M. Overmeyer  
R. Popelka-Filcoff

## BIOLOGICAL SCIENCES SECTION

### HEAD OF BIOLOGICAL SCIENCES

I. Whittington, BSc (Hons), PhD

### ENTOMOLOGY

#### SENIOR RESEARCHER TERRESTRIAL INVERTEBRATES

M. Stevens, PhD

#### COLLECTION MANAGER TERRESTRIAL INVERTEBRATES

P. Hudson, PhD

#### ASSISTANT COLLECTION MANAGER ENTOMOLOGY

C. Lee

#### DATABASING PROJECT

J. Wood

### ARACHNOLOGY

#### COLLECTION MANAGER ARACHNOLOGY

L. Chisholm, BSc, M Sc, PhD (Part time)

### PARASITOLOGY

#### PRINCIPAL RESEARCHER PARASITOLOGY

I. Whittington, BSc (Hons), PhD

#### COLLECTION MANAGER

#### PARASITOLOGY

L. Chisholm, BSc, M Sc, PhD (Part time)

### MARINE INVERTEBRATES

#### RESEARCHER AQUATIC INVERTEBRATES

R. King

#### COLLECTION MANAGER MARINE INVERTEBRATES

T. Laperousaz, BSc (Hons)

#### COLLECTION MANAGER MARINE INVERTEBRATES

R. Hamilton Bruce, AIAT, ABPI, Dip  
Graph Design (Retired 28/10/11)

#### ASSISTANT COLLECTION MANAGER MARINE INVERTEBRATES

C. Lee (Part-time)

### HERPETOLOGY

#### SENIOR RESEARCHER HERPETOLOGY

M. Hutchinson, BSc (Hons), PhD

#### COLLECTION MANAGER HERPETOLOGY

C. Kovach

#### CASUAL – PYGMY BLUETONGUE

L. Shamiminoori (End date 30/6/12)

J. Schofield (End date 30/6/12)

### ICHTHYOLOGY

#### COLLECTION MANAGER ICHTHYOLOGY

R. Foster

### MAMMALOLOGY

#### SENIOR RESEARCHER MAMMALOLOGY

C. Kemper, BSc, PhD

#### COLLECTION MANAGER MAMMALOLOGY

D. Stemmer, BSc

#### RESEARCHER

T. Reardon, Cert Sc Tech

#### BOLIVAR CASUAL POOL

T. Segawa

A. Williams

## **ORNITHOLOGY**

SENIOR COLLECTION MANAGER

ORNITHOLOGY

P. Horton, BSc (Hons), PhD

COLLECTION MANAGER,

ORNITHOLOGY

M. Penck, BSc (Hons)

ASSISTANT COLLECTION MANAGER

ORNITHOLOGY

D. Churches (part time)

## **EVOLUTIONARY BIOLOGY**

HEAD OF EVOLUTIONARY BIOLOGY

/ CHIEF RESEARCHER

EVOLUTIONARY BIOLOGY

S. Donnellan, BSc (Hons), PhD

PRINCIPAL RESEARCHER,

EVOLUTIONARY BIOLOGY

S. Cooper, BSc (Hons), PhD

SENIOR RESEARCHER

EVOLUTIONARY BIOLOGY

M. Adams, BSc (Hons)

RESEARCHER EVOLUTIONARY

BIOLOGY

T. Bertozzi, BSc (Hons), PhD

T. Reardon, Cert Sc Tech

L. Wheaton

PRINCIPAL TECHNICAL OFFICER

K. Saint

TECHNICAL OFFICER

R. Foster (part-time)

EBU CASUAL POOL

K. Armstrong (End date 18/11/11)

S. Potter (End date 31/12/11)

P. Dempsey (End date 19/8/11)

Y. Konishi (End date 28/3/12)

V. Thomson (End date 30/9/12)

## **HONORARY RESEARCH**

### **ASSOCIATES**

K. Akerman (Anthropology)

K. Armstrong, BSc, PhD (Biological Sciences)

A. Austin, BSc, PhD (Biological Sciences)

S. Barker, PhD (Biological Sciences)

D. Barton, PhD (Biological Sciences)

I. Beveridge, BSc, PhD (Biological Sciences)

A. Black, PhD (Biological Sciences)

V. Boll, PhD (Anthropology)

S. Burnell, BSc (Biological Sciences)

A. Cooper, PhD (Biological Sciences)

B. Cooper, BSc, PhD (Earth Sciences)

C. Daniels, BSc, PhD (Earth Sciences)

J. Forrest, OA (Biological Sciences)

A. Fyfe, BA, PhD (Anthropology)

T. Gara (Information Services)

M.G. Gardner, BSc, PhD (Biological Sciences)

L. Gershwin, BSc, PhD (Biological Sciences)

R.V. Glatz, BSc, PhD (Biological Sciences)

P. Greenslade (Biological Sciences)

M. Halt, BSc (Hons) (Biological Sciences)

M. Hammer, BSc (Hons), PhD (Biological Sciences)

J. Jago, BSc (Hons), PhD, F Aus IMM (Earth Sciences)

R. Jenkins, BSc (Hons), PhD (Earth Sciences)

G. R. Johnston (Biological Sciences)

B. Kear, PhD (Earth Sciences)

|  |  |
|--|--|
| P. Kolesik, PhD (Biological Sciences)                          | M. Tyler, AO, MSc (Biological Sciences)                |
| P. Kruse, BSc, PhD (Earth Sciences)                            | L. Warner, BSc (Biological Sciences)                   |
| R. J. Lavigne, PhD (Biological Sciences)                       | C. Watts, BSc (Hons), PhD (Biological Sciences)        |
| R. Leijds, MSc, PhD (Biological Sciences)                      | R. Wells, BSc (Hons), PhD (Earth Sciences)             |
| A. J. McArthur, OAM, BE (Biological Sciences)                  | C. Wilson-Roberts (Mawson Collection)                  |
| C. Madden, BSc, M Env St (Biological Sciences)                 | W. Zeidler, BSc (Hons), MSc, PhD (Biological Sciences) |
| E. Matthews, BA, PhD (Biological Sciences)                     |  |
| G. Medlin, BSc, Dip T (Biological Sciences)                    |  |
| M. O'Donoghue, B Ed, Grad Dip Rel Ed, M Ed (Foreign Ethnology) |  |
| N. Pledge, BSc (Hons), M Sc (Earth Sciences)                   |  |
| G. Prideaux, BSc (Hons), PhD (Earth Sciences)                  |  |
| L. Reed, BA (Hons), PhD (Earth Sciences)                       |  |
| D. Rice (Earth Sciences)                                       |  |
| S. Richards (Biological Sciences)                              |  |
| G. Rouse, PhD (Biological Sciences)                            |  |
| M. Tyler, MSc, DSc (Biological Sciences)                       |  |
| T. Schultze-Westrum, PhD (Foreign Ethnology)                   |  |
| P. Shaughnessy, BSc (Hons), M Sc, PhD (Biological Sciences)    |  |
| S. Shepherd, BA, LIB, M Env St, PhD (Biological Sciences)      |  |
| G. Smith (Information Services)                                |  |
| M. Snow, BSc, PhD (Earth Sciences)                             |  |
| P. Sutton, BA, MA, PhD (Anthropology)                          |  |
| I. Tomo (Biological Sciences)                                  |  |



## **5. HUMAN RESOURCES**

|                |  |
|----------------|--|
| <b>Agency</b>  | <b>Arts SA – South Australian Museum</b> |
| <b>Persons</b> | 83                                       |
| <b>FTE's</b>   | 73.83                                    |

|               |                  |              |
|---------------|------------------|--------------|
| <b>Gender</b> | <b>% Persons</b> | <b>% FTE</b> |
| <b>Male</b>   | 50.6             | 53.34        |
| <b>Female</b> | 49.4             | 46.66        |

|  |           |
|--|-----------|
| <b>Number of Persons separated from the agency during the last 12 months</b> | <b>23</b> |
|--|-----------|

|  |           |
|--|-----------|
| <b>Number of Persons recruited to the agency during the 11/12 financial year</b> | <b>21</b> |
|--|-----------|

|  |          |
|--|----------|
| <b>Number of Persons recruited to the agency during the 11/12 financial year AND who were active/paid at June 2012</b> | <b>9</b> |
|--|----------|

|   |          |
|---|----------|
| <b>Number of Persons on Leave without Pay at 30 June 2012</b> | <b>1</b> |
|---|----------|

### NUMBER OF EMPLOYEES BY SALARY BRACKET

|                             |             |               |              |
|-----------------------------|-------------|---------------|--------------|
| <b>Salary-Bracket</b>       | <b>Male</b> | <b>Female</b> | <b>Total</b> |
| <b>\$0 - \$51 599</b>       | 7           | 11            | 18           |
| <b>\$51 600 - \$65 699</b>  | 12          | 19            | 31           |
| <b>\$65 700 - \$84 099</b>  | 11          | 7             | 18           |
| <b>\$84 100 - \$106 199</b> | 10          | 3             | 13           |
| <b>\$106 200+</b>           | 2           | 1             | 3            |
| <b>Total</b>                | 42          | 41            | 83           |

### STATUS OF EMPLOYEES IN CURRENT POSITION

#### FTE'S

|               |                |                            |                           |               |              |
|---------------|----------------|----------------------------|---------------------------|---------------|--------------|
| <b>Gender</b> | <b>Ongoing</b> | <b>Short-term Contract</b> | <b>Long-term Contract</b> | <b>Casual</b> | <b>Total</b> |
| <b>Male</b>   | 35.3           | 0.71                       | 2                         | 1.37          | 39.38        |
| <b>Female</b> | 24.83          | 4.81                       | 4.4                       | 0.41          | 34.45        |
| <b>Total</b>  | 60.13          | 5.52                       | 6.4                       | 1.78          | 73.83        |

#### Persons

|               |                |                            |                           |               |              |
|---------------|----------------|----------------------------|---------------------------|---------------|--------------|
| <b>Gender</b> | <b>Ongoing</b> | <b>Short-term Contract</b> | <b>Long-term Contract</b> | <b>Casual</b> | <b>Total</b> |
| <b>Male</b>   | 36             | 1                          | 2                         | 3             | 42           |
| <b>Female</b> | 28             | 6                          | 5                         | 2             | 41           |
| <b>Total</b>  | 64             | 7                          | 7                         | 5             | 83           |

NUMBER OF EXECUTIVES BY STATUS IN CURRENT POSITION, GENDER AND CLASSIFICATION

| Classifi-<br>cation | Ongoing |        | Term Tenured |        | Term<br>Untenured |        | Other |        | Total |   |        |     |       |
|---------------------|---------|--------|--------------|--------|-------------------|--------|-------|--------|-------|---|--------|-----|-------|
|                     | Male    | Female | Male         | Female | Male              | Female | Male  | Female | Male  | % | Female | %   | Total |
| SAES1               | 0       | 0      | 0            | 0      | 0                 | 1      | 0     | 0      | 0     | 0 | 1      | 100 | 1     |
| <b>Total</b>        | 0       | 0      | 0            | 0      | 0                 | 1      | 0     | 0      | 0     | 0 | 1      | 100 | 1     |

TOTAL DAYS LEAVE TAKEN

| Leave Type                     | 2011/12 |
|--------------------------------|---------|
| 1) Sick Leave Taken            | 0.91    |
| 2) Family Carer's Leave Taken  | 0.33    |
| 3) Miscellaneous Special Leave | 0.18    |

NUMBER OF ABORIGINAL AND/OR TORRES STRAIT ISLANDER EMPLOYEES

| Salary Bracket       | Aboriginal Employees | Total Employees | % Aboriginal<br>Employees |
|----------------------|----------------------|-----------------|---------------------------|
| \$0 - \$51 599       | 0                    | 18              | 0                         |
| \$51 600 - \$65 699  | 2                    | 31              | 6.45                      |
| \$65 700 - \$84 099  | 0                    | 18              | 0                         |
| \$84 100 - \$106 199 | 0                    | 13              | 0                         |
| \$106 200+           | 0                    | 3               | 0                         |
| <b>Total</b>         | 2                    | 83              | 2.41                      |

