

# Western Australian Museum Annual Report 2002-2003



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New Maritime Museum building - Victoria Quay



Western Australian Museum  
**Annual Report 2002-2003**



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Coordinated by Ann Ousey and Nick Mayman

Edited by Roger Bourke

Designed by Charmaine Cave

Layout by Gregory Jackson

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**Western Australian Museum**

Head Office and Administration  
 Perth Cultural Centre, Perth WA 6000  
 Telephone: (08) 9427 2700  
 Facsimile: (08) 9427 2882  
 Open daily 9.30 am – 5.00 pm  
 Boxing Day and Anzac Day 1.00–5.00 pm

**Western Australian Maritime Museum**

Cliff Street, Fremantle WA 6160  
 Telephone: (08) 9431 8444  
 Facsimile: (08) 9431 8490  
 Open daily 9.30 am – 5.00 pm

**Fremantle History Museum**

Finnerty Street, Fremantle WA 6160  
 Telephone: (08) 9430 7966  
 Facsimile: (08) 9430 7458  
 Open Sunday–Friday 10.30 am – 4.30 pm;  
 Saturday and public holidays 1.00–5.00 pm

**Samson House**

Cnr Ellen and Ord Streets, Fremantle WA 6160  
 Telephone: (08) 9335 2553  
 Open Thursday and Sunday 1.00–5.00 pm  
 Entry donation \$3.00  
 Tours \$5.00 per person

**Western Australian Museum–Albany**

Residency Road, Albany WA 6330  
 Telephone: (08) 9841 4844  
 Facsimile: (08) 9841 4027  
 Open daily 10.00 am – 5.00 pm

**Western Australian Museum–Geraldton**

Museum Place, Batavia Coast Marina, Geraldton WA 6530  
 Telephone: (08) 9921 5080  
 Facsimile: (08) 9921 5158  
 Open daily 10.00 am – 4.00 pm

**Western Australian Museum–Kalgoorlie-Boulder**

Hannan Street, Kalgoorlie WA 6430  
 Telephone: (08) 9021 8533  
 Facsimile: (08) 9091 2791  
 Open daily 10.00 am – 4.30 pm

Admission free at all sites except Victoria Quay and Samson House. Donations gratefully received. An entry fee may apply to special exhibitions. Admission fees apply to the new Maritime Museum and submarine Ovens, both at Victoria Quay, Fremantle. All sites closed Christmas Day and Good Friday



# Letter to the Minister

The Hon Sheila McHale MLA

Minister responsible for the *Museum Act 1969*

Minister

In accordance with the provisions of section 66 of the *Financial Administration and Audit Act 1985*, we have pleasure submitting for your information and presentation to Parliament the Annual Report of the Western Australian Museum for the financial year ending 30 June 2003.

This year will be seen as one of the most historically significant for the Museum, in terms of delivering major projects and laying foundations for an even brighter future.

The new Western Australian Maritime Museum in Fremantle and the Mid-West Gallery in the Western Australian Museum–Geraldton were the large capital projects concluded this year. Almost all Museum staff were involved in one or both of these and their successful delivery reflects the enthusiasm and skill of that diverse staff group. The new Maritime Museum attracted over 203,000 visitors in the seven months since opening, taking visitation of all the WA Museum sites to over 916,000 for the year, the highest number in our history.

We recognise and appreciate the support of Government in proceeding with the planning for redevelopment of the Museum's Perth site. The new annexe at Kew Street will improve collection storage immeasurably. As well, we will be able to improve the working conditions of staff and enhance public access to collections. This is a great step forward for the Museum's operations.

Throughout all of this, the Museum has maintained its research, exhibition and education programs. In particular, the school holiday program delivered through the Discovery Centre has reached new highs in visitation, with 11,536 visitors in one week period alone.

Minister, the Trustees extend their thanks for your great support in our capital works programs and in taking the Museum forward in its Perth site development. We thank you for your ongoing support of our collection, research and public programs. Your participation in many of the Museum activities throughout the year was much appreciated.

The Trustees also thank the Museum Foundation under the Chair of John Poynton for their commitment to enhancing the Museum's programs through securing corporate and private support. The Friends of the WA Museum are to be thanked for their contribution to the rich array of Museum activities over the past 12 months. The Museum's advisory boards and committees have contributed generously of their time in helping our various sites in planning, program development and revenue generation.

The Department of Culture and the Arts under the Director General Alastair Bryant has increased its assistance to the Museum in Human Resources, Financial Services, and Information Services. The Trustees thank the Department for that support.

Trustees acknowledge the enthusiastic and dedicated work of the Executive Director Dr Gary Morgan and his staff in working with Trustees to bring several long-term projects to conclusion. Their work continues as we collectively develop new initiatives to bring exciting and innovative programs to the community.

In conclusion, I extend thanks to the other Trustees for their energy and wise counsel in guiding the Museum through a year of particular challenges and memorable achievements.



*Ken Michael*

DR KEN MICHAEL AM CItWA  
Chair, Board of Trustees  
Western Australian Museum

## A Message from the Minister

I am pleased to table in Parliament the 2002–2003 Annual Report of the Western Australian Museum.

This past year has seen some very significant achievements across the culture and arts sector in this State. I am very pleased that this Government has been able to support so much activity and some significant advancements in the State's major cultural institutions.

The Western Australian Museum has delivered on two large capital works projects. The new Western Australian Maritime Museum opened on Victoria Quay in December 2002. The evocative new building houses a diverse array of visitor experiences, that enhance our understanding of the Indian Ocean and the important relationship of this State with the sea. As well, the last major gallery of the Western Australian Museum—Geraldton opened in 2002, and that city now has a true gateway for local residents and tourists to the cultural and natural heritage of the region.

With \$1 million in funding from the State Government, the Museum has been able to advance on planning for its Perth redevelopment. In addition, Government has provided \$12.5 million for the acquisition of and relocation to a large new facility of the Museum's heritage collections in much-improved conditions. That site will also be the temporary location for Museum curatorial and research staff, until it is possible to develop new facilities closer to the city CBD. It provides a wonderful opportunity to have more of the Museum's extensive collections accessible to the public.

This provides a strong basis for the Museum to better service the people of Western Australia in the care, research and interpretation of the State's natural and cultural heritage collections. I acknowledge the efforts of the Museum Trustees and staff in delivering on a very solid year of achievements. I look forward to working with them in continuing development of an innovative vision for a Western Australian Museum of the future.



A handwritten signature in black ink that reads "Sheila McHale".

Sheila McHale MLA

MINISTER FOR CULTURE AND THE ARTS



## Introduction

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*Premier Geoff Gallop (left) and former Premier Richard Court at the opening of the new Maritime Museum.*



*Dr Jane Fromont, Curator of Marine Invertebrates was awarded a Churchill Fellowship to study type specimens of Western Australian sponges in European collections.*



*(From left) Wongatha Birni Aboriginal Corporation chairman Geoffrey Stokes, WA Museum-Kalgoorlie-Boulder site manager Terry McClafferty, Minister for Culture and the Arts the Hon Sheila McHale and Visitor Service Officer William (Tex) Moore after the opening of the Museum's new ethno-botanical garden.*

Western Australian Museum

# Introducing the Western Australian Museum

## BACKGROUND

The Western Australian Museum was established in 1891 (as the 'Perth Museum') and its initial collections were of geological, ethnological and biological specimens. Indeed, it can claim to be one of the oldest scientific institutions in the state. In 1959, its botanical collection was transferred to the new Herbarium and it continued to concentrate on earth sciences and zoology. The 1960s and 1970s saw the addition of responsibility for developing and maintaining the state's anthropological, archaeological, maritime archaeological and social and cultural history collections.

The collections, currently numbering more than two million specimens/artefacts, are the primary focus of research by the Museum's own staff and others. The Museum's aim is to advocate knowledge about the collections and communicate it to the public through a variety of media, but particularly through a program of exhibitions and publications.

During the year, a total of 916,900 visitors, of whom 57,080 were school students, visited the various Museum sites.

The Museum's recurrent Consolidated Fund Appropriation for this year was \$20,919,000, plus \$1,200,000 for Capital Works. A further \$3,785,000 was attracted from external funding sources, of which \$792,000 comprised research grants. The Museum has a total staff of 216 full-time equivalents.

## ESTABLISHMENT

The Western Australian Museum is a statutory authority within the Arts Portfolio, established under the *Museum Act 1969*. It is a Body Corporate with Perpetual Succession and Common Seal, governed by a Board of seven Trustees, including the Chair and Vice-Chair. The Governor of Western Australia appoints the seven Trustees. The Director General of the Department of Culture and the Arts, or his/her nominee, is a Trustee ex officio. Appointments are made for up to four years and incumbents are eligible for reappointment.

Under section 36 of the *Museum Act*, the Trustees have established the following branches of the Western Australian Museum:

- Western Australian Museum—Science and Culture (Perth site; Fremantle History Museum; Samson House)
- Western Australian Maritime Museum (Victoria Quay and Shipwreck Galleries, Fremantle)
- Western Australian Museum—Albany
- Western Australian Museum—Kalgoorlie-Boulder
- Western Australian Museum—Geraldton

## ACCOUNTABLE AUTHORITY

The Trustees are the Accountable Authority for the purposes of the *Financial Administration and Audit Act 1985*.

## OTHER RELEVANT LEGISLATION

### State Acts (as amended)

- *Maritime Archaeology Act 1973*

### Commonwealth Acts (as amended)

- *Historic Shipwrecks Act 1976*
- *Protection of Moveable Cultural Heritage Act 1986*

# The Museum's Vision, Mission, Functions, Strategic Aims

As part of the state portfolio of Culture and the Arts, the Western Australian Museum operates within the Outcome Statement: 'A community that is informed of, and has access to, a diverse range of innovative ideas, knowledge and cultural experiences.'

The Output Description for the Western Australian Museum is: 'Delivery and promotion of museum services through collection development and management, research, education and visitor services.'

## **VISION**

The Western Australian Museum will equip all Western Australians to better understand themselves, their environments (natural, social and built) and their place in the world.

## **MISSION**

The Museum will, with the support of the Western Australian community, continue to develop informative, interesting and vital programs, to improve the generation, and communication of our knowledge and assist in building sustainable awareness and appreciation of our natural environment and cultural heritage.

## **FUNCTIONS**

The major functions of the Museum are:

### **Collection Management**

The Museum recognises its vital role as a custodian of the state's collections of scientific and cultural heritage. The management and proper use of these collections are fundamental to our operations. These are the 'real objects' that excite, inspire and educate our visitors.

The Museum also recognises it must play a leading role in acquiring objects for these collections that reflect the cultural and natural environment in which we live, thereby enhancing our understanding of it.

### **Knowledge Generation**

The Museum is an organisation of scholarship and recognises that the knowledge it generates through research should be relevant to society and must be effectively communicated to have impact.

### **Knowledge Communication**

The Museum recognises it must communicate its knowledge in relevant, engaging and interactive ways and respond effectively to the needs and wants of its customers. This knowledge will increasingly reflect partnerships with government agencies, industry and the community.

# The Museum's Vision, Mission, Functions, Strategic Aims

## STRATEGIC AIMS

The strategic aims of the Western Australian Museum are to:

- provide enjoyable, safe and stimulating experiences in which Museum visitors learn about and value their natural, social and built environments through a process of discovery and interaction
- position and promote the Museum throughout the state as an expert, responsive and engaging institution
- position and promote the Museum as a major educational centre which integrates teaching and learning theories in the Museum's programs
- ensure elected representatives, business leaders, policy makers and the public fully appreciate the global significance of the Museum's collections, their management and uses; the scholarship of curatorial staff; and the importance of Museum interpretive programs
- fully understand and respond to the needs of all stakeholders
- provide a safe and effective working environment which facilitates Museum staff productivity and satisfaction and which develops and utilises skills in the pursuit of excellence
- focus resources and staff efforts on core operations—collection management, knowledge generation and knowledge communication—to achieve best practice standards
- improve the funding base of the Museum.

## Executive Director's Review

The late Stephen Jay Gould was one of science's most effective popular communicators. In his collection of essays, *Dinosaur in a Haystack*, Gould includes a chapter on *The Glory of Museums*. One of his essays is entitled 'Cabinet Museums: Alive, alive, O!' In that, Gould recounts his personal affection for traditional, Victorian-style natural history museums.

One can understand much of Gould's affection for the cabinets of curiosities that characterise the old-style museum. There is an odd warmth, a welcome familiarity, in the wood and glass display cases and arrays of stuffed animals and mounted skeletons. The world was once seen by many people through this type of museum, with the noses of young visitors pressed hard against the glass, and receiving the bemused return gaze of the glass-eyed specimens behind.

In some respects, museums still capture this fascination with the captured object. It is as if the specimen or object of art or heritage has been caught in a time warp that has it forever coming from or going to somewhere, but never quite making it.

However, museums today have very much more lively roles to play in a modern world. Visiting the WA Museum's new museums in Fremantle—the new Maritime Museum—and in Geraldton, is a reminder of both the connectivity with museums of the past and the dynamic new visitor engagements that museums provide today. In the Maritime Museum, the iconic artefact *Australia II* is captured in time, at the pivotal moment it turned around the last buoy of the last race of the 1983 America's Cup, to go on to win both the race and the Cup. Its setting is vast and drenched in light, with the Indian Ocean as a fitting backdrop through the yawning glass wall of the new award-winning museum. Nearby Jon Sanders stands on the *Parry Endeavour*, also transfixed in time, with his sea anchor coasting on the face of the 100-foot wave about to descend across his decks.

So museums still capture the beauty and the drama of real objects, and set them within an instant of time. But the stories woven around those objects are now rich and varied, and livened by the human condition and the wealth of personal histories that go to make heritage more than objects alone.

Our two new additions reflect the modern museum, with its colour, its diversity and its interactivity. Our planning for new Perth facilities, now underway, will take that even further, with audience and community engagement at a multitude of levels and through a wealth of experiences. With the support of Government and the community, we have delivered on two fine museums and plan the delivery of another. As an important step forward, in the year ahead we will move most of our three million-plus collection objects to new accommodation in Welshpool.

On behalf of the Museum staff, I thank the Minister for Culture and the Arts, the Hon Sheila McHale, for her continuing support of the Museum and her energy in securing improved collection storage facilities. I thank too the Board of Trustees chaired by Dr Ken Michael, and the Museum Foundation chaired by John Poynton, for their tireless guidance and strength. The Museum could not function without its volunteers, and would be much the lesser without its Friends group. The Department for Culture and the Arts has assisted the Museum in many ways through the year. Our sponsors and partners have enhanced every aspect of our work, in collection care, research and public programs. And I would thank the staff of the Museum, for their determination to make new things happen while we continue our commitment to core values.

As Gould observes in his *Glory of Museums*, the value of museums as special places where the diversity of the world is manifest can be expressed in many ways, including the words of Psalm 104:

'O Lord, how manifold are thy works! ... the earth is full of thy riches.'



DR GARY MORGAN  
Executive Director

# Executive Director's Review

## OVERVIEW OF MAJOR EVENTS, ACHIEVEMENTS AND HIGHLIGHTS

The most significant event of 2002–03 was undoubtedly the opening of the new Maritime Museum at Fremantle's Victoria Quay. The new Museum cost \$35 million and was some eight years in planning and construction. The building, suggestive of an upturned boat, won the 2003 Temple Poole award for architecture and is a tribute to architect Steve Woodland of Cox Howlett & Bailey Woodland. The six exhibition galleries attracted over 200,000 visitors in the first seven months of operation. The public response has been overwhelmingly positive. For the first time, general admission charges were introduced at a Western Australian Museum site for access to permanent exhibitions. Income will be used to operate the Museum as a destination of international significance. The Maritime Museum Director Graeme Henderson and all the Western Australian Museum staff who contributed deserve congratulations for their efforts.

This year the State Government allocated \$1 million for the planning of the redevelopment of the Perth site of the Museum. The Museum needs modern facilities to deliver effective services to the public as well as addressing the specific occupational safety and health issues associated with asbestos in the Francis Street Building.

In February 2003, Trustees decided to close the Francis Street Building to the public to allow work on the relocation of the functions within the building. The *Katta Djinoong* Aboriginal Gallery will be extensively refurbished and relocated to the upper level of the Beaufort Street Wing of the Perth site in the first half of 2004. The Marine Gallery will be largely relocated to the Western Australian Museum–Albany, with a number of objects being made available for the Education and Learning Unit's loan collection that reaches schools around the state.

The Museum's natural science, anthropology and history collections will be relocated to a site in Kew Street, Welshpool, together with curatorial, management and administrative staff. The Kew Street Annexe will allow significantly improved storage and environmental conditions for the collections and will resolve a number of occupational safety and health issues associated with the Francis Street Building.

The Kew Street Annexe is a step in the overall redevelopment of the Museum. In the longer term, plans for new exhibition and public facilities are being developed and it is intended that curators and their working collections will be reintegrated with the public programs.

### Other major events in 2002–03 included:

The Mid-West Gallery of the Western Australian Museum in Geraldton was opened in August 2002, completing one of the state's most significant regional cultural facilities. Local Aboriginal community response is that the Mid-West Gallery is a very positive example of cooperation and reconciliation. Since July 2002 over 41,000 people have visited the Geraldton Museum.

The biological survey of the Pilbara region, conducted in conjunction with the Department of Conservation and Land Management, has commenced with sampling of the stygofauna and selection of most major sampling sites for terrestrial survey. Active representation is continuing for the funding required to continue the terrestrial survey. This project is estimated to cost \$12.5 million in total and the full project is still subject to funding negotiations. The survey will establish a baseline for conservation and sustainability strategies.

The Museum produced almost 100 publications this year. These included major books on meteorites, fossil mammals and human evolution, a major monograph on harpetid trilobites, a revised field guide to snakes of Western Australia, *Major Edmund Lockyer: Forgotten Australian Pioneer and Country: Visions of Land and People in Western Australia*. The range of publications reflects the active scholarship of the Museum across all of its disciplines and the commitment to both academic and popular publications.

The online research tool *Faunabase* continues to be an essential source to access information on the state's faunal species and their distribution. Major advancement to *Faunabase* has been

## Executive Director's Review

the addition of Western Australian Museum fish database and integration of terrestrial vertebrate databases from the Northern Territory and Queensland Museums. While *Faunabase* is available to the public free of charge, charges are made for commercial use.

The MuseumLink program has provided a range of topical exhibitions that have toured through regional Western Australia including:

- *The Raja Ampat Islands, a Hotspot for Marine Biodiversity*
- *Percussion*
- *Masks*
- *Wind at Work*
- *Aanpassen, Dutch Migrants to Western Australia*
- *Transpositions*
- *Shedding Skin*

MuseumLink will continue to operate with partners across government, tertiary institutions, communities and the private sector.

A major Chinese festival in collaboration with Chung Wah Association and the Zhejiang Province of the People's Republic of China, was held in October and November 2002. The festival included an exhibition of Chinese women artists, workshops and an artists' exchange. The events coincided with the major *Two Emperors* exhibition, from Xian in China. *Two Emperors* attracted almost 20,000 visitors to the Perth site.

Through the Artist-in-Residence program, and in collaboration with the Research Institute of Cultural Heritage of Curtin University, an exhibition documenting gay and lesbian history and issues was produced. *The Gay Museum* was enthusiastically received by visitors and its season was extended.

The *museum@work* program at the Perth site provided free public seminars throughout the year showcasing the work of the Museum staff to the visitors. The Batavia lecture series at the Maritime Museum was also popular.

One of the most important megafaunal fossil sites in Australia was discovered on the Nullarbor plain. Many complete skeletons including new species were found and collected in June 2002. Examples included marsupial lions and giant kangaroos. International press coverage was obtained. Sponsorship of \$200,000 was received from the Rio Tinto WA Futures Fund for further research and the development of a documentary. A second expedition took place in May 2003. The Museum Documentary Unit is undertaking a major production with NHK Japan to produce a two-hour documentary for international release as well as a special high-definition production.

A major collection of minerals from the Pilbara was acquired containing many rare specimens that will help to elucidate the origin and evolution of some important economic mineral deposits.

The Museum received nearly \$300,000 funding from the Repatriation of Indigenous Cultural Material Program for the continuation of the repatriation program for the next three years. Consultation continued with Kimberley and Pilbara Aboriginal communities regarding the proposed repatriation of secret/sacred artefacts. It has been agreed that material from other state museums should be transferred to the Western Australian Museum as part of the process. This work is being done in consultation with the Museum's Aboriginal Advisory Committee.

The Western Australian Museum Centre for Ancient Egyptian Studies opened in 2002. It held a series of public lectures with Egyptologists from interstate and overseas.

The highly successful collaboration with the Water Corporation on the Cockatoo Care program continued. The Museum received over \$60,000 for cockatoo research from the Corporation.

## Executive Director's Review

A further \$100,000 from the Water Corporation was confirmed in June for the financial year 2003–04.

In conjunction with the University of Western Australia, the Museum initiated the assessment of the biodiversity, conservation and evolutionary importance of fauna on the Kimberley islands. The Documentary Unit filmed the survey to promote its educational and scientific relevance.

A three-year project commenced between the Western Australian Museum and the Department of Fisheries, funded by the Fisheries Research and Development Corporation, on the impacts on biodiversity and habitat of trawl fisheries in Western Australia.

The Twelfth International Marine Biological Workshop: The Marine Flora and Fauna of Esperance was organised by the Museum in collaboration with the University of Western Australia in March 2003.

The Museum's Curator of Marine Invertebrates Jane Fromont was awarded a Churchill Fellowship to study type specimens of Western Australian sponges in European collections and initiate projects with Indian taxonomists on the Indian Ocean corals.



## Museum Outreach Services

The Performance Indicators of this Annual Report show the Museum had 917,000 visitors and over 685,000 other contacts with the public through the web site and through direct inquiries to Museum staff. These figures fail to capture, however, the reach of the Museum into our community. The extent of the community activities of the Museum is difficult to quantify on a consistent basis, but the examples below give an indication of its significance.

- The Education and Learning Unit lent 2,116 items to schools throughout the state, contacting an estimated 127,000 students.
- The Museum Assistance Program answered 8,165 enquiries, contacted 1,035 people through lectures, courses and workshops and undertook 133 field trips and off-site meetings.
- Alcoa Frog Watch has exposure to over 250,000 Western Australians through activities such as membership (7,500), school education programs (600), community workshops (450), Mandurah Crab Fest—Alcoa Corporate Display (30,000), Perth Flower and Garden Show Ecotopia Exhibition (40,000), Royal Show Landcare Experience (81,000), Whiteman Park Schools Environment Festival (500 participants) and the Community Frog Fest—Herdsman Lake Wildlife (250 participants).
- The scientists in the Museum's Materials Conservation Unit gave lectures, undertook fieldwork and contributed to scientific journals in the areas of textile conservation, the environmental impact of decommissioned naval vessels as artificial reefs, Mawson's Hut in Antarctica and consulted in the USA on the conservation management of the Civil War submarine *H. L. Huntley*.
- The Museum's exhibition *Baudin*, celebrating the Australian journey of exploration of Captain Nicolas Thomas Baudin, toured to the South Australian Maritime Museum and King Island and attracted over 9,000 visitors.
- Two issues of *Tracks*, the Museum's magazine, were printed and 8,000 copies were distributed throughout the state.
- In July 2002, the discovery in the Nullarbor of a marsupial lion skeleton, thought to be over 250,000 years old, was front-page news in the *West Australian* and feature articles followed. This was one of many articles and features on the work of the Western Australian Museum.
- Staff of the Science and Culture Division of the Museum gave over 100 professional lectures, talks to the community, lectures to secondary and tertiary students and public lectures along with a range of radio and TV interviews.
- The Museum's research journal *Records of the Western Australian Museum* was distributed to 184 institutions around the world and in return 234 journals were received on an exchange basis.