NUMBER OF EMPLOYEES BY AGE BACKET BY GENDER

| Age Bracket  | Male | Female | Total | % of Total |
|--------------|------|--------|-------|------------|
| 15 – 19      | 0    | 0      | 0     | 0          |
| 24 – 24      | 1    | 4      | 5     | 6.02       |
| 25 – 29      | 3    | 3      | 6     | 7.23       |
| 30 – 34      | 1    | 5      | 6     | 7.23       |
| 35 – 39      | 5    | 2      | 7     | 8.43       |
| 40 – 44      | 3    | 9      | 12    | 14.46      |
| 45 – 49      | 7    | 5      | 12    | 14.46      |
| 50 – 54      | 5    | 2      | 7     | 8.43       |
| 55 – 59      | 11   | 9      | 20    | 24.1       |
| 60 – 64      | 3    | 2      | 5     | 6.02       |
| 65+          | 3    | 0      | 3     | 3.61       |
| <b>Total</b> | 42   | 41     | 83    | 100        |

CULTURAL AND LINGUISTIC DIVERSITY

| Name  | Male | Female | Total | % of<br>Agency |
|---|------|--------|-------|----------------|
| Number of Employees born overseas                                       | 8    | 8      | 16    | 19.28          |
| Number of Employees who speak language(s)<br>other than English at home | 1    | 1      | 2     | 2.41           |

TOTAL NUMBER OF EMPLOYEES WITH DISABILITIES  
(ACCORDING TO COMMONWEALTH DDA DEFINITION)

| Male | Female | Total | % of Agency |
|------|--------|-------|-------------|
| 1    | 0      | 1     | 1.2         |

TYPES OF DISABILITY (WHERE SPECIFIED)

| Disability                                | Male | Female | Total | % of Agency |
|---|------|--------|-------|-------------|
| Disability requiring workplace adaptation | 1    | 0      | 1     | 1.2         |
| Physical                                  | 0    | 0      | 0     | 0           |
| Intellectual                              | 0    | 0      | 0     | 0           |
| Sensory                                   | 0    | 0      | 0     | 0           |
| Psychological/Psychiatric                 | 0    | 0      | 0     | 0           |

NUMBER OF EMPLOYEES USING VOLUNTARY FLEXIBULE WORKING ARRANGEMENTS BY GENDER

| Leave Type        | Male | Female | Total |
|-------------------|------|--------|-------|
| Purchased Leave   | 0    | 0      | 0     |
| Flextime          | 29   | 25     | 54    |
| Compressed Weeks  | 2    | 0      | 2     |
| Part-time         | 5    | 16     | 21    |
| Job Share         | 0    | 3      | 3     |
| Working from Home | 3    | 0      | 3     |

DOCUMENTED REVIEW OF INDIVIDUAL PERFORMANCE MANAGEMENT

| Documented Review of Individual Performance Management | Total |
|--|-------|
| % Reviewed in the last 12 months                       | 87    |
| % Review older than 12 months                          | 13    |
| % Not Reviewed   | 0     |

LEADERSHIP AND MANAGEMENT TRAINING EXPENDITURE

| Training and Development                    | Total Cost  | % of Total Salary Expenditure |
|---|-------------|-------------------------------|
| Total training and development expenditure  | \$21 243.68 | 0.41                          |
| Total Leadership and Management Development | \$8 000     | 0.15                          |

ACCREDITED TRAINING PACKAGES BY CLASSIFICATION

Diploma of Management: 6 participants ASO4-ASO6

## **6. OCCUPATIONAL HEALTH, SAFETY AND INJURY MANAGEMENT (OHS&IM)**

### **KEY ACHIEVEMENTS**

The museum continued to improve its positioning toward developing an environment safe for staff and visitors alike. The museum has capitalised on the strong culture the organisation has developed regarding occupational health, safety and injury management as set in the previous financial year.

Key achievements during the reporting period 2011-12 are as follows:

The provision of additional training programs for employees, volunteers, students and honoraries with respect to maintaining high levels of staff competence in first aid, four wheel drive, manual handling, and internal OHS&IM auditor training.

A comprehensive review of the Emergency Management System to align with international standards supported by an intensive training and testing program for the Emergency Control Organisation and the procurement of essential resources contributed to an increased efficiency of the Emergency Management System.

The museum participated in the pilot evaluation of the Hazard Incident Reporting Module System an on-line system of reporting that will support OHS&IM performance standards.

### **Disability Action Plan**

The museum continued to enhance its services to improve the experiences of all visitors. Disability access services and special needs groups were frequently welcomed at the museum throughout the year, with many community groups being able to participate in the museum's public programs. The museum worked with Arts SA on monitoring its visitor services for visitors with special needs and varied access requirements. Improvements for disability access included upgrading of the ramp access from the North Terrace footpath to the museum to align with Australian Standard 1428.

### **Equal Employment Opportunity Programs**

The museum continued to function as an Equal Employment Opportunity employer. During the period the museum remained strongly committed to employing on merit based selection processes which does not discriminate against race, gender, sexuality, marital status, age, pregnancy or disability for all positions within the organisation. The museum's position to operate with such processes was heavily supported by the Board, executive management and staff.

## Occupational Health, Safety and Welfare and Injury Management Report

| <b>1. Commitment to the Management of Safety and Wellbeing</b>  |  |   |                                  |  |
|---|--|---|----------------------------------|--|
| Strategy  | Action   | Performance indicator                                     | Responsibility                   | Status   |
| 1.1 Values supporting safety and wellbeing are communicated by the chief executive  | Safety and wellbeing is included in communications by the Executive. | Meeting minutes include OHSW. Staff meetings include OHSW | Executive Director               | Ongoing  |
| 1.2 Management systems for safety and wellbeing, inclusive of strategy elements, are integrated with core business functions                | Business functions include OHSW strategic elements                   | OHSW included in agendas for all meetings                 | Managers                         | Complete   |
| 1.3 Portfolio/agency safety and wellbeing policy is established and endorsed  | Review current OHSW Policy and Procedure                             | OHSW Policy and Procedure reviewed                        | Director<br>Safety Manager       | Complete   |
| 1.4 Strategic safety and wellbeing plans, objectives and performance indicators are developed and implemented                               | Develop safety and wellbeing plans.                                  | Plans are developed.                                      | Managers<br>Safety Manager       | Plans are constantly reviewed.   |
| 1.5 Ongoing improvements are made to the management system, based on results of monitoring and reviews                                      | Management system is subject to continual improvement strategies     | Management system is monitored and reviewed.              | Safety Manager<br>OHSW Committee | Audits, reviews and inspections are conducted, results and corrective actions are presented to the OHSW Committee for review |
| <b>2. Accountability for Safety and Wellbeing Performance</b>   |  |   |                                  |  |
| 2.1 Responsibilities for performance are defined, including the responsibility for implementation of safety and wellbeing plans and systems | Responsibilities are defined in position descriptions                | Reviewed during performance management                    | Managers                         | Ongoing  |

|  |  |   |                              |  |
|--|--|---|------------------------------|--|
| 2.2 Resources, both human and financial, are made available for safety systems (including comprehensive hazard identification, risk management and effective return to work processes) | Financial and human resources are provided to support a safety system.                                 | Safety manager position.<br>OHSW budget.                            | Director                     | Ongoing  |
| 2.3 Information systems, performance development and performance management support safety performance and ensure officers have up to date knowledge of health and safety matters      | OHSW training needs to be identified at performance management.  | Training and development needs identified at performance management | Managers                     | Ongoing  |
| 2.4 Accountability mechanisms are in place and are verified  | Responsibilities are defined in policies and procedures  | Policies and procedures define accountability mechanisms            | Executive OHSW Committee     | Ongoing  |
|  |  |   |                              |  |
| <b>3. Integrated Risk Management</b>   |  |   |                              |  |
| 3.1 Apply the AS/NZS ISO 31000:2009, (Risk Management Principles and Guidelines) to identify, evaluate and control safety risks  | Apply the AS/NZS ISO 31000:2009 for hazard management  | AS/NZS ISO 31000:2009 applied to risk management strategies         | Executive                    | Ongoing  |
| 3.2 Include safety and wellbeing as key elements within the portfolio/agency framework for risk management   | Include safety and wellbeing as key elements within the portfolio/agency framework for risk management | Safety is included as an element of corporate risk management       | Head of Corporate Operations | Ongoing<br>Risk register continually reviewed. |
| 3.3 Ensure effective communication and consultation mechanisms are in place  | Implement communication and consultation mechanisms.   | Communication and consultation strategies are in place              | Executive Managers           | Ongoing  |
| 3.4 Identify and   | Apply risk ratings   | Risk ratings are  | Executive                    | Ongoing  |

|   |   |   |   |   |
|---|---|---|---|---|
| prioritise corrective actions required  | to corrective actions   | applied, actions are prioritised  | Managers                                  | Corrective action register is monitored and maintained. |
| 3.5 Effectively manage return to work as a priority risk  | RTW is a priority   | Management of RTW   | Managers                                  | Ongoing   |
| 3.6 Meet legal and regulatory compliance standards (e.g. Acts, Regulations, Codes of Practice, and SafeWork SA Notices and WorkCover partnerships plans). | Comply with legislative and supporting principle requirements                 | Compliance with legislative and supporting principle requirements   | Whole of organisation                     | Compliant   |
| <b>4. Effective Measurement and Evaluation</b>  |   |   |   |   |
| 4.1 Development of relevant key performance indicators for the portfolio/agency   | KPI's for OHS performance are determined by DPC                               | Compliance with KPI's for OHS performance.  | Safety manager                            | Compliant   |
| 4.2 Measurement of progress against safety plans objectives/ performance indicators   | Conduct internal audits, work place inspections and monitor progress of plans | Internal audits, work place inspections and monitoring of the progress of plans are conducted   | Executive Safety Manager                  | Compliant   |
| 4.3 Regular verification, monitoring and evaluation of the safety and wellbeing system  | Conduct internal audits of the OHS system. Report to OHS committee.           | Internal audits of the OHS system are conducted and reported to the OHS Committee   | Executive Safety Manager<br>OHS Committee | Compliant   |
| 4.4 Transparent reporting mechanisms  | Corporate reporting system is to be used for hazard and incident reporting    | Corporate reporting system is used for hazard and incident reporting  | Safety manager<br>Managers                | Ongoing   |
| 4.5 Timely and effective responses to identified risks  | Risks are managed in a timely manner.   | Risks manageable at the local level are responded to in a timely manner. Risks that cannot be effectively controlled at the business level are managed up | Executive Managers<br>Safety manager      | Ongoing   |

Table 1 OHS Notices and Corrective Actions taken

|  |   |
|--|---|
| Number of notifiable occurrences pursuant to OHS&W Regulations Division 6.6                                    | 1 |
| Number of notifiable injuries pursuant to OHS&W Regulations Division 6.6                                       | 0 |
| Number of notices served pursuant to OHS&W Act s35, s39 and s40 (default, improvement and prohibition notices) | 0 |

Table 2 Reported Incidents

|   |    |
|---|----|
| Mechanism of incident                   | 0  |
| Falls, slips and trips of a person      | 4  |
| Hitting objects with a part of the body | 3  |
| Being hit by moving object              | 3  |
| Body stressing                          | 2  |
| Near miss                               | 0  |
| Manual handling                         | 0  |
| Heat, radiation and electricity         | 0  |
| Chemical                                | 1  |
| Vehicle                                 | 0  |
| TOTAL                                   | 13 |