# Visitors to Western Australian Museum Sites

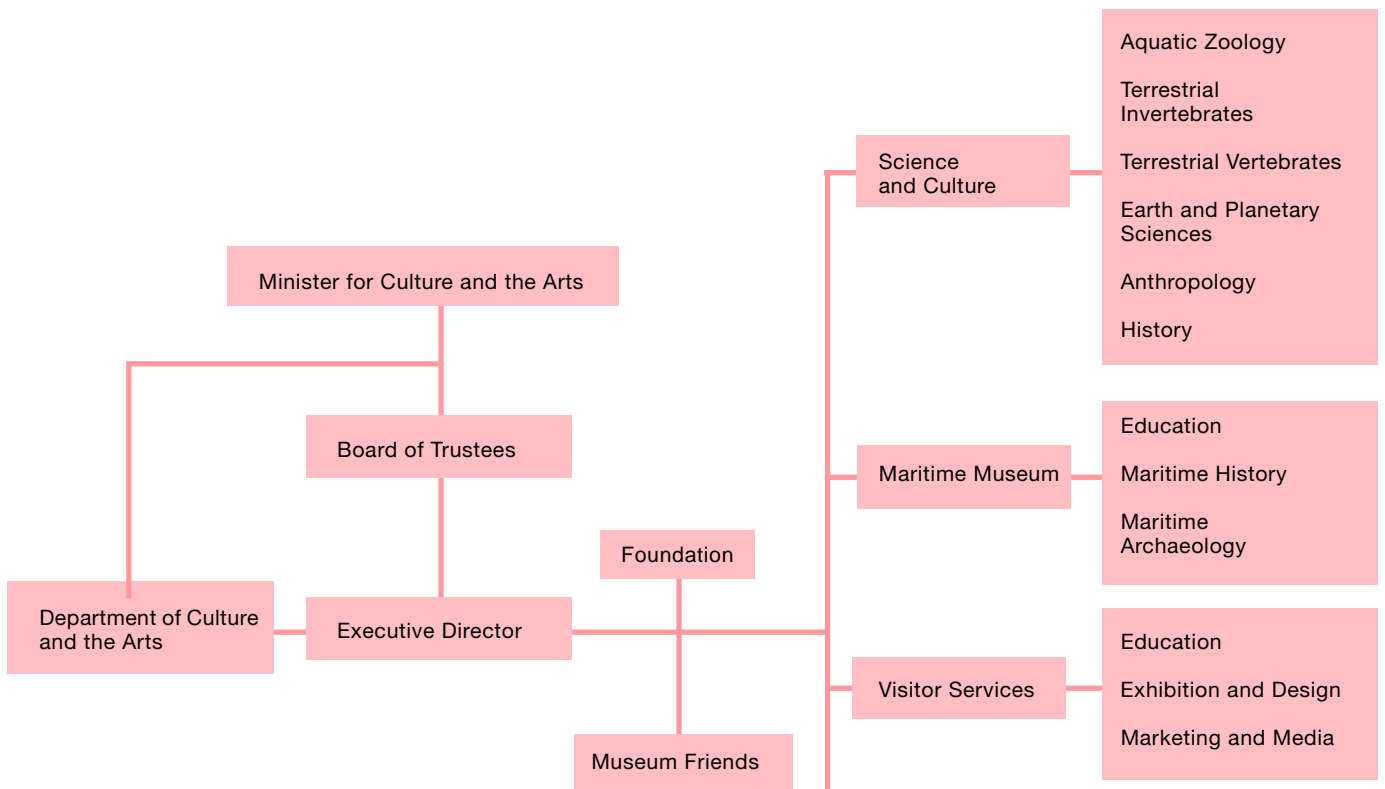
## COMPARATIVE ATTENDANCE FIGURES, 2001-2002 AND 2002-2003

	Public	School Groups	Totals
Perth Site (Western Australian Museum – Science and Culture)			
2002-2003	228,569	21,688	250,257
2001-2002	229,956	22,938	252,894
Maritime Museum and Submarine			
2002-2003	379,722	24,199	403,921
2001-2002	210,341	14,668	225,009
Fremantle History Museum and Samson House			
2002-2003	40,931	3,371	44,302
2001-2002	40,177	2,361	42,538
Western Australian Museum – Albany			
2002-2003	61,795	2,494	64,289
2001-2002	63,356	2,633	65,989
Western Australian Museum – Geraldton			
2002-2003	49,278	2,214	51,492
2001-2002	58,047	3,352	61,399
Western Australian Museum – Kalgoorlie-Boulder			
2002-2003	99,525	3,114	102,639
2001-2002	100,901	3,065	103,966
Western Australian Museum Annual Totals			
2002-2003	859,820	57,080	916,900
2001-2002	702,778	49,017	751,795

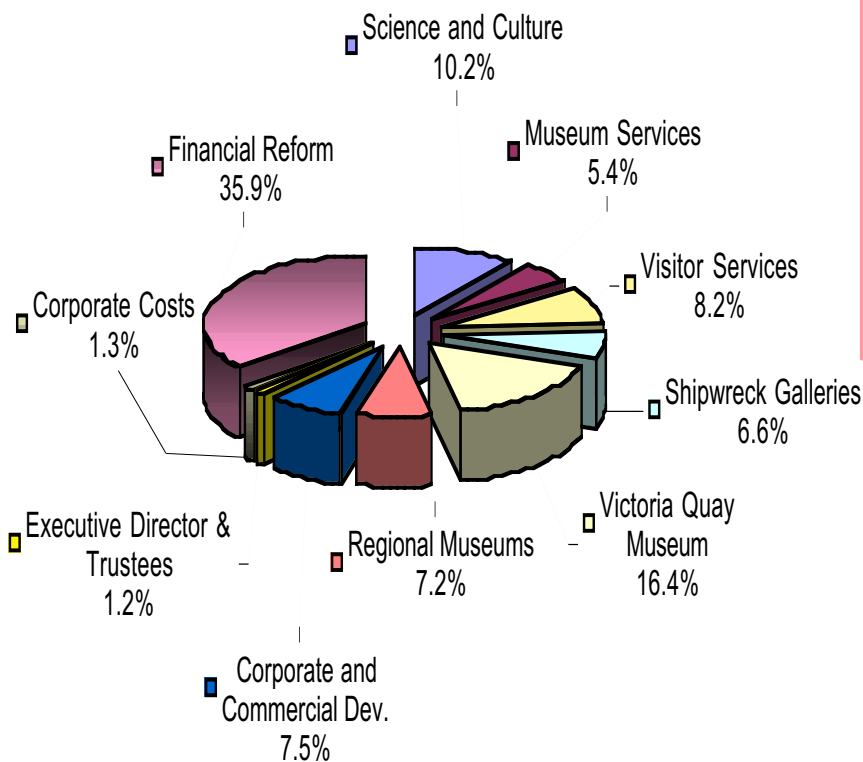
## MONTHLY VISITORS, 2002-2003

CENTRE	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	TOTAL
PERTH	31 481	25 719	25 147	28 173	21 428	13 887	29 496	16 925	14 351	15 745	14 241	13 664	250 257
FREMANTLE	4 080	3 583	4 061	4 687	4 272	3 974	3 676	2 354	3 440	3 505	2 889	3 349	43 870
MAR MUS	19 430	19 905	22 080	22 639	19 153	56 891	62 535	36 686	40 607	40 176	32 378	31 441	403 921
SAMS HSE	54	16	42	40	20	22	37	40	54	20	33	54	432
ALBANY	5 815	2 751	5 395	7 616	6 165	5 379	9 706	3 531	4 464	6 813	3 338	3 316	64 289
GERALDTON	4 600	4 477	11 313	5 762	3 345	3 684	3 985	1 827	2 704	3 476	3 022	3 297	51 492
KALGOORLIE	10 814	8 311	11 719	11 382	7 541	6 927	10 895	4 652	6 373	9 763	7 806	6 456	102 639
<b>TOTAL</b>	<b>76 274</b>	<b>64 762</b>	<b>79 757</b>	<b>80 299</b>	<b>61 924</b>	<b>90 764</b>	<b>120 330</b>	<b>66 015</b>	<b>71 993</b>	<b>79 498</b>	<b>63 707</b>	<b>61 577</b>	<b>916 900</b>

# Organisational Structure



**CONSOLIDATED FUND**  
TOTAL OPERATING EXPENDITURE 2002-2003



# Trustees, Boards and Committees

## TRUSTEES OF THE WESTERN AUSTRALIAN MUSEUM

Dr Ken Michael AM CitWA BE(Hons) DIC PhD FTSE HonFIEAust FCIT FAIM **Chair**

Mrs Bridget Faye AM BA DipTheol **Deputy Chair**

Professor Lyn Beazley MA(Hons) PhD

Mr Alastair Bryant BBus (*ex officio*)

Mrs Ainslie Evans

Ms Irene Stainton BAppSc

Professor Tom Stannage AM MA PhD

Mr Edward Tait BA(Econs)

## WESTERN AUSTRALIAN MUSEUM FOUNDATION BOARD OF GOVERNORS

Sir Charles Court AK KCMG OBE CitWA **Patron**

Mr John Poynton BCom, FAICD FSIA FAIM **Chair**

Ms Julie Bishop MP **Deputy Chair**

Hon Richard Court AC (*from August 2002*)

Mr Bob Cronin

Mr Geoff Duncan (*from August 2002*)

Mr Darcy Farrell

Mr Gary Gray AO (*from August 2002*)

Mr Michael Gangemi AM JP

Ms Tracey Horton BEc(Hons) MBA

Dr Ken Michael AM CitWA BE (Hons) DIC PhD FTSE HonFIEAust FCIT FAIM (*Trustees' representative*)

Dr Gary Morgan BSc(Hons) PhD (*ex officio*)

Mr Timothy Ungar

## WESTERN AUSTRALIAN MUSEUM ABORIGINAL ADVISORY COMMITTEE

Ms Irene Stainton BAppSc **Chair**

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# Western Australian Museum Foundation

## PRINCIPAL AIMS

- To raise funds to improve the Western Australian Museum's public programs and field activities, to extend its research efforts, and to revitalise its network of seven metropolitan and regional museums.
- To help develop an institution of international renown.
- To support projects at all seven Museum sites throughout the state, and to introduce exciting initiatives that are beyond the scope of government funding.
- To encourage greater public awareness of the activities of the Museum and its importance to the state and its people.
- To establish a capital base, over a period of time, to provide income to finance these activities.

## ESTABLISHMENT

The Western Australian Museum Foundation was established in May 1995 and publicly launched in 1997. It recently completed its eighth year of operations.

## FOUNDATION OBJECTIVE

The Western Australian Museum Foundation seeks support from the broad-based Western Australian community to help realise the Museum's greater vision and achieve its objectives for the benefit of all Western Australians and visitors to this state. The Foundation invites the community to actively participate in developing a world-class Museum for Western Australia — a Museum that provides the people of this state with a better understanding of both the past and present and thereby enhances their prospects of securing a better future for themselves and future generations.

The Western Australian Government has been very generous in its support of the Museum and Foundation. In 1996, it agreed to match every dollar raised by the Foundation to a total value of \$3 million. This has translated into a significant contribution to the achievement of the Foundation's objective to establish a capital fund to support the Museum on an ongoing basis. These funds, along with generous donations from both the corporate and private sectors, will enable the Museum to fulfil some of its key objectives for the benefit of the community it serves.

In 2003–04 the Foundation will continue to work closely with our corporate and private partners in furtherance of the Museum's objectives.

## ACTIVITIES AND ACHIEVEMENTS

The Western Australian Museum Foundation has been very active over the past year in its efforts to encourage support from all sectors of the community. Major corporate sponsorships and individual donations have enabled important projects to be undertaken.

Undoubtedly the key focus of the Foundation's activities has been the capital campaign to complete the new Western Australian Maritime Museum that opened in Fremantle in December 2002. The Board notes its thanks to all those actively involved in the campaign, and to Lesleigh Green, Foundation Fundraising Co-ordinator for the Western Australian Maritime Museum (2002–03).

Support from the private sector has been extraordinarily generous and the Foundation is pleased to acknowledge the following key new and ongoing sponsors (the full list of supporters to the Western Australian Museum is available at Appendix A):

### Key partners

- Alcoa World Alumina, for their ongoing support of the Alcoa Frog Watch Program in respect of community awareness and educational activities;

# Western Australian Museum Foundation

- Dampier Salt Ltd, in support of the Museum Documentary Unit's production of the *Our Backyard* educational video;
- Fremantle Ports, in support of a major interactive display at the Maritime Museum;
- Kailis Bros Pty Ltd, MG Kailis Group, Kailis Consolidated Pty Ltd, Kailis and France Foods, in support of the Kailis Family Board Room at the Maritime Museum;
- Lionel Samson & Son Pty Ltd and Sadleirs Transport, in support of the Lionel Samson Entrance Gallery at the Maritime Museum;
- MG Kailis Group, in support of the 'Story of Pearling' in the Hooked on Fishing Gallery at the Maritime Museum;
- Rio Tinto WA Future Fund, founding partner of 'Operation Leo', a project of discovery concerning Thylacoleo, a prehistoric marsupial lion;
- Royal Australian Navy, in support of numerous displays within the Naval Defence Gallery at the Maritime Museum;
- Shell Development Australia Pty Ltd, in support of the Shell Great Ocean Experience Theatre at the Maritime Museum;
- Sealanes, in support of the Hooked on Fishing Gallery at the Maritime Museum;
- Tenix Defence Pty Ltd — Marine Division, in support of the re-creation of the World War I AE2 submarine conning tower in the Naval Gallery at the Maritime Museum;
- The West Australian, media partner of the Maritime Museum;
- Water Corporation, in support of 'Cockatoo Care', the Museum's research into unique species of Australian native birds;
- Western Australian Fishing Industry Council, in support of the Hooked on Fishing Gallery at the Maritime Museum;
- Woodside Energy Ltd, in support of the Museum Documentary Unit's production of the *Our Backyard* video and the *Off the Edge* marine biology documentary.

## Key Event Partners

- Australian Posters
- Concert & Corporate Productions
- E Shed Markets
- Gatecrasher Advertising
- Hollice Rundle & Associates
- Plantagenet Wines
- Sail and Anchor Pub Brewery

## FOUNDATION GRANTS

This year, the Western Australian Museum Foundation made available \$23,000 through its grant programme. These funds were dedicated to the following programmes:

- Ethno-botanical Garden — Museum of the Goldfields
- Western Australia: Land and People — Education Program



# Western Australian Museum Foundation

## BOARD OF GOVERNORS

The success of the Foundation during the 2002–03 year is a direct result of contributions from the Foundation Governors, its Patron, Sir Charles Court and staff. Mr John Poynton, welcomed as Chair of the Foundation in March 2002, has completed his first year as Chair of the Foundation Board of Governors. Under his leadership the Board has continued to develop the capacity of the Foundation to proactively support the Museum. The Board wishes to express its thanks to outgoing Executive Officer Kimlarn Frecker for her commitment and achievements on behalf of the Foundation over the past six years. The Board welcomed Cathrin Cassarchis as Executive Officer to the Foundation in December 2002.

Mr Jim Boot CPA FCIS CD and Moore Stevens BG, Chartered Accountants, honorary accountant and auditors, respectively, continued to support the Foundation throughout the 2002–03 year. The Foundation notes its thanks for their gifts of specialist services.

## FOUNDATION SUPPORTERS

The Western Australian Museum Foundation gratefully acknowledges the support of the following partners:

### Patrons

MG Kailis Group  
Shell Development (Australia) Pty Ltd  
Simon Lee Foundation  
Woodside Energy Ltd

### Benefactors

Alcoa World Alumina Australia  
Rio Tinto WA Future Fund  
The West Australian

### Founders

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### Donors

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# Western Australian Museum Foundation

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The Western Australian Museum Foundation would also like to thank the many additional supporters who assisted the Museum with their kind contributions of up to \$5,000.

# Friends of the Western Australian Museum

## AIMS AND BENEFITS

The Friends of the Western Australian Museum was established in 1995 as a way for members to enjoy the best that the Museum has to offer, and to gain a true appreciation of the state's rich natural and cultural heritage. To achieve this, the Friends organise a diverse range of social and educational activities, presented in a friendly and congenial atmosphere. These events broaden the appeal of the Museum to the community, and help to maintain and enhance the Museum's pre-eminent place in Western Australia's cultural life.

The Friends newsletter, *Museum News*, and regular *Bulletins* provide information on Friends activities, as well as on exhibitions, activities and other events at all Museum sites.

The Friends of the Western Australian Museum association is a member of the Australian Federation of Friends of Museums, which in turn is a member of the World Federation of Friends of Museums. Membership entitles Friends of the Western Australian Museum to reciprocal benefits, where available, at many leading Australian and overseas museums and galleries.

The Friends office has recently been relocated from the Roe Street Cottage to the Jubilee Building at the Perth site.

## CONSOLIDATION

The year 2002–03 has been one of consolidation for the Friends.

Under the financial constraints faced by the Museum that have forced it to reduce its support for the Friends Co-ordinator position to one day per week, the Friends have continued to operate during 2002–03 on the basis of reduced resources. Within these constraints, the priorities have been to organise as many Friends activities as possible, and to maintain a publications program to keep Friends informed about Museum events. This situation was reviewed at the AGM in October 2002 and, as a result of the President's and Co-ordinator's reports, it was agreed that the Friends should continue at the level of activity of the previous year.

## HIGHLIGHTS

One of the highlights of the year was a grant from LotteryWest which enabled the Friends to support and promote a fine art exhibition featuring the coast of Western Australia. The exhibition, *Living on the Edge—the Coastal Experience*, was part of the celebrations to mark the opening of the new Western Australian Maritime Museum.

## ACTIVITIES

Through the Friends activities program, members have the opportunity to interact with Museum staff, visit behind the scenes, and explore the Museum's work in a way not normally accessible to the general public. Social aspects of the program also serve to promote interaction between Friends and the Museum.

The frequency of Friends activities was increased in 2002–03 in comparison to the 2001–02 program and events were held both at Western Australian Museum sites and at various locations in and around Perth. The range and timing (daytime, evenings and weekends) of activities were varied to maintain and further broaden the appeal of membership.

In July 2002, the Museum Friends ventured up into the hills and were led on a weekend walk near Mundaring Weir by a guide from the Friends of the Bibbulmun Track. In mid-August, Ron Johnstone, Museum Curator of Ornithology, took Friends behind the scenes to the Museum's skin room to hear about the plight of WA's endangered cockatoos. The tour finished up with a viewing of the *Cockatoos by Conolan* art exhibition and morning tea in the Friends office. At the end of August, Friends were invited to hear Dr John Long, Museum Curator of Vertebrate Palaeontology, talk about *Operation Leo* and the recent, hugely significant fossil find of an

## Friends of the Western Australian Museum

intact skeleton of a marsupial lion, *thylacoleo*. The large gathering of Friends at the talk enjoyed a glass of wine and canapés, while listening to Dr Long and questioning him about his extraordinary expedition to the Nullarbor.

In late September, Dr Ian Godfrey, Museum Curator of Materials Conservation, entertained Friends with tales about his fieldwork in Antarctica where he has been working on the conservation of Mawson's huts. The presentation was preceded by a drinks party and the opportunity to chat with Dr Godfrey and other Friends. A week later, the Friends were out and about again, this time on an early evening walk around Shenton bushland in the expert company of zoologist and Museum Director of Science and Culture, Dr Paddy Berry. Following the Friends Annual General Meeting in October, Graeme Henderson, Director of the Western Australian Maritime Museum, took Friends on a preview tour of the building and the installation of its displays. Friends attended two special activities in December, the first at the Western Australian Museum—Fremantle History in the company of Museum Curator Lisa Williams. Lisa guided Friends around *30 Years Ago—Celebrating the 30th Anniversary of the Fremantle Arts Centre at the Western Australian Museum—Fremantle History*. The second event, on 12 December, gave Friends the opportunity to view the Museum's magnificent mineral and meteorite collection under the expert guidance of Dr Alex Bevan, Museum Curator of Mineralogy and Meteoritics. Following the tour, Friends adjourned to the Roe Street Cottage for coffee and Christmas cake.

Linked to the Friends' involvement in *Living on the Edge—the Coastal Experience* exhibition, members were invited at the end of January to a special Batavia Lecture Series talk presented by Dr Robyn Taylor, the exhibition's curator. The talk was followed by a viewing of the exhibition and refreshments. In 2003, the Friends were also involved in supporting the Western Australian Museum's *museum@work* lecture series, which began on Friday 7 February and has been continuing during term time throughout the year. Friends have been part of the audience at all these popular lunchtime talks, which have proved to be a fruitful recruiting ground for new members.

June was again a busy month, with special Friends activities in addition to two *museum@work* talks. The first of these, presented by Dr Jane Fromont, the Museum's Curator of Marine Invertebrates, on the topic of *Western Australia's Wealth of Marine Biodiversity*, has been linked to a special Friends beach walk under Dr Fromont's expert guidance, planned for July. On 12 June, members were escorted around Kings Park by Friends Vice-President and Kings Park guide, Ethel Lucas. The hugely informative guided walk, packed with historical facts, was followed by a most civilised afternoon tea in the Old Tea Pavilion. On 27 June, Friends were back at the Maritime Museum, this time for tours of the temporary exhibition *Beacons by the Sea—Stories of Australian Lighthouses*, and of the permanent *Tin Canoe to Australia II* gallery. The tours were led by Mike Lefroy, curator of the spectacular permanent gallery, and Friends were given a special insight into the planning and installation of exhibits. The talk ended with a drinks party and an evening view over Fremantle Harbour.

The busy program of Friends activities throughout 2002–03 has given members the opportunity to participate in and enjoy a broad range of educational and social events linked in various ways to the Western Australian Museum. It is the generous support of the Museum staff, Friends Council members and volunteers, who have willingly given their time and shared their expertise, which has made all these events possible. The invaluable contribution of all those involved is greatly appreciated, as, of course, is the support of the Friends themselves.

### NEW FRIENDS LOGO

The Friends have a new logo, designed by Mark Welsh of the Museum's Exhibition and Design Department. It appears on the Friends stationery and will be an integral feature of the new-style Friends newsletter and brochure, due to appear early in 2003–04.

# Friends of the Western Australian Museum

## MEETINGS

The 2002 Friends Annual General Meeting on 15 October at the Western Australian Maritime Museum was attended by over 40 members.

Officers Bearers elected for 2002–03 were: President—John Bannister, Vice-President—Ethel Lucas; Secretary—Sara Meagher; Councillors—Angela Anderson, Janet Bastyan, Brian Davies and John Morhall. Bridget Faye (Museum Trustee) and Gary Morgan (Museum Executive Director) continued as ex-officio Councillors. John Bannister thanked retiring Councillors Leonie Kirke and Mick Poole for the service they had given the Council.

During the year Sara Meagher was co-opted as Treasurer and Lawrence Swain joined the Council as the Honorary Members' Representative. Friends volunteer Joanne Foster acted as Membership Secretary.

Friends Council meetings were held on a regular basis throughout 2002–03. Five meetings were held during the year.

## PART 2

### The Year Under Review

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## Science and Culture

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*Rachel O'Shea and Salvador Gomez salting a seal skin for preservation in the Museum's collection.*



*One of the exhibits from Two Emperors.*



*Otto Mueller excavating sandgroper trails.*

Western Australian Museum

# Western Australian Museum— Science and Culture

## COLLECTIONS MANAGEMENT

### Anthropology

The year saw significant progress in the repatriation of Aboriginal secret/sacred material and human remains.

The Return of Indigenous Cultural Property Program, a joint State–Federal Government undertaking (managed by the Department of Communication, Information Technology and the Arts) provided funding to enable the Museum to appoint a consultant. Mr Kim Akerman (an Honorary Associate) visited communities in the Kimberley and the Pilbara to discuss material in the Museum’s collections and to determine the wishes of the various stakeholders. Preliminary consultations are now completed, with stakeholders identified and informed of material held in the Museum.

Mance Lofgren and Craig Somerville, a member of the Museum’s Aboriginal Advisory Committee and an Honorary Associate, attended a national meeting in Melbourne to help formulate the next phase of the RICP Program, for which the Museum has been granted funding for three years. Mance continued to attempt to resolve the issue of vesting and management of reserves listed because of their Aboriginal heritage value, and vested in the Museum.