Table 3: Agency gross workers compensation expenditure for 2011-12 compared with 2010-11

| EXPENDITURE   | 2011-12<br>(\$) | 2010-11<br>(\$) | Variation | Change<br>(%) |
|---|-----------------|-----------------|-----------|---------------|
| Income maintenance                                  | 0               | 0               | 0         | 0             |
| Lump Sum Settlements Redemptions – Sect.42          | 0               | 0               | 0         | 0             |
| Lump Sum Settlements Permanent Disability – Sect.43 | 0               | 0               | 0         | 0             |
| Medical/Hospital Costs combined                     | 0               | 2212.60         | -2212.60  | 0             |
| Other   | 0               | 0               | 0         | 0             |
| Total Claims Expenditure                            | 0               | 2212.60         | -2212.60  | 0             |

Successful consultative arrangements within the South Australian Museum include:

| INTERNAL STAKEHOLDERS             | CORPORATE STAKEHOLDERS                               | EXTERNAL STAKEHOLDERS             |
|-----------------------------------|--|-----------------------------------|
| Executive Management              | ArtsSA   | Adelaide University               |
| Health and Safety Committee       | DPC; DPCCC   | Spotless Maintenance Contractors  |
| Health and Safety Representatives | DPC; Workplace Safety and Well Being Unit            | ISS Cleaning Contractors          |
| Volunteers and Students           | Zero Waste   | Wilson Security                   |
| Employees                         | SafeWork SA  | SA Metropolitan Fire Service      |
| Internal working groups           | WorkCover  | Registered Training Organisations |
|                                   | Art Gallery of south Australia                       | SAPOL                             |
|                                   | State Library of South Australia                     |                                   |
|                                   | Department of Planning, Transport and Infrastructure |                                   |



**SOUTH AUSTRALIAN MUSEUM**  
**Workers Compensation Claims Statistics**  
**for the period July 2011 - June 2012**

|                                 |           |                |
|---------------------------------|-----------|----------------|
| <b>TOTAL COST OF ALL CLAIMS</b> |           |                |
| Lump Sums (s43, 44)             | \$        | -              |
| Common Law                      | \$        | -              |
| Medical Reports                 | \$        | -              |
| Other Costs                     | \$        | -              |
| Legal Expenses                  | \$        | 1275.00        |
| Rehabilitation                  | \$        | -              |
| Medical Expenses                | \$        | 588.14         |
| Redemptions (s42)               | \$        | -              |
| Income Maintenance              | \$        | -              |
| <b>TOTAL EXPENDITURE</b>        | <b>\$</b> | <b>1863.14</b> |
| <b>CURRENT OPEN CLAIMS</b>      |           |                |
| <b>NEW CLAIMS</b>               |           | <b>0</b>       |
| <b>Rejected Claims</b>          |           | <b>0</b>       |
| <b>Undetermined Claims</b>      |           | <b>0</b>       |
| <b>Withdrawn</b>                |           | <b>0</b>       |
| <b>Provisional Liability</b>    |           | <b>0</b>       |
| Medical Treatment only          |           | 0              |
| Lost Time                       |           | 0              |

|                                 |             |
|---------------------------------|-------------|
| Fatalities                      | 0           |
| Days Lost for New Claims        | 0           |
| Total Days Lost                 | 0           |
| Number of new claims now closed | 0           |
| <b>Cost of New Claims</b>       | <b>\$ -</b> |

| <b>Causes of New Claims</b>     | <b>Number of Claims</b> | <b>%</b>  | <b>Costs to date</b> |
|---------------------------------|-------------------------|-----------|----------------------|
| Being Hit by Moving Objects     | 0                       | 0%        | \$ -                 |
| Body Stressing                  | 0                       | 0%        | \$ -                 |
| Chemicals and Other substances  | 0                       | 0%        | \$ -                 |
| Falls, Trips and Slips          | 0                       | 0%        | \$ -                 |
| Heat, Radiation and Electricity | 0                       | 0%        | \$ -                 |
| Mental Stress                   | 0                       | 0%        | \$ -                 |
| Hitting Objects with Body       | 0                       | 0%        | \$ -                 |
| Other and unspecified           | 0                       | 0%        | \$ -                 |
| Sound and Pressure              | 0                       | 0%        | \$ -                 |
| <b>Grand Total</b>              | <b>0</b>                | <b>0%</b> | <b>\$ -</b>          |

## Overseas Travel 2011-12

| Number of Employees | Destination/s                       | Reason for Travel   | Total Cost to Agency                  |
|---------------------|-------------------------------------|---|---------------------------------------|
| 1                   | UK, Netherlands, Switzerland, Italy | <b>PHILIP JONES:</b><br>Complete documentation and research of Australian Collections at the royal Ethnographic collections in Geneva, Oxford and Rome.<br>8 Aug to 12 Oct 2011   | \$15 900.00<br>continuation of salary |
| 1                   | Kuala Lumpa                         | <b>PHILIP JONES:</b><br>Attend the official launch of the South Australian Museum Exhibition, "Australia's Muslim Cameleers" at the Islamic Arts Museum, Kuala Lumpur, to assist with the installation of the exhibition and to present a public lecture.<br>19 to 21 October 2011.                 | \$3540.00<br>continuation of salary.  |
| 1                   | Germany, UK                         | <b>LESLEY WARNER:</b><br>Examining specimens of Acanthocephalans held in the natural history Museum, London and networking with curators. Working with a colleague in Kariruhe, writing a book chapter on the classification of Acanthocephala.<br>17 September to 17 October, 2011                 | \$0.00 grant funded                   |
| 1                   | USA/UK                              | <b>MARK HUTCHINSON:</b><br>Research fossil history of reptiles and work on interpretation and description of fossil remains. Participate in seminars and lectures and attend two international conferences 30 Jul to 15 Dec 2011  | \$47043.00<br>Continuation of Salary  |
| 1                   | Brazil                              | <b>IAN WHITTINGTON:</b><br>Collaborative work at the Universidade Federal do para in Brazil on flatworm parasites from sharks and rays. Opportunity to also collect parasites from live sharks and rays off North East Brazil. Phylogenetic analysis of new and described species will be performed | \$3840.00<br>Continuation of Salary   |

|   |                              |  |  |
|---|------------------------------|--|--|
| 1 | PNG                          | <b>BARRY CRAIG:</b><br>Invited to launch a book he has contributed to. He will be the guest of the Board of the Trustees of the National Museum. He will also meet with Oil and Exxon Executives to request funding for ARC Linkage grant. 3 <sup>rd</sup> to 6 <sup>th</sup> Dec 2011.  | \$1035.00<br>Continuation of Salary                                      |
| 1 | UK, SCOTLAND, FRANCE,GERMANY | <b>DAVID STEMMER:</b><br>Attending a two day symposium in France on the conservation of fatty skeletons. He will present a poster on the history of skeleton preparation at the Museum. He will visit National Museums Scotland and will examine a specimen type in Paris. 30 <sup>TH</sup> Jan to 14 Feb 2012.  | \$2582.00<br>Continuation of Salary                                      |
| 1 | New Zealand                  | <b>SELINA CLARK</b><br>Conference attended regarding emergency management for cultural institutions 22-24 August 2011.   | \$1700<br>Continuation of salary   |
| 1 | New Zealand                  | <b>MARK JUDD</b><br>Conference attended regarding Australian Touring exhibitions.  | \$1200<br>Continuation of salary   |
| 1 | Kuala Lumpa                  | <b>SUZANNE MILLER</b><br>Diplomacy travel to KL for travelling exhibition "Australia's Muslim Cameleers" at the Islamic Arts Museum. Prof Miller met with senior officials of the museum and met with the Australian High Commissioner in Malaysia.  | \$1844<br>Continuation of salary. Other costs funded by externals grants |
| 2 | Antarctic                    | <b>SUZANNE MILLER and MARK PHARAOH</b><br>To participate in the Mawson Centenary Expedition to the Antarctic. This was a fund-raising expedition for the Mawson Trust which is an endowment fund administered by the South Australian Museum and which promotes and funds the care of and access to the Museum's Mawson Collections, as well as related research and exhibition activities.  | \$15 309<br>Continuation of salaries. Other costs funded by project      |
| 1 | UK                           | <b>SUZANNE MILLER</b><br>Meeting of international collaborators to resolve the geoarchaeology of Medieval sculptures in Europe. Also attend as an official guest of the Scottish Government, the official opening of the complete gallery renewal and major structural improvements project at the National Museums Scotland. Also undertook diplomatic discussions with University College London, the Hong Kong Museum of Heritage and the National Museum of Singapore regarding potential exchange of exhibitions. | \$12 293<br>Continuation of salaries. Other costs funded by project      |

## **7. ACCOUNT PAYMENT STATISTICS**

| <b>Particulars</b>                    | <b>Number of accounts paid</b> | <b>Percentage of accounts paid (by number)</b> | <b>Value in \$A of accounts paid</b> | <b>Percentage of accounts paid (by value)</b> |
|---------------------------------------|--------------------------------|--|--------------------------------------|---|
| Paid by due date*                     | 3025                           | 98.3   | \$6 290 372.72                       | 97.3  |
| Paid late, within 30 days of due date | 38                             | 1.2  | 128 587.93                           | 2.0   |
| Paid more than 30 days from due date  | 13                             | 0.4  | \$24 274.59                          | 0.7   |
| <b>Totals</b>                         |                                |  | <b>\$6 467 235.24</b>                |   |

\*The due date is defined as per 11.2 of the instruction. Generally, unless there is a discount or a written agreement between the public authority and the creditor, payment should be made within thirty days of the date of the invoice or claim.

## **8. FRAUD AND LEGISLATIVE COMPLIANCE**

No frauds or suspected frauds have occurred to the knowledge of the management of the South Australian Museum. The Museum has maintained a comprehensive system of checks and balances to control and prevent fraud, under the advice of the Auditor General's Department. 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.

## **9. CONSULTANTS – 2011-12**

| <b>Value</b>        | <b>No</b> | <b>Name</b>               | <b>Description</b>  | <b>Total Expenditure</b> |
|---------------------|-----------|---------------------------|---|--------------------------|
| Below \$10,000      |           | 1.Wdcs Australasia Inc    | 1.Dolphin Pathology   | 1. \$8400                |
|                     |           | 2.University of Tasmania  | 2. Marine Debris Threat Abatement GSV                           | 2. \$1363                |
|                     |           | 3.Graham Nudding          | 3. Data entry, scanning and filing for the Ara Irititja Project | 3. \$2450                |
|                     |           | 4. Grieve Gillett Pty Ltd | 4. Design and development of the Information Centre             | 4. \$2750                |
|                     |           | 5.Susan Gibbs             | 5.Penguin Pathology   | 5. \$540                 |
| \$10,000 - \$50,000 |           |                           |   | \$0.00                   |
| Above \$50,000      |           |                           |   | \$0.00                   |
|                     |           |                           | Total   | <b>\$15 503</b>          |

## **10. 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 Governor. 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.

The museum also maintains regular contact with Aboriginal community groups through the Board appointed Aboriginal Advisory Group which deals specifically with 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 South Australian Museum Board meetings are numbered, approved signed by the Chair and recorded in a board minute book. Board papers are also numbered and filed in a similar manner. The papers contain all documents and correspondence relating to each board meeting. Current minute books and papers are kept in the Director's Office, with older minute books and papers, dating back to 1940, stored in the Museum Archives section. Board papers and minutes up to 1940 are permanently stored in State Records.

### ***Dockets***

The museum continued to administer the formal document recording/registration and archiving via its docket database system. For each of the museum's departments administration staff coordinate the process of document management. Dockets hold all documents concerned with the day to day management of the museum and are classified as in the areas of research, collection management; public programs and directorate activities.

### ***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', 'Policy on Human Skeletal Remains Collection', 'Honorary Appointments', 'Guidelines for the Acquisition, Operation and Management of Computers in the Museum', 'Access to Personal Information – policy and procedures', 'Procedures for Records Management' and 'Copyright Policy and Procedures', 'Museum Budget Policy' and 'South Australian Museum Board Investment Policy'.