Charles Dortch oversaw the relocation of a large part of the archaeology collection, which has now been moved from the old conservation laboratory behind the Fremantle History Museum to the amenities building storage facility at Montreal St. He is currently re-examining Devil’s Lair material.

With the assistance of Lawrence Foana’ota, Director of the Solomon Islands National Museum, Anna Edmundson re-examined and identified Solomon Island artefacts in the Department collections.

Moya Smith continued to add documentation to the Museum’s Egyptian artefacts. Dr Alanah Buck, Honorary Associate, organised CT scans and other analyses of the Museum’s Egyptian human mummified remains. She established beyond any doubt that these are of ancient origin. Chemistry Honours student Kelvin Poon undertook analysis of some of the Egyptian artefacts in the hope of identifying residues on cosmetic items.

Some significant items have been added to the collections this year, both through donation and purchase. These include:

- A rare taap (knife) from Shark Bay, 1890s—presented by Jeff Atkinson, May 2003
- A small collection of Melanesian objects—presented by Glenice and Ross Nicholls
- A Dahomey fetish figure—presented by the Rev. B. Arney, April 2003
- Two lithographs by Noongar artist Laurel Nannup—‘Stooking Hay’ and ‘The Lolly Tree’, purchased by the Department, and two acrylics on board, ‘Ella Then’ and ‘Ella Now’ by Julie Dowling, purchased by the Anthropology Department. One of Laurel’s paintings will feature in the relocated *Katta Djinoong*, and the Dowlings have been included in the new Geraldton gallery that opened in August 2002.

Two groups of senior Aboriginal men visited the Museum to examine non-public collections. Ross Chadwick facilitated the visits by men from Tjuntjuntjara in December 2002, and Nyul Nyul men from Beagle Bay in January 2003.

Ngadju elder Mr Arthur Dimer died during the year. Mr Dimer had worked with Moya Smith for some 25 years, sharing his knowledge of traditional culture in the western Nullarbor and Esperance regions.



# Western Australian Museum— Science and Culture

## History

Collection management continued to focus on exhibition requirements. *The Gay Museum* drew extensively on the history collections, including costume, woodworking tools, food technology and toys. Work continued on collections for the Geraldton Museum's Mid-West Gallery, which opened in August 2002 and the new Maritime Museum, which was launched in December 2002. In addition, objects were selected for exhibitions at the Fremantle History Museum's *30 Years Ago* and *From the Sea*. Research for potential objects for the Fremantle History Museum's *Dirt, Disease and Depravity* exhibition and the history of the old Fremantle Gaol exhibition has also begun.

Material from the history collections was lent to other exhibitions and institutions, including *John Curtin's Legacy—Leading Australia from War to Peace* (John Curtin Prime Ministerial Library), *Pictorial Magic: Boats on the Swan River* (City of South Perth), *South-West Central* (Art Gallery of Western Australia), and to the Constitutional Centre.

Items donated to the collection include a grave wreath in the shape of a Welsh harp, reflecting something of Welsh migrant history in Western Australia. The wreath was made in Kalgoorlie in 1912 for the Vernon family, who came to Australia in 1911 from South Wales. The strings of the harp wreath represented family members and a string was cut as each member passed away.

Database entry recommenced with the employment of Marice Turner in February 2003.

## Aquatic Zoology

The Department was active in identifying material from large collections. During the year a considerable amount of material was identified from a survey of the Port of Esperance for introduced marine species.

Jenny Hutchins was hired to database the cirripede collections.

During the year, an extra bank of compactus was purchased to house the mollusc collection, with approximately 8,000 drawers. This expanded the dry collections' space by about 13%. Corey Whisson and Mark Salotti rearranged the collection into proper systematic order.

## Earth and Planetary Sciences

In addition to the 789 specimens registered into the invertebrate palaeontology collection, other significant new material was acquired. Senior Curator Dr Ken McNamara made further significant collections from a new, highly diverse fossil plant site in the lower Murchison River district. Honorary Associate Mrs Bep Shekkerman donated her entire fossil and mineral collection, comprising many thousands of specimens from Australia and around the world. Honours student Sarah Martin made important collections of fossil echinoids from the Nullarbor, including the first representative echinoid fauna from the Nullarbor Limestone.

During the year 42 registered specimens were added to the vertebrate palaeontology collections, including one complete and another seven almost complete skeletons of the marsupial lion, *Thylacoleo sp.*, from the Nullarbor caves, plus the first record of the giant kangaroo, *Procoptodon goliah*, from the state. A French dinosaur egg from *Hypselosaurus* was also added to the collections as a donation from the Museum of Aix-en-Provence, France.

A large and important collection of Western Australian mineral specimens from the former collection of Mr Blair Gartrell was donated to the Museum this year by Mr Mark Creasy. This collection, comprising approximately 3,500 specimens, includes material from many mineral deposits around the state and many rare mineral species. Mr Creasy also donated a suite of 37 spectacular native silver specimens, including a silver boulder approximately 1 m long, from the Elizabeth Hills mine in the Pilbara region. Nine of these specimens have been added to the Diamonds to Dinosaurs gallery and the large silver boulder is to be placed on display in the near future. Another major addition to the mineral collections was a collection of 31 faceted zircons

# Western Australian Museum– Science and Culture

from the Harz Range, Northern Territory, donated by Mr D. Caesar. The Diamonds to Dinosaurs mineral displays also have been augmented by the addition of a magnificent pyrite in marl specimen from Spain.

## Terrestrial Invertebrates

The arachnology section continued to add significant specimens to the Museum's collection including holotypes of 38 new species, of which the most significant are 28 new species of ground-dwelling spiders named by Dr Norman Platnick of the American Museum of Natural History. The collection continues to expand with donations from the public, other state agencies and from Museum staff. It continues to generate great interest from researchers, and loans from the collection are constantly being prepared so that the terrestrial invertebrate fauna of the state can be better understood.

Funding from the Australian Biological Resources Survey enabled fieldwork in the western Gascoyne and Murchison by Bill Humphreys and Remko Leijds (South Australian Museum) and Bill and volunteer Bob Read in the Ngalia and Amadeus Basins (facilitated by the Northern Territory Department of Lands Planning and Environment), providing important additions to the collection of stygofauna (animals confined to groundwater) including many species new to science.

More of the pinned insect collection was moved into compact shelving during the year with a gain in much-needed storage space. Thanks to volunteer Otto Mueller, work continued on replacing old cork-lined unit trays with new polyethylene foam-lined trays and labelling of the trays was upgraded.

Most of the material added to the collection during the year came from surveys conducted by other organisations. Significant contributions (thousands of as-yet uncounted specimens) came from the Department of Conservation and Land Management Salinity Action Plan survey (mostly ground beetles), the Waters and Rivers Commission (Carnarvon Basin survey) and the CSIRO Wildlife wheatbelt survey.

## Terrestrial Vertebrates

Salvador Gomez prepared 800 bird skins accumulated over years in the freezer for the collection. He also assisted in preparing some mammal specimens, including seal, echidna and shrew skins.

Brad Maryan has almost cleared the freezer of stored specimens, including 200 reptiles and 100 mammals which he has catalogued and prepared for the collections and has reorganised the mammal and bird spirit collection in the lower basement. Rachel O'Shea maintains the tissue collections (both frozen and in ethanol) and has reorganised parts of the mammal skin and skeleton collection with help from volunteer Gemma Lawrence. Several specimens of stranded whales were collected by Rachel and Brad with help from Department of Conservation and Land Management and Exhibition and Design staff.

Karen Edwards was employed for three weeks to help organise the new Whale Room which now houses most of the whale collection. This is the second-largest in Australia, with more species represented than in any other Australian whale collection. Dr Cath Kemper of the South Australian Museum, a cetacean expert, visited the Museum for two weeks and checked all identifications.

A major expedition to some Kimberley islands in August 2002 resulted in valuable reptile, mammal and bird collections from relatively unstudied areas. Two survey trips to the Abrolhos Islands were undertaken in collaboration with the Department of Conservation and Land Management and a contract undertaken by the department of the Bindoon and Muchea areas increased collections of targeted species from those locations.

# Western Australian Museum– Science and Culture

The department thanks Biota Environmental Sciences, Ecologia and DCLM staff, in particular Dr Peter Kendrick and Mark Cowan as well as volunteers like Kerrie Goodchild in the Kimberley for continuing to donate specimens and tissues from remote parts of the state. We also thank Hazel Darnell and Christine Johnstone for exceptional help in the bird department.

The collections are extensively used by scientists throughout the world, and 83 loans were sent to other Australian museums and 600 tissues to other institutions for DNA analysis.

## KNOWLEDGE GENERATION

### Anthropology

Further finds of rare chert and other stone artefacts on Rottneest Island, Garden Island and at Point Peron are in stratigraphic contexts (e.g. ‘fossil soils’) implying ages probably greater than 40,000 years. Complementing the survey is radiometric dating and other forms of age assay at selected Tamala Limestone sites in coastal localities from Cape Leeuwin to Shark Bay. Researchers from the School of Earth Sciences, James Cook University and the School of Earth Sciences at Australian National University are now closely involved in determining the absolute ages and stratigraphical sequences exposed in Tamala Limestone sites.

Dr Dortch continued to carry out archaeological surveys with Noongar community members in the lower South-West and to investigate stone artefacts in limestone along Indian Ocean coast.

Mance Lofgren and Ian Macleod represent the Museum on the Burrup Rock Art Monitoring Management Committee (administered by the Department of Industry and Resources), and have been involved in various aspects of research, including trips to the area, to study the possible effects of industrial emissions on the rock art.

Ross Chadwick participated in the redevelopment of the Museum’s website. He also assisted the curator of the Coolgardie Courthouse Museum in assessing and documenting its Aboriginal collection.

The department continued to devote itself to extensive research for developing exhibitions, particularly at Geraldton. Moya Smith and Anna Edmundson conducted extensive consultations with Aboriginal communities in the region to ensure appropriate representation appeared in Geraldton’s new Mid-West Gallery.

Moya continued to research events that have shaped Indigenous lives since *Katta Djinoong* was first launched in 1999. She continued also to research aspects of the Museum’s Egyptian collection. Analytical descriptions of some of these items will feature in the newsletters of the Museum’s Centre for Ancient Egyptian Studies.

Anna Edmundson undertook fieldwork in the states of Sabah and Sarawak in Malaysian Borneo. In Sabah, she is conducting research in partnership with the Sabah State Museum, and assisting the ethnography department with development of the annual Ka’amatan Harvest Festival. In Sarawak, she is researching the effects of the tourism industry on indigenous cultural practices, particularly the effects of Iban Longhouse tourism.

### History

The Department completed the development of text and the collection of images and objects for the Geraldton Museum’s Mid-West Gallery and in the process established ongoing contacts with the local community and government agencies in the region.

The Department has an ongoing role in the area of sustainability, with Sue Graham-Taylor and Mat Trinca’s research for, and development of, the MuseumLink exhibition *Wind at Work*. The exhibition, now touring the state, examines the history of wind power, its role in addressing climate change and its social, economic and environmental impacts.

# Western Australian Museum— Science and Culture

Sue Graham-Taylor continued research on the Shark Bay Pastoral History Project, a community-led program involving the Museum and individuals representing 20 pastoral stations and two roadhouses in the Shark Bay district.

Kate O'Shaughnessy completed research on the history of the old Fremantle Gaol and drafted text for an exhibition to interpret the history of one of the Museum's most significant heritage buildings. This exhibition is scheduled to open in mid-2004.

Ann Delroy returned to the Department in February 2003 after 18 months leave in which she curated the international travelling exhibition *Two Emperors: China's Ancient Origins* and edited the associated publication of the same name. The Australian/New Zealand tour of *Two Emperors* was launched at the Museum in August 2002.

## Aquatic Zoology

The *Twelfth International Marine Biological Workshop* was held in Esperance in February, jointly organised by the Museum, the University of Western Australia and the WA Branch of the Australian Marine Sciences Association. The 28 participants spent 17 days in Esperance working on the marine flora and fauna of Esperance Bay and the Recherche Archipelago. The workshop proceedings will be published in late 2005.

The Strategic Research Fund for the Marine Environment awarded funding of \$250,000 over a three-year period for the project 'Spatial patterns in sessile benthic sponge and ascidian communities of the Recherche Archipelago'. The principal investigators are Dr Gary Kendrick and Dr Justin McDonald of UWA and Dr Fromont. SRFME also provided \$15,000 for the Esperance workshop.

Dr Fromont received a Churchill Fellowship for her project 'A Quest for our Natural Heritage: Examination of the Historical Collections of Western Australian Marine Animals held Overseas, which will enhance understanding of Australian marine biodiversity'. It involved travel to Britain's Natural History Museum, Germany's Humboldt and Hamburg university museums and France's Natural History Museum. She also visited the Zoological Survey at Kolkata in India to meet other researchers working on Indian Ocean sponges.

During the year a joint project was begun with the Department of Fisheries to examine the ecological sustainability of the Shark Bay and Exmouth Gulf prawn and scallop fisheries. This \$1.6 million project, which is partly funded by the Fisheries Research and Development Corporation, examines the biodiversity of the by-catch of these fisheries. The main emphasis is on finfish, but considerable quantities of invertebrates such as molluscs, crustaceans, sponges and echinoderms are also caught. Sue Morrison has been seconded to the project for three years. Her position in the fish section was taken by Glenn Moore.

The fish section, particularly Dr Barry Hutchins, started work as part of the national bioregionalisation program for demersal fishes on the continental shelf and the slope from 40 m depth to the edge of the Australian Exclusive Economic Zone (the 200-nautical mile limit). This will gather critical information on geographic and depth distributions of the species involved.

National Science Foundation funding of US\$350,000 was awarded to the Museum's Curator of Crustacea Diana Jones, Professor Keith Crandall (Brigham Young University) and Professor Jens Hoeg (University of Copenhagen) for the two-year project 'Systematics and Evolution of Barnacles—Revealing the Evolutionary Radiation of the Thecostracan (Crustacea: Maxillopoda) Barnacles using Molecular and Morphological Evidence', which is heavily based on the Museum's barnacle collection, one of the largest in the world.

Material collected by the Woodside Energy Ltd/Museum partnership to explore the marine biodiversity of the Dampier Archipelago is being studied by scientists in Australia and overseas.

# Western Australian Museum– Science and Culture

To date, 3,237 species of fishes, sponges, corals, crustaceans, echinoderms, molluscs and marine algae have been identified and numerous new species are being described.

## Earth and Planetary Sciences

Dr Kenneth McNamara continued work on fossil harpetid trilobites with Research Associate Dr Malte Ebach and published a paper revising the order Harpetida. He also continued work on the theory of heterochrony, applying it to aspects of trilobite evolution. With the assistance of student Sarah Martin, research was undertaken on Late Eocene echinoids from near Albany. Work also continued on aspects of the archaeology of fossil echinoids, with a chapter on fossil echinoids from an Iron Age site in Jordan being published. A study of a Paleogene flora, with Curtin University Honours student Alex Stevens, was completed and provided the first direct evidence for palaeoclimate in Western Australia in the early Cenozoic period. Dr McNamara also worked with Professor Stan Awramik of the University of California, Santa Barbara, on a review of the evolution of life during the past 2.5 billion years for a Cambridge University Press book on astrobiology. He also continued work with Professor Martin Lockley of the University of Denver and Professor Wolfgang Schad of the University of Witten, German, on Goethean perspectives on evolution.

Emeritus Curator George Kendrick continued his work on Indian Cretaceous molluscan faunas and Neogene faunas of the Perth Basin while Research Associate Professor Yu Wen continued his on Chinese Cambrian molluscan faunas.

Dr John Long led an expedition to the Nullarbor in July 2002 after news broke of the spectacular megafauna found in caves there. The expedition recovered several complete skeletons of the marsupial lion *Thylacoleo*, remains of giant kangaroos (*Procoptodon*, *Sthenurus* spp), other possible new species of kangaroos and the giant wombat (*Phascolonus gigas*). The expedition received wide media coverage and the marsupial lion skeleton was put on display to the public from July to December 2002. Dr Long's research work on Gondwana fossil fishes saw the completion of a paper describing the anatomy of the Gogo dagger-toothed fish (*Onychodus*), co-authored with Professor Ken Campbell, Dr Richard Barwick, Dr Per Ahlberg and the late Dr S. M. Andrews; and a paper co-authored with Dr Carole Burrows on a new acanthodian fish from the Late Devonian of New South Wales. In March–April 2003, Dr Long travelled to China under the Australian Academy of Sciences foreign exchange scheme and spent three weeks working on Early Devonian fishes at China's Institute of Vertebrate Palaeontology and Palaeoanthropology. His work there compared Gogo fishes from Western Australia with primitive forms from China.

Dr Alexander Bevan continued his collaboration with Dr Phillip Bland of Imperial College, London, in the development of a fireball camera network for the orbital tracking and retrieval of infalling meteorites in the Nullarbor region. The first camera in the network is due to be installed in late 2003. He also continued his research on new meteorites to the collection with a number of international collaborators and has publications in preparation on the Woodleigh impact structure and cosmic spherules from the state with Dr Robert Hough of the CSIRO.

Assistant Curator Peter Downes continued his research into diamond-bearing alkaline rocks from Western Australia. In association with Straits Resources, Peter and Dr Bevan published their findings from a study of secondary minerals from the Nifty copper mine in the *Australian Journal of Mineralogy*. They also published a paper in *Mineralogical Magazine* on the origin of an alexandrite gemstone deposit at Dowerin. In May–June 2003, Peter undertook fieldwork, sponsored by Striker Resources and UWA, in the north Kimberley region to assist in a study of potential factors affecting diamond grade in the Seppelt 1 and 2 kimberlites. Currently, he is investigating the paragenesis of a suite of secondary minerals from the Telfer gold mine, donated to the museum by Mr Mark Creasy.

# Western Australian Museum– Science and Culture

## Terrestrial Invertebrates

Grants from the Australian Biological Resources Study and the Australian Research Council (with colleagues from the South Australian Museum) have enabled continued work on the ecology, biogeography, systematics and molecular phylogeny of various subterranean lineages. This work has already found more than 65 species of blind subterranean diving beetles new to science, as well as numerous species of crustaceans belonging to many different groups.

Research Officer Dr Volker Framenau began his study on the Australian wolf spiders at the Museum in December 2002. His work is funded by a three-year grant from the Australian Biological Resources Study and the project has already detected a number of new species. This much-needed research will bring some order into a chaotic group, and will eventually describe a proportion of the 500 species estimated to occur in Australia.

The secret lives of sandgropers (*Orthoptera: Cyndrchetidae*) have been exposed slowly but steadily through field and laboratory studies by Dr Terry Houston. Where previously very little was known of the biology of these subterranean insects, there is now good information on the manner and extent of their burrowing, diet and reproduction. This new information confirms what some farmers and agronomists have said for years about the insects' potential to devastate pastures and crops. Terry also continued to study native bee biology and behaviour and is working to establish the provenance of two invasive species of mole crickets which appear to have been introduced to the Perth region from elsewhere.

## Terrestrial Vertebrates

In collaboration with other scientists, Norah Cooper published the results of research into the taxonomic status of the native rodent *Leggadina* and the status of another rodent, *Pseudomys shortridgei*, and is completing the description of new species of the small dasyurid marsupial *Planigale*.

The Department undertook a survey of ten Kimberley islands during August. Norah Cooper, Ron Johnstone and Ric How, in collaboration with the Museum's arachnologist Mark Harvey, the documentary unit's Clay Bryce, Honorary Associates Roy Teale and Geoff Lodge and voluntary workers Grant and Di Lodge sampled vertebrate and selected invertebrate groups. Islands of different size, geological composition and distance from the mainland were sampled for up to seven days to determine their biodiversity and allow a detailed examination of morphological and genetic differences between mainland and island populations. This research is being undertaken in collaboration with Rebecca Davis, Len Freedman, Linc Schmitt and Sue Hisheh of UWA's Department of Anatomy and Human Biology and Mark Adams of the Evolutionary Biology Unit of the South Australian Museum. The *Landscape* expedition to Mitchell Plateau in June 2002 provided vertebrate material on mainland populations and also permitted a detailed resampling of survey grids sampled 20 years earlier by the Department. These data are the first quantitative assessment of long-term changes in Kimberley vertebrate populations.

The Department accepted a contract from the Australian Heritage Commission to undertake a survey of the vertebrate fauna of the Muchea Air Weapons Range and the Bindoon Military Training Area in March. This survey was the first to document all vertebrate groups in these extensive and relatively pristine areas of natural vegetation that are under the control of the Australian Department of Defence.

Ron Johnstone completed the text of volume two of the *Handbook of Western Australian Birds* and with John Darnell is revising the field guide to birds of the state. As a result of funding from the Water Corporation, Tony Kirkby has been employed to study the breeding biology of the threatened Forest Red-tailed Black Cockatoo, Baudin's Cockatoo and the Western Long-billed Corella.

# Western Australian Museum— Science and Culture

Honorary Associate Laurie Smith submitted his detailed re-examination of the skink *Lerista muelleri*, a species complex of which there are now 17 recognised taxa. He also continued his examination of the Death Adders of Australia and other lands.

Brad Maryan, in collaboration with former Curator of Herpetology Ken Aplin, completed a study of the morphology of the legless lizard (*Delma pax*) species complex and, with the support of Mark Adams of the South Australian Museum, resolved the genetic distinctiveness of species within that complex.

The setting up a new tissue database by Rachel O'Shea and Graeme Christie means that tissue can be used for DNA analysis from positively identified animals without having to collect the animal.

## KNOWLEDGE COMMUNICATION

### Anthropology

The Department's main commitment in this area continued to be exhibition installation or development. In addition, staff continued to conduct tours of *Katta Djinoong* for students from ECU, UWA and Curtin University, and for visitors from other research institutions.

Charles Dortch conducted tours for Aboriginal students and others of Devil's Lair and other archaeological sites in the Leeuwin-Naturaliste region. He also advised Noongar and other Indigenous communities on archaeological information for cultural centres, and archaeological field surveys and stone tool technology.

The opening of the Mid-West exhibition in Geraldton saw the culmination of six months' intensive consultation and negotiation by Moya Smith and Anna Edmundson to develop the exhibition content. Anna oversaw the completion of an audio-visual display, with images and recorded stories using information and images contributed by the Yamaji Language Centre and Charmaine Green. The Department is deeply indebted to the Aboriginal Advisory Group which facilitated development of the gallery's Indigenous component.

Moya Smith organised lectures by national and international Egyptologists through the Museum's Centre for Ancient Egyptian Studies. These included Professor Gay Robins of Emory University in Atlanta who gave an all-day workshop on aspects of Egyptian art. Dr Steven Snape and Dr Joyce Tyldesley spoke on their research in an Egyptian colonial outpost by the shores of the Mediterranean, and on conspiracies in Ancient Egypt. Dr Christiana Kohler from Macquarie University in Sydney spoke of her recent finds in the Predynastic cemeteries of Helwan near Cairo.

Ross Chadwick and Anna Edmundson co-ordinated a Nyoongar Kadadjiny Kulark Kart art exhibition, a NAIDOC Week display, in partnership with Leederville TAFE staff. This featured the work of Indigenous lecturing staff and students from Central TAFE, including works by artists Aaron Yarren, Cassandra Burton, Francine Kickett, Bevan Howard, Sandra Rotumah, Marion Chalker and selected student works of the Certificate 11 Public Art course. Anna oversaw a successful program of temporary exhibitions in *Katta Djinoong*, including:

- *Designs on Silk*—a textile installation by Noongar artist Tidda Lauree, drawing inspiration from her childhood memories of mission life and 'escape' into the consoling beauty of nearby bushland
- *Paintings by Punmu Kids*—an exhibition of paintings which were the product of a workshop conducted by Queensland artist David Edward Conolan with children from the Pilbara's Punmu Aboriginal Community

# Western Australian Museum— Science and Culture

- *Bardipwarrang An: Stories to Tell*—an exhibition of 12 large lithographs by Noongar artist Laurel Nannup, each illustrating an accompanying story drawn from memories of her childhood on the Pinjarra Reserve and in Wandering Mission, as part of the 2003 Perth International Arts Festival.