### **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 Requests**

The museum received no enquiries under the Freedom of Information Act during 2011-12.

### **Whistleblowers Protection Act 1993**

As an entity of the South Australian Government, the South Australian Museum remained committed to supporting and encouraging staff to demonstrate integrity and conduct ethical professionalism as part of the public sector ethical standards. Reporting as defined by the Whistleblowers Protection Act is encouraged by the museum should it be necessary.

For the 2011-12 reporting period there were no occasions where public interest information has been disclosed to the responsible officer.



## **11. INDEPENDENT AUDIT REPORT OF FINANCIAL STATEMENTS**



9th Floor  
State Administration Centre  
200 Victoria Square  
Adelaide SA 5000  
DX 56208  
Victoria Square  
Tel +618 8226 9640  
Fax +618 8226 9688  
ABN 53 327 061 410  
audgensa@audit.sa.gov.au  
www.audit.sa.gov.au

## To the Chair Museum Board

As required by section 31(1)(b) of the *Public Finance and Audit Act 1987* and section 16(3) of the *South Australian Museum Act 1976*, I have audited the accompanying financial report of the Museum Board for the financial year ended 30 June 2012. The financial report comprises:

- a Statement of Comprehensive Income for the year ended 30 June 2012
- a Statement of Financial Position as at 30 June 2012
- a Statement of Changes in Equity for the year ended 30 June 2012
- a Statement of Cash Flows for the year ended 30 June 2012
- notes, comprising a summary of significant accounting policies and other explanatory information
- a Certificate from the Chair, Museum Board and the Director, South Australian Museum.

## The members of the Museum Board's Responsibility for the Financial Report

The members of the Museum Board are responsible for the preparation of the financial report that gives a true and fair view in accordance with the Treasurer's Instructions promulgated under the provisions of the *Public Finance and Audit Act 1987* and Australian Accounting Standards, and for such internal control as the members of the Museum Board determines is necessary to enable the preparation of the financial report that is free from material misstatement, whether due to fraud or error.

## Auditor's Responsibility

My responsibility is to express an opinion on the financial report based on the audit. The audit was conducted in accordance with the requirements of the *Public Finance and Audit Act 1987* and Australian Auditing Standards. The auditing standards require that the auditor comply with relevant ethical requirements and that the auditor plan and perform the audit to obtain reasonable assurance about whether the financial report is free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial report. The procedures selected depend on the auditor's judgement, including the assessment of the risks of material misstatement of the financial report, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation of the financial report that gives a true and fair view in order to design audit procedures that are appropriate in the circumstances. An audit also includes evaluating the appropriateness of the accounting policies used and the reasonableness of accounting estimates made by the members of the Museum Board, as well as the overall presentation of the financial report.

I believe that the audit evidence I have obtained is sufficient and appropriate to provide a basis for my audit opinion.

**Opinion**

In my opinion, the financial report gives a true and fair view of the financial position of the Museum Board as at 30 June 2012, its financial performance and its cash flows for the year then ended in accordance with the Treasurer's Instructions promulgated under the provisions of the *Public Finance and Audit Act 1987* and Australian Accounting Standards.

A handwritten signature in dark ink, appearing to read 'S O'Neill', with a small horizontal line above the first letter 'S'.

**S O'Neill**  
**AUDITOR-GENERAL**  
17 September 2012

**Museum Board**

**Annual Financial Statements**

**For the year ended 30 June 2012**

## Certification of the Financial Statements

We certify that the financial statements of the South Australian Museum:

- are in accordance with the accounts and records of the South Australian Museum; and
- comply with relevant Treasurer's Instructions; and
- comply with relevant accounting standards; and
- present a true and fair view of the financial position of the South Australian Museum at the end of the financial year and the results of its operations and cash flows for the financial year.

Internal controls employed by the South Australian Museum over its financial reporting and its preparation of the financial statements have been effective throughout the financial year.



*Dr Suzanne Miller*  
*Director*  
*South Australian Museum*  
13<sup>th</sup> Sep 2012



*Dr Jane Lomax-Smith*  
*Chair*  
*Museum Board*  
13<sup>th</sup> Sep 2012

**Museum Board**

**STATEMENT OF COMPREHENSIVE INCOME**

**For the year ended 30 June 2012**

|  | <b>Note</b> | <b>2012<br/>\$'000</b> | <b>2011<br/>\$'000</b> |
|--|-------------|------------------------|------------------------|
| <b>Expenses</b>                                  |             |                        |                        |
| Staff benefits                                   | 3           | 6,712                  | 6,405                  |
| Supplies and services                            | 5           | 3,481                  | 3,636                  |
| Accommodation and facilities                     | 6           | 2,611                  | 2,319                  |
| Depreciation                                     | 7           | 1,909                  | 1,894                  |
| Grants   |             | 157                    | 89                     |
| Net loss from the disposal of non-current assets | 12          | -                      | 28                     |
| <b>Total expenses</b>                            |             | <b>14,870</b>          | <b>14,371</b>          |
| <b>Income</b>                                    |             |                        |                        |
| Grants   | 8           | 510                    | 574                    |
| Fees and charges                                 | 9           | 795                    | 679                    |
| Donations and bequests                           |             | 1,056                  | 524                    |
| Donations of heritage assets                     |             | 261                    | 756                    |
| Sponsorships                                     | 10          | 882                    | 211                    |
| Interest and investment                          | 11          | 121                    | 208                    |
| Resources received free of charge                | 13          | 431                    | 453                    |
| Recoveries                                       |             | 541                    | 708                    |
| Net gain from the disposal of non-current assets | 12          | 94                     | -                      |
| Other income                                     | 14          | 185                    | 165                    |
| <b>Total income</b>                              |             | <b>4,876</b>           | <b>4,278</b>           |
| <b>Net cost of providing services</b>            |             | <b>9,994</b>           | <b>10,093</b>          |
| <b>Revenues from SA Government</b>               |             |                        |                        |
| Recurrent operating grant                        |             | 9,827                  | 8,930                  |
| Capital grant                                    |             | 318                    | 127                    |
| <b>Total revenues from SA Government</b>         |             | <b>10,145</b>          | <b>9,057</b>           |
| <b>Net result</b>                                |             | <b>151</b>             | <b>(1,036)</b>         |
| <b>Other Comprehensive Income</b>                |             |                        |                        |
| Change in value of heritage collections          | 17          | 16,714                 | 196,879                |
| <b>Total other comprehensive income</b>          |             | <b>16,714</b>          | <b>196,879</b>         |
| <b>Total comprehensive result</b>                |             | <b>16,865</b>          | <b>195,843</b>         |

The net result and total comprehensive result are attributable to the SA Government as owner

*The above statement should be read in conjunction with the accompanying notes*

| Museum Board   |      |                |                |
|--|------|----------------|----------------|
| STATEMENT OF FINANCIAL POSITION                                |      |                |                |
| As at 30 June 2012   |      |                |                |
|  | Note | 2012<br>\$'000 | 2011<br>\$'000 |
| <b>Current assets</b>  |      |                |                |
| Cash   | 22   | 1,935          | 741            |
| Receivables  | 15   | 557            | 413            |
| <b>Total current assets</b>                                    |      | <b>2,492</b>   | <b>1,154</b>   |
| <b>Non-current assets</b>                                      |      |                |                |
| Property, plant and equipment                                  | 16   | 34,762         | 35,965         |
| Heritage collections   | 17   | 359,923        | 342,881        |
| Investments  | 18   | 1,204          | 1,493          |
| <b>Total non-current assets</b>                                |      | <b>395,889</b> | <b>380,339</b> |
| <b>Total assets</b>  |      | <b>398,381</b> | <b>381,493</b> |
| <b>Current liabilities</b>                                     |      |                |                |
| Payables   | 19   | 366            | 387            |
| Staff benefits   | 20   | 826            | 791            |
| Provision  | 21   | 8              | 41             |
| <b>Total current liabilities</b>                               |      | <b>1,200</b>   | <b>1,219</b>   |
| <b>Non-current liabilities</b>                                 |      |                |                |
| Payables   | 19   | 116            | 98             |
| Staff benefits   | 20   | 1,251          | 1,124          |
| Provision  | 21   | 35             | 138            |
| <b>Total non-current liabilities</b>                           |      | <b>1,402</b>   | <b>1,360</b>   |
| <b>Total liabilities</b>                                       |      | <b>2,602</b>   | <b>2,579</b>   |
| <b>Net assets</b>  |      | <b>395,779</b> | <b>378,914</b> |
| <b>Equity</b>  |      |                |                |
| Revaluation surplus  |      | 262,159        | 245,445        |
| Retained earnings  |      | 133,620        | 133,468        |
| <b>Total equity</b>  |      | <b>395,779</b> | <b>378,914</b> |
| The total equity is attributable to the SA Government as owner |      |                |                |
| Unrecognised contractual commitments                           | 23   |                |                |
| Contingent assets and liabilities                              | 24   |                |                |

*The above statement should be read in conjunction with the accompanying notes*

**Museum Board**

**Statement of Changes in Equity**

**For the year ended 30 June 2012**

|   | Revaluation<br>surplus | Retained<br>earnings | Total          |
|---|------------------------|----------------------|----------------|
| Note  | \$'000                 | \$'000               | \$'000         |
| <b>Balance at 30 June 2010</b>                | <b>48,566</b>          | <b>134,505</b>       | <b>183,071</b> |
| Net result for 2010-11                        | -                      | (1,036)              | (1,036)        |
| Gain on revaluation of heritage assets        | 196,879                | -                    | 196,879        |
| <b>Total comprehensive result for 2010-11</b> | <b>196,879</b>         | <b>(1,036)</b>       | <b>195,843</b> |
| <b>Balance as at 30 June 2011</b>             | <b>245,445</b>         | <b>133,469</b>       | <b>378,914</b> |
| Net result for 2011-12                        | -                      | 151                  | 151            |
| Gain on revaluation of heritage assets        | 16,714                 | -                    | 16,714         |
| <b>Total comprehensive result for 2011-12</b> | <b>16,714</b>          | <b>151</b>           | <b>16,865</b>  |
| <b>Balance at 30 June 2012</b>                | <b>262,159</b>         | <b>133,620</b>       | <b>395,779</b> |

All changes in equity are attributable to the SA Government as owner

*The above statement should be read in conjunction with the accompanying notes*



| Museum Board                                     |      |                 |                 |
|--|------|-----------------|-----------------|
| Statement of Cash Flows                          |      |                 |                 |
| For the year ended 30 June 2012                  |      |                 |                 |
|  | Note | 2012<br>\$'000  | 2011<br>\$'000  |
| <b>Cash flows from operating activities</b>      |      |                 |                 |
| <b>Cash outflows</b>                             |      |                 |                 |
| Staff benefits                                   |      | (6,666)         | (6,544)         |
| Supplies and services                            |      | (3,042)         | (3,107)         |
| Accommodation and facilities                     |      | (2,611)         | (2,296)         |
| Grants   |      | (157)           | (89)            |
| <b>Cash used in operations</b>                   |      | <b>(12,476)</b> | <b>(12,036)</b> |
| <b>Cash inflows</b>                              |      |                 |                 |
| Grants   |      | 510             | 613             |
| Fees and charges                                 |      | 735             | 623             |
| Donations and bequests                           |      | 1,056           | 524             |
| Sponsorships                                     |      | 762             | 345             |
| Interest and investment                          |      | 126             | 173             |
| Recoveries                                       |      | 541             | 620             |
| Other  |      | 185             | 172             |
| <b>Cash generated from operations</b>            |      | <b>3,915</b>    | <b>3,070</b>    |
| <b>Cash flows from SA Government</b>             |      |                 |                 |
| Recurrent operating grant                        |      | 9,827           | 8,930           |
| Capital grant                                    |      | 318             | 127             |
| <b>Cash generated from SA Government</b>         |      | <b>10,145</b>   | <b>9,057</b>    |
| <b>Net cash provided by operating activities</b> | 22   | <b>1,584</b>    | <b>91</b>       |
| <b>Cash flows from investing activities</b>      |      |                 |                 |
| <b>Cash outflows</b>                             |      |                 |                 |
| Purchases of heritage collections                |      | (67)            | -               |
| Purchases of property, plant and equipment       |      | (706)           | (138)           |
| Purchases of investments                         |      | -               | (251)           |
| <b>Cash used in investing activities</b>         |      | <b>(773)</b>    | <b>(389)</b>    |
| <b>Cash inflows</b>                              |      |                 |                 |
| Proceeds from sale of investments                |      | 383             | 96              |
| Proceeds from debtor                             |      | -               | 99              |
| <b>Cash generated from investing activities</b>  |      | <b>383</b>      | <b>195</b>      |
| <b>Net cash used in investing activities</b>     |      | <b>(390)</b>    | <b>(194)</b>    |
| <b>Net increase in cash</b>                      |      | <b>1,194</b>    | <b>(103)</b>    |
| Cash at the beginning of the financial year      |      | 741             | 844             |
| <b>Cash at the end of the financial year</b>     | 22   | <b>1,935</b>    | <b>741</b>      |

*The above statement should be read in conjunction with the accompanying Notes.*

## Museum Board

### Note 1. Objectives of the Museum Board

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

- Undertake the care and management of the Museum;
- Manage all lands and premises vested in, or placed under the control of, the Board;
- 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;
- Carry out, or promote, research into matters of scientific and historical interest;
- Accumulate and care for objects and specimens of scientific or historical interest;
- Accumulate and classify data in regard to any such matters;
- Disseminate information of scientific or historical interest; and
- Perform any other functions of scientific, educational or historical significance that may be assigned to the Board by regulation.

### Note 2. Summary of significant accounting policies

#### 2.1 Statement of compliance

The financial statements are general purpose financial statements. The accounts have been prepared in accordance with relevant Australian Accounting Standards and comply with Treasurer's Instructions and Accounting Policy Statements promulgated under the provision of the *Public Finance and Audit Act 1987*.

Australian Accounting Standards and Interpretations that have recently been issued or amended but are not yet effective have not been adopted by the Board for the reporting period ending 30 June 2012.

#### 2.2 Basis of preparation

The preparation of the financial statements requires:

- the use of certain accounting estimates and requires management to exercise its judgement in the process of applying the Board's accounting policies. The areas involving a higher degree of judgement or where assumptions and estimates are significant to the financial statements, are outlined in the applicable Notes; and
- compliance with Accounting Policy Statements issued pursuant to section 41 of the *Public Finance and Audit Act 1987*. In the interest of public accountability and transparency the Accounting Policy Statements require the following Note disclosures, which have been included in the financial statements:
  - a) income, expenses, financial assets and liabilities where the counterparty/transaction is with an entity within the SA Government as at reporting date, classified according to their nature. A threshold of \$100 000 for separate identification of these items applies;
  - b) expenses incurred as a result of engaging consultants;
  - c) staff targeted voluntary separation package information;
  - d) staff whose normal remuneration is equal to or greater than the base executive remuneration level (within \$10 000 bandwidths) and the aggregate of the remuneration paid or payable or otherwise made available, directly or indirectly, by the entity to those staff; and
  - e) board/committee member and remuneration information, where a board/committee member is entitled to receive income from membership other than a direct out-of-pocket reimbursement.

The Board's Statement of Comprehensive Income, Statement of Financial Position and Statement of Changes in Equity have been prepared on an accrual basis and are in accordance with historical cost convention, except for certain assets that were valued in accordance with the valuation policy applicable.

The Statement of Cash Flows has been prepared on a cash basis.

The financial statements have been prepared based on a twelve month operating cycle and are presented in Australian currency.

The accounting policies set out below have been applied in preparing the financial statements for the year ended 30 June 2012 and comparative information presented.

#### 2.3 Sources of Funds

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

## 2.4 Income and Expenses

Income and expenses are recognised in the Board's Statement of Comprehensive Income to the extent it is probable that the flow of economic benefits to or from the Board will occur and can be reliably measured. Income and expenses have been classified according to their nature, and have not been offset unless required or permitted by a specific Accounting Standard, or where offsetting reflects the substance of the transaction or other event.

### *Income*

Income from the sale of goods is recognised upon the delivery of goods to customers. Interest revenue is recognised on a proportional basis taking into account the interest rates applicable to the financial assets. Investment income is recognised when the Board obtains control over the funds. Income from the rendering of a service is recognised upon the delivery of the service to the customers. Government grants are recognised as income in the period in which the Board obtains control over the grants.

### *Resources received free of charge*

Resources received free of charge are recorded as income and expenditure in the Statement of Comprehensive Income at their fair value.

Under an arrangement with Arts SA and Artlab Australia, divisions of the Department of the Premier and Cabinet, Artlab Australia receives SA Government appropriation to perform conservation services on the Board's heritage collections. The value of this work performed is recognised as resources received free of charge in income and a corresponding amount included as conservation work expenditure in supplies and services (Note 5).

Under an arrangement with the Services Division of the Department of the Premier and Cabinet, financial services and human resources are provided free of charge to the Board. The value of these services is recognised as resources received free of charge in income and a corresponding amount included as a business services charge in supplies and services (Note 5).

## 2.5 Current and non-current classification

Assets and liabilities are characterised as either current or non-current in nature. The Board has a clearly identifiable operating cycle of twelve months. Assets and liabilities that will be realised as part of the normal operating cycle have been classified as current assets or current liabilities. All other assets and liabilities are classified as non-current.

## 2.6 Cash

Cash in the Statement of Financial Position includes cash at bank and cash on hand.

For the purposes of the Statement of Cash Flows, cash is defined above. Cash is measured at nominal value.

## 2.7 Receivables

Receivables include amounts receivable from trade, prepayments and other accruals.

Trade receivables arise in the normal course of selling goods and services to other government agencies and the public. Trade receivables are generally receivable within 30 days after the issue of an invoice or the goods/services have been provided under a contractual arrangement. The ability to collect trade receivables is reviewed on an ongoing basis. Debts that are known to be uncollectable are written off when identified. An allowance for doubtful debts is raised when there is objective evidence that the Board will not be able to collect the debt.

## 2.8 Investments

Investments are brought to account at cost in accordance with Accounting Policy Framework IV *Financial Asset and Liability Framework* APS 2.1.

## 2.9 Non-current asset acquisition and recognition

The cost method of accounting is used for the initial recording of all acquisitions of assets. 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 fair value. All non-current assets with a value of \$10,000 or greater are capitalised.

Componentisation of complex assets is only performed when the complex asset's fair value at the time of acquisition is greater than \$5 million for infrastructure assets and \$1 million for other assets.

2.10 Valuation of non-current assets

All non-current assets are valued at written down current cost (a proxy for fair value) and a revaluation of non-current assets or a group of assets is only performed when its fair value at the time of acquisition is greater than \$1 million and estimated useful life is greater than three years.

Land and buildings and heritage collections are re-valued every 5 years. However, if at any time management considers the carrying amount of an asset materially differs from its fair value, then the asset will be revalued regardless of when the last valuation took place. Non-current assets that are acquired between revaluations are held at cost until the next valuation, where they are revalued to fair value.

Any revaluation increment is credited to the revaluation surplus, except to the extent that it reverses a revaluation decrement of the same asset class previously recognised as an expense, in which case the increase is recognised as income.

Any revaluation decrement is recognised as an expense, except to the extent that it offsets a previous revaluation increase of the same asset class, in which case the decrease is debited directly to the revaluation surplus to the extent of the credit balance existing in the revaluation surplus for that asset class.

Upon revaluation, the accumulated depreciation has been restated proportionately with the change in gross carrying amount of the asset so that the carrying amount, after revaluation, equals its revalued amount.

Upon disposal or de-recognition, any revaluation surplus relating to that asset is transferred to retained earnings.

Land and buildings

Land and buildings have been valued at fair value. Valuations of land and buildings were determined as at 30 June 2008 by the Australian Valuation Office.

Plant and equipment

Plant and equipment, including computer equipment, on acquisition has been deemed to be held at fair value.

Heritage collections

The Board's collections were revalued as at 30 June 2011 using the valuation methodology outlined below in accordance with fair value principles adopted under Australian Accounting Standard AASB 116 *Property, Plant and Equipment*. These valuations were undertaken by both external valuers and internal specialists.

The collections were broadly valued on the following basis:

| Collection                  | Method of valuation  |
|-----------------------------|----------------------|
| Heritage collections        | Net market valuation |
| Natural History collections | Cost of recovery     |

Heritage collection 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 Cultural Gifts Program.

Natural History collections have been valued at fair value on the basis of the cost of fieldwork, preparation and documentation to replace the material in its present condition. The most recent revaluation saw an increase in the value of each Holotype from \$1,000 to \$5,000 per specimen.

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 to verify the valuations applied by internal specialists via sampling techniques, and to carry out independent valuations where required.

Heritage collections deemed to have market value are Australian Ethnology, Foreign Ethnology, Malacology, Butterflies, Industrial History Collection, Mineralogy, Museum Library, Archives/Artworks 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, Mammalogy, Palaeontology and Archaeology.

In June 2012, the Archives/Artwork collection was valued for the first time by JFB Bruce AVAA JP of Theodore Bruce Auctions Pty Ltd. Resource limitations have previously prevented the valuation of the collection.

For the first time in the 30 June 2011 valuation, the Archaeology collection has been valued. Previously the collection was inaccessible due to storage limitations.

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

| Collection                              | Industry Expert |
|---|-----------------|
| Foreign Ethnology                       | H Gallasch      |
| Mineralogy                              | R Noble         |
| Malacology (Marine Invertebrates)       | I Van Streepen  |
| Butterflies (Terrestrial Invertebrates) | L Mound         |
| Mammalogy                               | R Schodde       |
| Archives/Artwork                        | JFB Bruce       |

Heritage collections assessed internally by staff with the necessary expertise:

| Collection           | Industry Expert |
|----------------------|-----------------|
| Australian Ethnology | P Jones         |
| Foreign Ethnology    | B Craig         |

## Museum Board

Collections deemed to be culturally sensitive, including human remains or items which are 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 and Archives.

### 2.11 Impairment of assets

All non-current assets are tested for indication of impairment at each reporting date. Where there is an indication of impairment, the recoverable amount is estimated. An amount by which the asset's carrying amount exceeds the recoverable amount is recorded as an impairment loss.

For re-valued assets an impairment loss is offset against the asset revaluation surplus.

### 2.12 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. 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:

| <u>Class of Asset</u>      | <u>Useful Life (Years)</u> |
|----------------------------|----------------------------|
| Buildings and improvements | 20-100                     |
| Plant and equipment :      |                            |
| Exhibition                 | 10                         |
| Commerical Vehicles        | 20-25                      |
| Other                      | 5 -15                      |
| Computer equipment         | 3-5                        |

Exhibitions with a life of less than one year are expensed.

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, as their service potential has not, in any material sense, been consumed during the reporting period.

### 2.13 Payables

Payables include creditors, accrued expenses and staff on-costs.

Creditors and accrued expenses represent goods and services provided by other parties during the period that are unpaid at the end of the reporting period. All payables are measured at their nominal amount and are normally settled within 30 days from the date of the invoice or date the invoice is first received.

Staff on-costs include superannuation contributions and payroll tax with respect to outstanding liabilities for salaries and wages, long service leave and annual leave.

### 2.14 Staff benefits

These benefits accrue for staff as a result of services provided up to the reporting date that remain unpaid. Long-term staff benefits are measured at present value and short-term benefits are measured at nominal amounts.

No provision has been made for sick leave as all sick leave is non-vesting and the average sick leave taken in future years by staff is estimated to be less than the annual entitlement of sick leave.