Anna also curated *Sojourners to Settlers: Chinese Migrations to WA*—an exhibition exploring Chinese settlement in Western Australia from the 1820s to the present. This community-driven exhibition was developed by the Museum and the Chung Wah Association of Western Australia, with financial support from the Office of Multicultural Interests.

## History

The Department provided photographs, objects and text for the Geraldton Mid-West Gallery, working closely with Exhibition and Design staff.

History staff led tours for schools, tertiary students, regional museums groups, the Lace Guild and Museum Studies groups of the *Western Australia: Land and People* Gallery and storage areas.

The collection of essays *Country: Visions of Land and People in Western Australia* was published and launched in February 2003. The book will be of significant use for students of Western Australian history and for all those interested in understanding the environmental past. Linked with the *Western Australia: Land and People* gallery, it includes essays from historians and others interested in the environmental history of the state. The collection represents a significant commitment by the Department to continuing research in this field. History Curator Mat Trinca, Dr Andrea Gaynor of the University of Western Australia and Associate Professor Anna Haebich of Griffith University, edited the book. Dr Sue Graham-Taylor contributed a chapter on the history of air pollution in the state.

The Department continued to play a key role in the MuseumLink program, with Sue Graham-Taylor's involvement in the *Wind at Work* exhibition. Sue is also developing an exhibition on waste that will tour Western Australia. The *Watching Waste* exhibition, to be completed by the end of the year, is funded by a grant from the Waste Management and Recycling Fund.

The Department continued its involvement with sustainability issues, both in terms of exhibition input, involvement of the Museum with government sustainability processes, and in the development of a Museums Australia policy on sustainability for museums.

Staff started working with colleagues in the Anthropology Department to revise *Katta Djinoong: First Peoples of Western Australia*. The new version of this exhibition is scheduled to open in the Hellenic Gallery in early 2004 following the closure of the Francis Street building.

## Aquatic Zoology

The second edition of *A Field Guide to Crustaceans of Australian Waters* by Diana Jones and Dr Gary Morgan was released. The second edition updates a book which has become the identification bible for crustaceans in Australian waters. It won the 2002 Whitley Book Award for Best Field Guide.

The annual conference of the Australian Marine Sciences Association was held in Fremantle from 9–12 July. The conference was an outstanding success, with about 300 delegates from all parts of Australia and several overseas countries. The theme was tropical–temperate transitions, which reflects the wide range of marine habitats in Western Australia. Department staff contributed substantially to the conference. Dr Fred Wells was a keynote speaker, a member of the organising committee, editor of the abstract volume, and liaison between the national council and the local committee. He was re-elected as a member of the national council. Diana Jones chaired a session on introduced marine pests, and she, along with Dr Barry Hutchins and Dr Jane Fromont, presented papers at the conference.



# Western Australian Museum– Science and Culture

Dr Wells undertook two trips overseas as part of the task of organising the World Congress of Malacology, Perth 2004. He presented scientific papers and talks on the conference at meetings in Charlestown, South Carolina, USA, Vigo, Spain and Manila, Philippines. Dr Wells also visited Thailand to assist in setting up the field program for his PhD student, Kitithorn Sunpanich. Mr Sunpanich worked at the WA Museum for more than two months in early 2003 and participated in the Esperance workshop.

Diana Jones acted as a consultant regarding the purchase of the Freycinet Collection by the State Government. Several sections of the Baudin Exhibition, developed by Ms Jones, were used in the resulting Freycinet Exhibition at the State Library. As an executive member of the WA Terra Australia 2000 Committee, Ms Jones attended the unveiling of Baudin Busts at Albany and Shark Bay and the launch of the Baudin History School Kit at Government House.

Dr Jane Fromont attended the sixth International Sponge Conference in Rapallo, Italy in October 2002, presented two papers, and was a co-author of two other papers and a poster.

Melissa Hewitt participated in a beach walk along Cottesloe Beach with the Naturalist Club, as an expert crustacean specialist. She and Mark Salotti also led an exploring intertidal reef program at Rottneest Island as part of the Sea Week celebrations.

## Earth and Planetary Sciences

Dr Ken McNamara was invited to give the second annual Leverhulme Lecture on the role of heterochrony in vertebrate evolution by the Leverhulme Centre for Human Evolution at the University of Cambridge. He also lectured on the role of hox genes (genes that regulate development) in trilobite evolution in the university's Department of Earth Sciences and gave lectures at UWA and Curtin University, and to several community organisations.

The very popular Earth and Planetary Sciences Visiting Scientist Seminar Series continued with seven seminars presented by visitors from Australia and overseas.

Dr John Long gave 34 public lectures, reaching directly some 2,380 people, including talks to school groups during Childrens' Book Week, (19–23 August 2002), and public talks and workshop sessions during the Perth Writers Festival (February 2002), focusing on the boundaries between scientific research and science writing. He also spoke in Bunbury, Kalgoorlie, Broome and Beijing, China.

Dr Alex Bevan and Professor John de Laeter were finalists in the prestigious Eureka Science Book prize for 2002 for their critically acclaimed *Meteorites: a journey through space and time*. Dr Bevan lectured to first-year students at UWA's Department of Geology and Geophysics and Curtin University's Department of Geology, and presented public talks, including one in the *museum@work* series, on meteorites and the origin of the solar system.

Dr Geoff Deacon has been conducting public programs in association with the Education Department since October 2002. To date, 19 Diamonds to Dinosaurs fossil and dinosaur classes have been completed with 600 children from pre-primary to Year 6 attending.

The Dinosaur Club continued to expand. Currently, the membership for *DinoNews* 18 (released in August 2002) is 510 locally with a similar number of members in the Eastern States. *DinoNews* 19 will be printed in the very near future.

## Terrestrial Invertebrates

The Department produced 11 research publications, a book, an interactive CD-ROM, six popular publications and 12 conference papers and unpublished reports during the year.

Mark Harvey, with co-authors Robert Raven and Barbara Baehr of the Queensland Museum, published the most significant identification tool for Australian spiders yet produced. The CD-

# Western Australian Museum– Science and Culture

ROM *Spiders of Australia: interactive identification to subfamily* was published by CSIRO Publishing and Australian Biological Resources Study, and was funded by a grant from the Australian Biological Resources Study, a federal agency dedicated to fostering and funding research into the systematics of the Australian biota. This user-friendly computer-based key is revolutionising how spiders are identified.

Another highlight was the publication of Mark Harvey's book *Catalogue of the smaller arachnid orders of the world: Amblypygi, Uropygi, Schizomida, Palpigradi, Ricinulei and Solifugae* by CSIRO Publishing. This authoritative volume of 400 pages provides the correct taxonomic name for any given family, genus or species within each of the six arachnid orders treated. It contains a valuable summary of bibliographical information, enabling readers to access the worldwide literature for these smaller orders. It treats more than 1,600 species and contains the most current classification system for each group, some of which have not been catalogued on a world scale for more than 70 years.

In September, Bill Humphreys presented two papers and a poster at the Australian Society for Limnology Conference and attended the XVth International Symposium of Biospeleology, Verona, Italy, and presented papers on the anchialine (groundwater estuary) ecosystems of Australia (North-West WA and Christmas Island), and the evolution of subterranean diving beetles and a poster on new stygal (confined to groundwater) crustaceans. In January, he presented two papers at the Australian Speleological Federation Biennial Conference. In June, he was the invited scientific expert on groundwater ecosystems at the *National Workshop in Groundwater Dependent Ecosystems Policy and Management* in Melbourne for Environment Australia.

Terry Houston served on the organising committee for the 33rd Annual General Meeting and Scientific Conference of the Australian Entomological Society held in Fremantle from 22–27 September. He presented a paper concerning his study of sandgroper biology at the conference. Terry also wrote short articles concerning Perth's invasive mole crickets for various newsletters that circulate to regional and interstate readers.

## Terrestrial Vertebrates

During the year, Norah Cooper put the skull of *Mesoplodon densirostris* M48705, a beaked whale that was stranded in 2000 at Exmouth, on display in the Discovery Centre along with a taxidermied skin of *Suncus murinus*, an Asian animal, which arrived at Perth International Airport in February 2003.

Ron Johnstone gave two radio interviews on cockatoos and Norah Cooper gave three newspaper interviews related to mammals and one television interview. Ric How was interviewed by ABC Kimberley on island survey and biodiversity issues. The staff teach the Marsupial Biology Class in UWA's Zoology Department each year.

*Cockatoo Care*, a joint initiative between the Museum and the Water Corporation, has promoted enormous community interest and support through a website, workshops and school programs. Kim Sarti organised and databased 1,000 cockatoo observation cards. *Cockatoos by Conelan*, an exhibition of paintings was launched in August and supports this initiative.

Development of *FaunaBase*, which provides online access to all the Museum's vertebrate collections, was continued by Dr Graeme Christie. In addition, terrestrial vertebrate records of the Queensland Museum and Museum and Art Gallery of the Northern Territory were added to *Faunabase*, providing a more complete coverage of Australia's tropical fauna. Staff gave numerous lectures during the year to both scientific and public groups. Public lectures by visiting scientists Dr Cath Kemper (South Australian Museum) and Dr Peter Spencer (Marsupial Cooperative Research Centre, Perth Zoo) were organised by the Department.

## Western Australian Maritime Museum



*Jon Sanders (left) and David Dicks, both solo circumnavigators, assist in setting up Sander's boat, Parry Endeavour which is housed in the new Maritime Museum.*



*The Maritime Museum's newly appointed Visitor Services Officers.*



*Dr Michael McCarthy and Visitor Services Officer Kylie Thomas with a display model of the Xantho engine.*

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# Western Australian Maritime Museum

The construction of the new world-class Maritime Museum at Victoria Quay was completed in May 2002. The six-month fit-out was completed on time, on budget, and the facility was opened to the public by Premier Dr Geoff Gallop on 1 December 2002.

The completion of this facility—the biggest project in inner Fremantle since the 1890s construction of the shipping harbour—is a milestone for the Maritime Museum, which is now the leading agency in the cultural development of the Fremantle Waterfront Precinct. The new building houses six ‘permanent’ exhibition galleries, a travelling exhibitions gallery, a function centre and a theatre. The Museum also has A Shed on the east side of the new facility for the use of staff, and the historic slipways complex on the south side.

The new venue has proved very popular as a cultural tourism destination. Visitors to the Victoria Quay sites (the new building and the Oberon submarine *Ovens*) since 1 December totalled 202,992, with the overall number for the Maritime Museum during 2002–03 being 403,921.

VIPs who visited the Maritime Museum included HRH Prince Edward, Dr Hans Sondaal, Royal Netherlands Ambassador, Dr Antun Vujic, the Republic of Croatia’s Minister of Culture, M. Jean Poncet, Cultural and Scientific Counsellor of the French Embassy, and Mr Jose Vieira Branco, Ambassador of Portugal.

## COLLECTION MANAGEMENT

### Maritime Archaeology

Susan Cox is continuing to catalogue the Richard McKenna collection, assisted by World Ship Society Volunteers Martin Navarro and Jeff Thompson. They are entering books, journals and pamphlets onto the Maritime Archaeology database, identifying and registering ships photos, and sorting newspaper cuttings and memorabilia. They are also finalising the sorting of the Ian Stewart/R. Packer collection, purchased in 2000. A quantity of Lloyd’s Registers, duplicate to the McKenna and museum collections, were donated to the Geraldton Museum.

One significant loan from the collection was the *Zeewijk* die cut from bone, which went on loan to *The Gay Museum* exhibition from 22 January to 30 May. A photographic feature on the die appeared in the *State of the Arts* magazine and in the exhibition catalogue.

Thirty-one new objects were registered and entered onto the database, including:

- Keel bolts from *Katinka* wreck—donated by Andrew Froude
- A wooden swivel chair from *Lygnern*—donated by Ron Kenworthy
- Ceramic fragments and copper pieces from *Zuytdorp*—donated by St Vincent de Paul, Rockingham

The remaining artefacts registered were from the sites of *Sepia* and *Redemptora*.