#### (i) *Salaries, Wages and Annual Leave*

Liabilities for salaries, wages and annual leave have been recognised as the amount unpaid at the reporting date at remuneration rates current at reporting date. The annual leave liability is expected to be payable within twelve months and is measured at the undiscounted amount expected to be paid.

#### (ii) *Long Service Leave*

An actuarial assessment of long service leave undertaken by the Department of Treasury and Finance based on a significant sample of employees throughout the South Australian public sector determined that the liability measured using the short hand method was not materially different from the liability measured using the present value of expected future payments.

This calculation is consistent with the Board's experience of staff retention and leave taken.

#### (iii) *On-Costs*

Staff benefit on-costs (payroll tax, workers compensation and superannuation) are recognised separately under payables.

#### (iv) *Superannuation*

The Board makes contributions to several State Government and externally managed superannuation schemes. 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 respective superannuation schemes. The only liability outstanding at balance date relates to any contributions due but not yet paid to the relevant superannuation schemes. The Department of Treasury and Finance centrally recognises the superannuation liability, for the schemes operated by the State Government, in the whole-of-government financial statements.

2.15 **Workers compensation provision**

A liability has been reported to reflect unsettled workers compensation claims. The workers compensation provision is an actuarial estimate of the outstanding liability as at 30 June 2012 provided by a consulting actuary engaged through the Public Sector Workforce Relations Division of the Department of the Premier and Cabinet.

2.16 **Leases**

The Board has entered into a number of operating lease agreements for accommodation, vehicles and office equipment 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 Comprehensive Income on a straight-line basis over the lease term.

2.17 **Comparative information**

The presentation and classification of items in the financial statements are consistent with prior periods except where specific Accounting Standards and/or Accounting Policy Statements have required a change.

Where presentation or classification of items in the financial statements have been amended, comparative figures have been adjusted to conform to changes in presentation or classification in these financial statements unless impracticable to do so.

The restated comparative amounts do not replace the original financial statements for the preceding period.

2.18 **Taxation**

The Board is not subject to income tax. The Board is liable for payroll tax, fringe benefits tax, goods and services tax (GST) and the emergency services levy.

Income, 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. As such, there are no cash flows relating to GST transactions with the Australian Taxation Office in the Statement of Cash Flows.

2.19 **State Government funding**

The financial statements are presented under the assumption of ongoing financial support being provided to the Board by the State Government.

2.20 **Rounding**

All amounts in the financial statements and accompanying notes have been rounded to the nearest thousand dollars (\$'000).

2.21 **Insurance**

The Board has arranged, through SAICORP, a division of the SA Government Financing Authority, to insure all major risks of the Board. The excess payable is fixed under this arrangement.

2.22 **Unrecognised contractual commitments and contingent assets and liabilities**

Commitments include those operating, capital and outsourcing commitments arising from contractual or statutory sources and are disclosed at their nominal value.

Contingent assets and contingent liabilities are not recognised in the Statement of Financial Position, but are disclosed by way of a Note and, if quantifiable, are measured at nominal value.

Unrecognised contractual commitments and contingencies are disclosed net of the amount of GST recoverable from, or payable to the Australian Taxation Office. If GST is not payable to, or recoverable from the Australian Taxation Office, the commitments and contingencies are disclosed on a gross basis.

3 Staff benefits

|                                 | 2012         | 2011         |
|---------------------------------|--------------|--------------|
|                                 | \$'000       | \$'000       |
| Salaries and wages              | 5,329        | 5,243        |
| Long service leave              | 442          | 229          |
| Annual leave                    | 17           | 35           |
| Staff on-costs - superannuation | 576          | 541          |
| Staff on-costs - other          | 301          | 284          |
| TVSP Payments                   | 124          | -            |
| Board fees                      | 46           | 42           |
| Other staff related expenses    | (123)        | 31           |
| <b>Total Staff benefits</b>     | <b>6,712</b> | <b>6,405</b> |

| <b>Targeted voluntary separation packages</b>                        | <b>2012</b>   | <b>2011</b>   |
|--|---------------|---------------|
|  | <b>\$'000</b> | <b>\$'000</b> |
| Amount paid to these staff:  |               |               |
| TVSPs  | 124           | -             |
| Annual Leave and long service leave paid during the reporting period | 32            | -             |
|  | 156           | -             |
| Less: Recovery from the Department of Treasury and Finance           | (124)         | -             |
| Net cost to Museum   | 32            | -             |

|   |   |   |
|---|---|---|
| Number of staff who were paid TVSPs during the reporting period | 1 | - |
|---|---|---|

Remuneration of staff

The number of staff whose remuneration received falls within the following bands:

|                        | 2012         | 2011         |
|------------------------|--------------|--------------|
|                        | No. of staff | No. of staff |
| \$134 000 to \$143 999 | 1            | 1            |
| \$144 000 to \$153 999 | -            | 1            |
| \$174 000 to \$183 999 | -            | 1            |
| \$184 000 to \$193 999 | 1            | -            |
|                        | 2            | 3            |

The table includes all staff who received remuneration equal to or greater than the base executive remuneration level during the year. Remuneration of staff reflects all costs including salaries and wages, payments in lieu of leave, superannuation contributions, fringe benefits tax and other salary sacrifice benefits. The total remuneration received by these staff members for the year was \$330 000 (2011: \$469 000).

4 Remuneration of board and committee members

Members that were entitled to receive remuneration for membership during the 2011-12 financial year were:

Museum Board (9 Members)

Aboriginal Advisory Committee (7 Members)

Museum Board

Dr J Lomax-Smith (Chairperson - appointed 18 August 2011)  
Mr D Adelson (appointed 30 April 2012)  
Ms N Buddle  
Mr D Dalla Valle (appointed 18 August 2011)  
Ms E D Perry  
Mr D Rathman (appointed 30 April 2012)  
Ms N Stott Despoja  
Mr M Worton (appointed 18 August 2011)  
Dr S Carthew (resigned 20 October 2011)  
Mr J Ellice-Flint (term expired 13 August 2011)  
Mr P Ah Chee (term expired 27 July 2011)

Aboriginal Advisory Committee

Mr D Rathman (Chairperson - appointed 19 July 2012)  
Mr L O'Brien  
Ms L O'Donohue  
Mr M Turner  
Dr S Miller  
Ms E D Perry  
Ms L Buckskin (appointed 2 February 2012)  
Mr P Ah Chee (term expired 27 July 2011)

The number of members whose remuneration received or receivable falls within the following bands:

|                     | 2012 | 2011 |
|---------------------|------|------|
| \$0 - \$9,999       | 6    | 8    |
| \$10,000 - \$19,999 | 3    | 3    |
|                     | 9    | 11   |

Remuneration of members reflects all costs of performing board/committee member duties including sitting fees. The total remuneration received by members was \$45 000 (2011: \$45 000).

Amounts paid to a superannuation plan for board/committee members were \$3 740 (2011: \$3 150).

Related party disclosures

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 favorable 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.

5 Supplies and services

|                                | 2012   | 2011   |
|--------------------------------|--------|--------|
|                                | \$'000 | \$'000 |
| Supplies and services          |        |        |
| Cost of goods sold             | 10     | 10     |
| Insurance and risk management  | 336    | 368    |
| Marketing                      | 302    | 249    |
| Administration                 | 176    | 146    |
| IT services and communications | 269    | 253    |
| Maintenance                    | 56     | 82     |
| Artlab conservation work       | 290    | 312    |
| Business services charge       | 141    | 141    |
| Collections                    | 22     | 94     |
| Exhibitions                    | 202    | 160    |
| Research                       | 649    | 685    |
| Travel and accommodation       | 163    | 150    |
| Contractors                    | 150    | 139    |
| Motor vehicle expenses         | 73     | 66     |
| Minor equipment                | 90     | 138    |
| Fees                           | 148    | 289    |
| Consultants                    | 63     | 42     |
| Audit Fees                     | 31     | 28     |
| OHS&W                          | 29     | 15     |
| Other                          | 281    | 269    |
| Total supplies and services    | 3,481  | 3,636  |

Supplies and services provided by entities within the SA Government

|  |       |       |
|--|-------|-------|
| Insurance and risk management                        | 336   | 368   |
| Marketing  | 1     | -     |
| Administration                                       | 7     | 1     |
| IT services and communications                       | 120   | 97    |
| Maintenance  | 12    | 32    |
| Artlab conservation work                             | 290   | 312   |
| Business services charge                             | 141   | 141   |
| Collections  | -     | 5     |
| Exhibitions  | 5     | 4     |
| Research   | -     | 3     |
| Motor vehicle expenses                               | 59    | 43    |
| Minor equipment                                      | 1     | 1     |
| Fees   | -     | 6     |
| Audit Fees   | 31    | 28    |
| Other  | 19    | 9     |
| Total supplies and services – SA Government entities | 1,022 | 1,050 |

Consultants

The number and dollar amount of consultancies paid/payable (included in Consultants expense shown above) fell within the following bands:

|   | 2012   | 2011   | 2012   | 2011   |
|---|--------|--------|--------|--------|
|   | Number | Number | \$'000 | \$'000 |
| Below \$10,000                            | 4      | 3      | 10     | 13     |
| Between \$10,000 and \$50,000             | -      | 2      | -      | 29     |
| Greater than \$50,000                     | 1      | -      | 53     | -      |
| Total paid/payable to consultants engaged | 5      | 5      | 63     | 42     |

External auditor's remuneration

|   | 2012   | 2011   |
|---|--------|--------|
|   | \$'000 | \$'000 |
| Audit fees paid/payable to the Auditor-General's Department relating to the audit of the financial statements | 31     | 28     |
| Total: External auditor's remuneration  | 31     | 28     |

No other services were provided by the Auditor-General.



| 6 Accommodation and facilities   |              |              |
|--|--------------|--------------|
|  | 2012         | 2011         |
|  | \$'000       | \$'000       |
| Accommodation and facilities   |              |              |
| Accommodation  | 653          | 632          |
| Facilities   | 1,114        | 877          |
| Security   | 844          | 810          |
| <b>Total accommodation and facilities</b>                                  | <b>2,611</b> | <b>2,319</b> |
| Accommodation and facilities provided by entities within the SA Government |              |              |
| Accommodation  | 321          | 338          |
| Facilities   | 756          | 542          |
| Security   | 3            | 1            |
| <b>Total accommodation and facilities – SA Government entities</b>         | <b>1,080</b> | <b>881</b>   |
| 7 Depreciation   |              |              |
|  | 2012         | 2011         |
|  | \$'000       | \$'000       |
| Buildings and improvements   | 1,322        | 1,312        |
| Plant and equipment  | 583          | 581          |
| Computer equipment   | 4            | 1            |
| <b>Total depreciation</b>  | <b>1,909</b> | <b>1,894</b> |
| 8 Grants   |              |              |
|  | 2012         | 2011         |
|  | \$'000       | \$'000       |
| General grants   | 352          | 322          |
| Commonwealth grants  | 158          | 252          |
| <b>Total grants</b>  | <b>510</b>   | <b>574</b>   |
| 9 Fees and charges   |              |              |
|  | 2012         | 2011         |
|  | \$'000       | \$'000       |
| Admissions   | 198          | 50           |
| Functions  | 108          | 94           |
| Fees for service   | 408          | 463          |
| Other  | 81           | 72           |
| <b>Total fees and charges</b>  | <b>795</b>   | <b>679</b>   |
| 10 Sponsorships  |              |              |
|  | 2012         | 2011         |
|  | \$'000       | \$'000       |
| Sponsorships received/receivable   |              |              |
| Cash sponsorships  | 862          | 171          |
| In-kind sponsorships   | 20           | 40           |
| <b>Total sponsorships</b>  | <b>882</b>   | <b>211</b>   |
| Sponsorships received/receivable from entities within the SA Government    |              |              |
| Cash sponsorships  | 638          | 10           |
| <b>Total sponsorships – SA Government entities</b>                         | <b>638</b>   | <b>10</b>    |
| 11 Interest and investment income  |              |              |
|  | 2012         | 2011         |
|  | \$'000       | \$'000       |
| Interest   | 37           | 47           |
| Investments  | 84           | 161          |
| <b>Total interest and investment income</b>                                | <b>121</b>   | <b>208</b>   |
| 12 Net gain (loss) from the disposal of non-current assets                 |              |              |
|  | 2012         | 2011         |
|  | \$'000       | \$'000       |
| Investments  |              |              |
| Proceeds from disposal   | 382          | 55           |
| Less: Net book value of assets disposed                                    | (289)        | (83)         |
| <b>Net gain from disposal of investments</b>                               | <b>93</b>    | <b>(28)</b>  |

|  |           |             |
|--|-----------|-------------|
| <b>Plant and equipment</b>                           |           |             |
| Proceeds from disposal                               | 1         | -           |
| Less: Net book value of assets disposed              | -         | -           |
| <b>Net gain from disposal of plant and equipment</b> | <b>1</b>  | <b>-</b>    |
| <b>Total assets</b>                                  |           |             |
| Total proceeds from disposal                         | 383       | 55          |
| Less: Total net book value of assets disposed        | (289)     | (83)        |
| <b>Total net gain/(loss) from disposal of assets</b> | <b>94</b> | <b>(28)</b> |

### 13 Resources received free of charge

|  |               |               |
|--|---------------|---------------|
|  | <b>2012</b>   | <b>2011</b>   |
|  | <b>\$'000</b> | <b>\$'000</b> |
| Business services charge                       | 141           | 141           |
| Artlab conservation work                       | 290           | 312           |
| <b>Total resources received free of charge</b> | <b>431</b>    | <b>453</b>    |

### 14 Other income

|                           |               |               |
|---------------------------|---------------|---------------|
|                           | <b>2012</b>   | <b>2011</b>   |
|                           | <b>\$'000</b> | <b>\$'000</b> |
| Exhibition hire           | 28            | 25            |
| Other                     | 157           | 140           |
| <b>Total other income</b> | <b>185</b>    | <b>165</b>    |

### 15 Receivables

|                          |               |               |
|--------------------------|---------------|---------------|
|                          | <b>2012</b>   | <b>2011</b>   |
|                          | <b>\$'000</b> | <b>\$'000</b> |
| <b>Receivables</b>       |               |               |
| Receivables              | 479           | 319           |
| Prepayments              | 11            | 22            |
| Accrued income           | 67            | 72            |
| <b>Total receivables</b> | <b>557</b>    | <b>413</b>    |

#### *Interest rate and credit risk:*

Receivables are raised for all goods and services provided for which payment has not been received. Receivables are normally settled within 30 days. Trade receivables and accrued income are non-interest bearing. It is not anticipated that counterparties will fail to discharge their obligations. The carrying amount of receivables approximates net fair value due to being receivable on demand. In addition, there is no concentration of credit risk.

a) *Maturity analysis of payables - refer Note 26*

b) *Categorisation of financial instruments and risk exposure information - refer Note 26*

### 16 Property, plant and equipment

|  |               |               |
|--|---------------|---------------|
|  | <b>2012</b>   | <b>2011</b>   |
|  | <b>\$'000</b> | <b>\$'000</b> |
| <b>Land, buildings and improvements</b>        |               |               |
| Land at valuation                              | 7,440         | 7,440         |
| Buildings and improvements at valuation        | 58,737        | 58,737        |
| Less: Accumulated depreciation                 | (36,699)      | (35,377)      |
| <b>Total: Land, buildings and improvements</b> | <b>29,478</b> | <b>30,800</b> |
| <b>Work in progress</b>                        |               |               |
| Work in progress at cost                       | 288           | -             |
| <b>Total: Work in progress</b>                 | <b>288</b>    | <b>-</b>      |
| <b>Plant and equipment</b>                     |               |               |
| At cost (deemed fair value)                    | 7,555         | 7,240         |
| Less: Accumulated depreciation                 | (2,589)       | (2,085)       |
| <b>Total: Plant and equipment</b>              | <b>4,966</b>  | <b>5,155</b>  |
| <b>Computer equipment</b>                      |               |               |
| At cost (deemed fair value)                    | 35            | 11            |
| Less: Accumulated depreciation                 | (5)           | (1)           |
| <b>Total: Computer equipment</b>               | <b>30</b>     | <b>10</b>     |
| <b>Total: Property, plant and equipment</b>    | <b>34,762</b> | <b>35,965</b> |

| RECONCILIATION OF PROPERTY, PLANT AND EQUIPMENT<br>2011-12 |        |                          |                  |                   |                    |                       |
|--|--------|--------------------------|------------------|-------------------|--------------------|-----------------------|
|  | Land   | Buildings & improvements | Work in progress | Plant & equipment | Computer equipment | Total tangible assets |
|  | \$'000 | \$'000                   | \$'000           | \$'000            | \$'000             | \$'000                |
| Carrying amount at 1 July 2011                             | 7,440  | 23,360                   | -                | 5,155             | 10                 | 35,965                |
| Additions  | -      | -                        | 288              | 394               | 24                 | 706                   |
| Disposals  | -      | -                        | -                | (80)              | -                  | (80)                  |
| Accumulated depreciation on disposals                      | -      | -                        | -                | 80                | -                  | 80                    |
| Depreciation   | -      | (1,322)                  | -                | (583)             | (4)                | (1,909)               |
| Carrying amount at 30 June 2012                            | 7,440  | 22,038                   | 288              | 4,966             | 30                 | 34,762                |

| RECONCILIATION OF PROPERTY, PLANT AND EQUIPMENT<br>2010-11 |        |                          |                  |                     |                    |                       |
|--|--------|--------------------------|------------------|---------------------|--------------------|-----------------------|
|  | Land   | Buildings & improvements | Work in progress | Plant and equipment | Computer equipment | Total tangible assets |
|  | \$'000 | \$'000                   | \$'000           | \$'000              | \$'000             | \$'000                |
| Carrying amount at 1 July 2010                             | 7,440  | 24,628                   | -                | 5,653               | -                  | 37,721                |
| Additions  | -      | 44                       | -                | 83                  | 11                 | 138                   |
| Depreciation   | -      | (1,312)                  | -                | (581)               | (1)                | (1,894)               |
| Carrying amount at 30 June 2011                            | 7,440  | 23,360                   | -                | 5,155               | 10                 | 35,965                |

## 17 Heritage collections

|  | 2012           | 2011           |
|--|----------------|----------------|
|  | \$'000         | \$'000         |
| Social/Industrial History              | 278            | 278            |
| Australian Aboriginal Ethnographic     | 24,778         | 24,615         |
| Foreign Ethnology                      | 8,448          | 8,430          |
| Australian Polar Collection            | 4,733          | 4,664          |
| Archives/Artwork                       | 16,714         | -              |
| Archaeology                            | 69,305         | 69,305         |
| Minerals                               | 17,421         | 17,343         |
| Malacology                             | 7,686          | 7,686          |
| Butterflies                            | 41             | 41             |
| Australian Biological Tissue Bank      | 17,611         | 17,611         |
| Australian Helminthological Collection | 24,026         | 24,026         |
| Entomology                             | 79,904         | 79,904         |
| Arachnology                            | 11,026         | 11,026         |
| Marine Invertebrates                   | 15,553         | 15,553         |
| Ichthyology                            | 4,824          | 4,824          |
| Herpetology                            | 6,480          | 6,480          |
| Ornithology                            | 12,475         | 12,475         |
| Mammalogy                              | 7,963          | 7,963          |
| Fossil                                 | 24,259         | 24,259         |
| Library                                | 6,398          | 6,398          |
| <b>Total heritage collections</b>      | <b>359,923</b> | <b>342,881</b> |

### Reconciliation of carrying amounts of heritage collections

|  | 2012           |            |                       | 2011            |                |            |                       |
|--|----------------|------------|-----------------------|-----------------|----------------|------------|-----------------------|
|  | Balance 1 July | Additions  | Revaluation Increment | Balance 30 June | Balance 1 July | Additions  | Revaluation Increment |
|  | \$'000         | \$'000     |                       | \$'000          | \$'000         | \$'000     | \$'000                |
| Social/Industrial History              | 278            | -          | -                     | 278             | 239            | -          | 39                    |
| Australian Aboriginal Ethnographic     | 24,615         | 163        | -                     | 24,778          | 21,369         | 149        | 3,097                 |
| Foreign Ethnology                      | 8,430          | 18         | -                     | 8,448           | 7,035          | 333        | 1,062                 |
| Australian Polar Collection            | 4,664          | 69         | -                     | 4,733           | 3,744          | -          | 920                   |
| Archives/Artwork                       | -              | -          | 16,714                | 16,714          | -              | -          | -                     |
| Archaeology                            | 69,305         | -          | -                     | 69,305          | -              | -          | 69,305                |
| Minerals                               | 17,343         | 78         | -                     | 17,421          | 16,984         | 76         | 283                   |
| Malacology                             | 7,686          | -          | -                     | 7,686           | 4,110          | -          | 3,576                 |
| Butterflies                            | 41             | -          | -                     | 41              | 35             | -          | 6                     |
| Australian Biological Tissue Bank      | 17,611         | -          | -                     | 17,611          | 7,352          | -          | 10,259                |
| Australian Helminthological Collection | 24,026         | -          | -                     | 24,026          | 11,727         | -          | 12,299                |
| Entomology                             | 79,904         | -          | -                     | 79,904          | 31,686         | 198        | 48,020                |
| Arachnology                            | 11,026         | -          | -                     | 11,026          | 4,795          | -          | 6,231                 |
| Marine Invertebrates                   | 15,553         | -          | -                     | 15,553          | 8,923          | -          | 6,630                 |
| Ichthyology                            | 4,824          | -          | -                     | 4,824           | 1,819          | -          | 3,005                 |
| Herpetology                            | 6,480          | -          | -                     | 6,480           | 4,200          | -          | 2,280                 |
| Ornithology                            | 12,475         | -          | -                     | 12,475          | 8,939          | -          | 3,536                 |
| Mammalogy                              | 7,963          | -          | -                     | 7,963           | 5,962          | -          | 2,001                 |
| Fossil                                 | 24,259         | -          | -                     | 24,259          | 719            | -          | 23,540                |
| Library                                | 6,398          | -          | -                     | 6,398           | 5,608          | -          | 790                   |
| <b>Carrying amount at 30 June</b>      | <b>342,881</b> | <b>328</b> | <b>16,714</b>         | <b>359,923</b>  | <b>145,246</b> | <b>756</b> | <b>196,879</b>        |

## 18 Investments

|  | 2012         | 2011         |
|--|--------------|--------------|
|  | \$'000       | \$'000       |
| Investments with entities other than SAFA:                   |              |              |
| <b>Non-Current</b>   |              |              |
| Shares, convertible notes and other investments in companies | 1,204        | 1,493        |
| <b>Total non-current investments</b>                         | <b>1,204</b> | <b>1,493</b> |
| <b>Total investments</b>                                     | <b>1,204</b> | <b>1,493</b> |

The market value of investments as at 30 June 2012 is \$1.014 million (2011: \$1.465 million)

Of the three investment accounts; Museum Board, Norman B Tindale Memorial and the Mawson Collection - there are restrictions in place for both the Norman B Tindale Memorial and Mawson Collection relating to funds totalling \$710 000 (\$913 000).

## 19 Payables

|                                   | 2012       | 2011       |
|-----------------------------------|------------|------------|
|                                   | \$'000     | \$'000     |
| <b>Current</b>                    |            |            |
| Creditors and accruals            | 256        | 279        |
| Staff on-costs                    | 110        | 108        |
| <b>Total current payables</b>     | <b>366</b> | <b>387</b> |
| <b>Non-current</b>                |            |            |
| Staff on-costs                    | 116        | 98         |
| <b>Total non-current payables</b> | <b>116</b> | <b>98</b>  |
| <b>Total payables</b>             | <b>482</b> | <b>485</b> |

### Payables to SA Government entities

|  |            |            |
|--|------------|------------|
| Creditors and accruals                         | 10         | 71         |
| Staff on-costs                                 | 109        | 100        |
| <b>Total payables – SA Government entities</b> | <b>119</b> | <b>171</b> |

An actuarial assessment performed by the Department of Treasury and Finance determined that the percentage of the proportion of long service leave taken as leave has changed from the 2011 rate of 35% to 40 %, and the average factor for the calculation of employer superannuation on-cost remains unchanged from the 2011 rate of 10.3%. These rates are used in the employment on-cost calculation.

### Interest rate and credit risk

Creditors and accruals are raised for all amounts billed but unpaid. Sundry creditors are normally settled within 30 days. Staff on-costs are settled when the respective staff benefit that they relate to is discharged. All payables are non-interest bearing. The carrying amount of payables approximates net fair value due to the amounts being payable on demand.

a) *Maturity analysis of payables - refer Note 26*

b) *Categorisation of financial instruments and risk exposure information - refer Note 26*

## 20 Staff benefits

|   | 2012         | 2011         |
|---|--------------|--------------|
|   | \$'000       | \$'000       |
| <b>Current</b>                          |              |              |
| Annual leave                            | 522          | 543          |
| Long service leave                      | 304          | 248          |
| <b>Total current staff benefits</b>     | <b>826</b>   | <b>791</b>   |
| <b>Non-current</b>                      |              |              |
| Long service leave                      | 1,251        | 1,124        |
| <b>Total non-current staff benefits</b> | <b>1,251</b> | <b>1,124</b> |

AASB 119 Employee Benefits contains the calculation methodology for long service leave liability. It is accepted practice to estimate the present values of future cash outflows associated with the long service leave liability by using a shorthand measurement technique. The shorthand measurement technique takes into account such factors as changes in discount rates and salary inflation.

AASB 119 requires the use of the yield on long term Commonwealth Government bonds as the discount rate in the measurement of the long service leave liability. The yield on long term Commonwealth Government bonds has decreased from 2011 (5.25%) to 2012 (3.0%).

This significant decrease in the bond yield, which is used as the rate to discount future long service leave cash flows, results in a significant increase in the reported long service leave liability.

The net financial effect of the changes in the current financial year is an increase in the long service leave liability of \$215 000 and employee benefit expense of \$215 000. The impact on future periods is impracticable to estimate as the benchmark is calculated using a number of factors and assumptions – a key assumption is the long-term discount rate. With current conditions, the long-term discount rate is experiencing significant movement.

The actuarial assessment performed by the Department of Treasury and Finance left the salary inflation rate at 4 percent. As a result, there is no net financial effect resulting from changes in the salary inflation rate.

21 Provision

|   | 2012      | 2011       |
|---|-----------|------------|
|   | \$'000    | \$'000     |
| <b>Current</b>  |           |            |
| Provision for workers compensation                                  | 8         | 41         |
| <b>Total current provision</b>                                      | <b>8</b>  | <b>41</b>  |
| <b>Non-current</b>  |           |            |
| Provision for workers compensation                                  | 35        | 138        |
| <b>Total non-current provision</b>                                  | <b>35</b> | <b>138</b> |
| <b>Total provision</b>  | <b>43</b> | <b>179</b> |
| <b>Reconciliation of the provision for workers compensation</b>     |           |            |
| Provision at the beginning of the financial year                    | 179       | 158        |
| Increase (decrease) in provision during the year                    | (136)     | 21         |
| Provision for workers compensation at the end of the financial year | 43        | 179        |

22 Cash flow reconciliation

|   |              |            |
|---|--------------|------------|
| <b>Reconciliation of cash</b>   |              |            |
| For the purposes of the Statement of Cash Flows, cash includes cash on hand and at bank. Cash as at the end of the financial year as shown in the Statement of Cash Flows is reconciled to the items in the Statement of Financial Position as follows: |              |            |
|   | 2012         | 2011       |
|   | \$'000       | \$'000     |
| Deposits with the Treasurer   | 1,382        | 642        |
| JB Were Investments   | 542          | 88         |
| Cash on hand  | 11           | 11         |
| <b>Cash as recorded in the Statement of Financial Position</b>  | <b>1,935</b> | <b>741</b> |

Deposits with the Treasurer

Deposits with the Treasurer are a combination of funds held in the "Museum Board - Bequests Account", an account held with the Treasurer of South Australia pursuant to section 21 of the Public Finance and Audit Act 1987, and funds held in the Premier and Cabinet Operating Account, an account held with the Treasurer of South Australia pursuant to section 8 of the Public Finance and Audit Act 1987. There are stipulated restrictions on the use of the Zimmerman Bequest component of the cash funds available \$100 000 (\$100 000).

Deposits with JB Were

Deposits with JB Were are the total of the Cash Trust Accounts for the three managed investment funds - Museum Board, Norman B Tindale Memorial and the Mawson Collection. There are restrictions in place for the cash accounts for Norman B Tindale Memorial and Mawson Collection \$365 750 (\$52 000).

Cash on hand

Cash on hand includes petty cash, floats, change machines and an advance account.

Interest rate risk

Cash and cash equivalents are recorded at nominal value. Interest is calculated based on the average daily balances of the interest bearing funds. The interest bearing funds of the Board are held in the section 21 interest bearing account titled the "Museum Board - Bequests Account" and the JB Were accounts.

|  |                |                 |
|--|----------------|-----------------|
| <b>Reconciliation of net cash provided by operating activities to net cost of providing services</b> | <b>2012</b>    | <b>2011</b>     |
|  | <b>\$'000</b>  | <b>\$'000</b>   |
| <b>Net cash provided by operating activities</b>   | 1,584          | 91              |
| Less revenues from SA Government   | (10,145)       | (9,057)         |
| <b>Add/(less) non-cash items:</b>  |                |                 |
| Depreciation of property, plant and equipment  | (1,909)        | (1,894)         |
| Donations of heritage collections  | 261            | 756             |
| In-kind sponsorship  | 20             | -               |
| Net gain on disposal of non-current assets   | 94             | (28)            |
| <b>Changes in assets and liabilities</b>   |                |                 |
| Increase (Decrease) in receivables   | 124            | (12)            |
| Decrease (Increase) in payables  | 3              | (27)            |
| (Increase) Decrease in staff benefits  | (162)          | 99              |
| Decrease (Increase) in provision   | 136            | (21)            |
| <b>Net cost of providing services</b>  | <b>(9,994)</b> | <b>(10,093)</b> |

## 23 Unrecognised contractual commitments

### Operating lease commitments:

Commitments under non-cancellable operating leases at the reporting date not recognised as liabilities in the financial statements, are payable as follows:

|   | 2012   | 2011   |
|---|--------|--------|
|   | \$'000 | \$'000 |
| Not later than one year                           | 351    | 13     |
| Later than one year but not later than five years | 995    | 16     |
| Total: Operating lease commitments                | 1,346  | 29     |

The operating lease commitments comprise:

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. In addition, a memorandum of understanding exists for the rental of storage space in Netley until 30 June 2016.

### Capital commitments:

Capital commitments under contract at the reporting date, but not recognised as liabilities in the financial report, are payable as follows:

|                            | 2012   | 2011   |
|----------------------------|--------|--------|
|                            | \$'000 | \$'000 |
| Not later than one year    | 32     | -      |
| Total: Capital commitments | 32     | -      |

Capital commitments relate to plant and equipment works in progress.

### Remuneration commitments:

Commitments for the payment of salaries and other remuneration under employment contracts in existence at the reporting date but not recognised as liabilities are payable as follows:

|   | 2012   | 2011   |
|---|--------|--------|
|   | \$'000 | \$'000 |
| Not later than one year                           | 181    | 177    |
| Later than one year but not later than five years | 729    | 751    |
| Total: Remuneration commitments                   | 910    | 928    |

Amounts disclosed include commitments arising from executive and other service contracts. The Board does not offer remuneration contracts greater than five years.

### Other commitments:

|   | 2012   | 2011   |
|---|--------|--------|
|   | \$'000 | \$'000 |
| Not later than one year                           | 1,222  | 926    |
| Later than one year but not later than five years | 1,717  | 643    |
| Total: Other commitments                          | 2,939  | 1,569  |

The Board's other commitments are for agreements for security and cleaning.

Contingency provisions within the contracts require the minimum contract payments to be increased by variable operating costs and wage rises. Options exist to renew the contracts at the end of their terms.

## 24 Contingent Assets and Liabilities

The Museum Board is not aware of any contingent assets or liabilities as at 30 June 2012.

## 25 Events after balance date

There are no known events after balance date that affect these financial statements in a material manner.

26 Financial instruments/Financial risk management

Table 26 .1 Categorisation of financial instruments

Details of the significant accounting policies and methods adopted including the criteria for recognition, the basis of measurement, and the basis on which income and expenses are recognised with respect to each class of financial asset, financial liability and equity instrument are disclosed in Note 2 *Summary of Significant Accounting Policies*.

| Category of financial asset and financial liability | Statement of Financial Position line item | Note | 2012            |            | 2011            |            |
|---|---|------|-----------------|------------|-----------------|------------|
|   |   |      | Carrying amount | Fair value | Carrying amount | Fair value |
|   |   |      | \$'000          | \$'000     | \$'000          | \$'000     |
| <b>Financial assets</b>                             |   |      |                 |            |                 |            |
| Cash and cash equivalents                           | Cash                                      | 22   | 1,935           | 1,935      | 741             | 741        |
|   | Investments                               | 18   | 1,204           | 1,014      | 1,493           | 1,465      |
| Loans and receivables                               | Receivables <sup>(1)</sup>                | 15   | 546             | 546        | 391             | 391        |
| <b>Financial liabilities</b>                        |   |      |                 |            |                 |            |
| Financial liabilities at cost                       | Payables <sup>(1)</sup>                   | 19   | 256             | 256        | 279             | 279        |

<sup>(1)</sup> Receivable and payable amounts disclosed here exclude amounts relating to statutory receivables and payables. In government, certain rights to receive or pay cash may not be contractual and therefore in these situations, the requirements will not apply. Where rights or obligations have their source in legislation such as levy receivables/payables, tax equivalents, commonwealth tax, audit receivables/payables etc they would be excluded from the disclosure. The standard defines contract as enforceable by law. All amounts recorded are carried at cost (not materially different from amortised cost).

Credit risk

Credit risk arises when there is the possibility of the Board’s debtors defaulting on their contractual obligations resulting in financial loss to the Board. The Board measures credit risk on a fair value basis and monitors risk on a regular basis.

The Board has minimal concentration of credit risk. The Board has policies and procedures in place to ensure that transactions occur with customers with appropriate credit history. The Board does not engage in high risk hedging for its financial assets.

Allowances for impairment of financial assets are calculated on past experience and current and expected changes in client credit rating. Currently the Board does not hold any collateral as security to any of its financial assets. There is no evidence to indicate that the financial assets are impaired.

Maturity analysis of financial assets and liabilities

All financial assets and financial liabilities mature within one year.

Table 26.2 Ageing analysis of Financial Assets

The following table discloses the ageing of financial assets past due:

| Financial assets item | Overdue for 30–60 days | Overdue for > 60 days | Total  |
|-----------------------|------------------------|-----------------------|--------|
|                       | \$'000                 | \$'000                | \$'000 |
| <b>2012</b>           |                        |                       |        |
| <b>Not impaired</b>   |                        |                       |        |
| Receivables           | 24                     | 53                    | 77     |
| <b>2011</b>           |                        |                       |        |
| <b>Not impaired</b>   |                        |                       |        |
| Receivables           | 57                     | 57                    | 114    |