Work on the numismatic collection involved maintaining the database, monitoring and recording all coin movements. Database editing was finalised for presentation on the web. Preparations were made for database entry of information on coins held in private collections.

Fifty-two objects were prepared for display at the new Maritime Museum, including those from the wrecks *Batavia*, *Vergulde Draeck*, *Carlisle Castle*, *City of York*, *Elizabeth*, *Emden*, *Kormoron*, *Lygnern*, HMAS *Perth*, HMAS *Sydney* and SS *Xantho*. Abbott collection artefacts were also displayed.

### Maritime History

A major icon—a Catalina flying boat—was catalogued into the Boat collection. Currently stored at the Midland Railway Workshops, it is destined for exhibition in a World War II memorial building planned for Pelican Point at Crawley. The Catalina was located in the USA by the Australian-American Catalina Memorial Foundation Inc. Fully restored, it was transported to

# Western Australian Maritime Museum

Western Australia by the US Navy. Project patron Greg Norman acquired the support of then US President Bill Clinton and Admiral Thomas Fargo, Commander in Chief of the US Pacific Fleet. Fundraising is under way to build the Pelican Point facility. The Australian-American Catalina Memorial Foundation initiated and co-ordinated the project, and the Catalina will be on a long-term loan to the Foundation for its display.

Many exciting materials, acquired by loans and donations, played a role in the exhibitions for the new Maritime Museum. The new building also stimulated public interest in donating and lending. Materials collected, purchased or borrowed from the public include: Middle Eastern silver coins from Lar near Hormuz (from Stephen Album in California) and a variety of Roman coins (provided by Thomas Bray of Oregon), all being displayed in the Indian Ocean Gallery Souk. Mrs Ulli Broeze lent documents and a model of the *Achille Lauro* for display in the immigration section of the Fremantle Gallery and Dr Nonja Peters lent personal artefacts for display in the Cargoes Gallery. In the Hooked on Fishing Gallery, Ray Miller lent his model of the Presbyterian Kunmunya mission lugger *Watt Leggatt*, a vessel he maintained in the 1950s. Hugh and Simone Morrison of Perth Dive Academy lent gear for the hard-hat diver in the pearling display.

A Hydrofoil Moth purchased from Brett Burvill and an Avon Descent powerboat obtained from the University of Western Australia for the From Tin Canoe to *Australia II* Gallery involved considerable effort. Installation of the historic boats, including Jon Sanders' *Parry Endeavour*, America's Cup-winning yacht *Australia II*, the steam pilot boat *Lady Forrest* and the Broome pearling lugger *Trixen*, created interest as they were transported from temporary storage in O'Connor. Restoration work had been undertaken by shipwrights Bill Leonard and Don Cockrell, assisted by dedicated volunteers. Conservation work was co-ordinated by Ian Godfrey and Maggie Myers. More than 2,000 objects identified for display were retrieved for the fabrication of supports by the Exhibition and Design Department, co-ordinated by Tim Eastwood and Jacques Maissin. Twelve Technical Officers were recruited to work with the gallery team leaders Denise Cook (Indian Ocean), Sally May (Fishing), Karen Jackson (Fremantle Swan River), Mike Lefroy (Tin Canoe to *Australia II*), Jon Addison (Cargoes), David Pike (Defence). Support fabrication and installation of small objects took place over a three-month period. Delivery and installation would not have been possible without Artefact Registrar Anupa Shah, Project Assistant Karina Lamb, Assistant Curator Marnie Lazar, Photographic Registrar Soula Vouyoucalos and Collection Officer Kaylene Heard. Thanks are extended to all staff, contractors and stakeholders involved in the fabrication and installation. The response of the visiting public since the opening of the Museum has been overwhelming, and all involved feel an enormous sense of pride.

Since the opening of the new Maritime Museum, a reorganisation of the collection has been undertaken. Premises at O'Connor were vacated for a smaller facility in North Fremantle. The Historic Boat and Marine Engine collections have been relocated. Shipwright and engineering workshops adjacent to the new building have been established; work will be undertaken as required on the Boat collection in the shipwright workshop, which will also provide future storage and work on display. The engineering workshop is occupied by volunteers from the Royal Institute for Marine Engineers, which has been associated with Maritime History for more than 13 years. These premises will be opened to the public with the steam machinery operated by a roster of volunteer operators—similar to the earlier exhibition in the Historic Boats Museum. Storage in A Shed has been reorganised to accommodate overflow from the O'Connor premises. The yacht *Perie Banou*, one of the boats relocated, will be used as an interactive sailing exhibit in the Education Interactive Facility.

Bill Leonard has standardised drafting procedures and presentation of the technical plans with a view to publication. He and Don Cockrell have reorganised the collection storage and established the new workshops.

# Western Australian Maritime Museum

Since the opening of the new Maritime Museum there have been five special exhibitions in the Temporary Exhibitions Gallery as well as a variety of conferences and special events. In all, the Gallery was in use for more than 70% of the time between December and June.

The first exhibition was *Living on the Edge*, a unique collection of 77 artworks from a range of collections celebrating the theme of the Western Australian coast. The paintings ranged from nineteenth-century works to contemporary views of our coastline. The following three exhibitions were partnerships with community groups:

- *Jetsam*, a collection of maritime and nautical works, produced by some of the team involved in installing exhibits in the new museum.
- *Gente di Toscana*, an exhibition about Tuscany and the people from that region who have migrated to Australia.
- *HMAS Sydney*, an exhibition of naval photographs on the theme of the four ships of the Royal Australian Navy to be named HMAS Sydney.

The final exhibition for the year, *Beacons by the Sea: Stories of Australian Lighthouses*, came from the National Archives in Canberra.

All exhibitions have been very well received and many of our 200,000 visitors have taken the opportunity to explore the works on display in the Temporary Exhibitions Gallery.

There are many exciting proposals in the planning stages for the coming year, including a 175th anniversary celebration of the foundation of Fremantle and the Swan River Colony in May and June, and a celebration of Greece and the Olympic Games in July and August. Both exhibitions will be partnerships with local community groups.

The travelling exhibition *Smugglers—Customs and Contraband* from the Australian National Maritime Museum, sponsored by the Australian Customs Service and supported by the National Council for the Centenary of Federation, opened at the Maritime Museum Shipwreck Galleries on 8 August 2002.

The submarine *Ovens* continues to attract visitors from all over the world and has now had more than 93,000 visitors. The submarine is open seven days a week and schools can book tours Tuesday to Thursday. More than 1,130 children visited the submarine last year.

The submarine staff are continuing to improve the interior to ensure its long-term preservation and are preparing to rewire the vessel in order to reactivate the internal submarine lighting system. This will add to the visitor experience once all the subdued submarine lighting is in operation.

## KNOWLEDGE GENERATION

### Maritime Archaeology

Over the past two years exposed timbers on the former slaveship *James Matthews* have been temporarily sandbagged under the direction of Dr Michael McCarthy, with Vicki Richards examining the microenvironment with her team. Coastal Engineer Trevor Winton of the MAAWA team assisting the Museum examined the causes of the erosion. His studies into the movement of sediment from the site suggested the use of inert plastic crash barriers (the sort seen on roads today) as a coffer-dam system. These interlock to form a solid 'dam'. A set of four was donated by Omni to enable the system to be tested. With Jeremy Green and Geoff Kimpton's assistance, the problems encountered in securing them on the seabed have been resolved and a monitoring regime is in place.

The first stage in the HM Ship *Roebuck* and the French exploration corvette *L'Uranie* program, led by Dr McCarthy, closed recently with the conservation and repatriation of a bell and clam to

## Western Australian Maritime Museum

Ascension Island and with the state's acquisition and display of a number of important artworks and maps from the *Uranie* voyage, including views of the wreck in the Falklands. Research coordinated by team member Bob Sexton resulted in London-based contract archivist Hannah Cunliffe's location of important archival materials including first-hand accounts of the loss of *Uranie*, a chart showing its last hours, and a hitherto unknown contract for the building of the *Roebuck*. As part of the exhibition of the de Freycinet collection at the State Library, Myra Stanbury prepared the de Vlamingh plate and early navigation instruments for loan. The plate was saved from the wreck of *L'Uranie* in the Falklands, eventually to arrive in France and then to be repatriated to Western Australia in recognition of Australian sacrifices in the defence and liberation of France.

Joel Gilman, a Maritime Archaeological Association of Western Australia member, recently donated his 1:6 impression of the stern of the SS *Xantho* aft of the boiler. Based on the archaeological data and his detailed examination of the stern of the SS *Rifle*, presently housed at the Scottish Maritime Museum, Joel spent nearly a year producing the impression under Dr McCarthy's supervision. *Rifle* is a contemporary of SS *Xantho* and Joel's analysis of the hull and its construction is an important reference for those interested in iron shipbuilding. His work appears as Museum Report Number 157 and it joins Joel's assessment of the *Xantho* exhibition (Report Number 158) as another contribution to the *Xantho* study.

Joel also fitted Bob Burgess's wooden model of the *Xantho* engine and visitors now have some insight into the way it fitted into the hull. The *Xantho* stern model joins Tom Vosmer's impression of the *Batavia* hull to give visitors a glimpse of early shipbuilding methods as they are manifested in the wrecks.

The maritime heritage of the Flying Boat Wreckage in Broome's Roebuck Bay has come under the protection of the *Heritage of Western Australia Act 1990*, the first time the Act has been used to protect a maritime site.

In 2001, Prospero Productions funded Maritime Archaeology staff Jeremy Green, Corioli Souter, Geoff Kimpton, Patrick Baker and Michael McCarthy to conduct expeditions as part of a three-part film series *Shipwreck Detectives*. One project was an expedition to Broome to investigate the aircraft wrecks. A side scan sonar survey located 85 targets in the area of the known losses. Investigations of these sites showed that they had many exposed artefacts including coins, aircraft fittings, personal possessions and armaments. These sites are known to the general public and are therefore potentially under threat. As there was no effective legislation in place to protect them, the Maritime Museum liaised with the Heritage Council, seeking protection under heritage legislation. Protection was gazetted on 20 December 2002 with the Minister for the Environment and Heritage determining that the place known as *Flying Boat Wreckage Site*, located at Roebuck Bay, should be entered in the Register of Heritage Places. This application of the *Heritage Act* was a major achievement in the protection of the State's underwater cultural heritage.

Jeremy Green took part in the Pabuc Brunu excavation in Turkey as part of the first season of work on the fourth-century BC shipwreck. The work consisted of development of the underwater photogrammetric surveying system, a joint project between the Maritime Museum and the Institute of Nautical Archaeology Bodrum.

In May, Jeremy Green and Corioli Souter, together with Mark Staniforth from Flinders University and Mike Nash from Parks and Wildlife Tasmania, visited the *Perseverant* (1841) wreck site on Dirk Hartog Island. A magnetometer survey was carried out but the wreck site location is still uncertain.

A close-plot magnetometer survey was conducted of Bathers Bay to locate underwater cultural material as part of a GIS of the metropolitan sites.

# Western Australian Maritime Museum

In conjunction with the Maritime Archaeology Association, an experimental project was devised to determine ways of protecting wreck sites from erosion. Trials were conducted at the *Omeo* site with some of the plastic interlocking barriers.

A report outlining the history, archaeological excavation and interpretation of the wreck of the barque *Eglinton* (1852) is due for publication in the coming year. The main body of the report is devoted to the artefact collection recovered from the wreck site. This is described and discussed in the context of the construction of the *Eglinton* and the significance of the cargo to the Swan River settlement entering a new economic development phase. Also included is a management plan for the site. Contributing authors are Graeme Henderson, Dena Garratt, Sarah Kenderdine, Michael McCarthy, Karen Millar and Myra Stanbury (editor).

Periodical surveys of the *Sepia* wreck site have been undertaken to monitor site formation processes as part of a wider project involving the survey of iron shipwreck sites in conjunction with the Maritime Archaeology Association.

Nine permits have been issued under the *Historic Shipwrecks Act, 1976*; five for the transfer of historic ship wreck coins and four for entry to protected sites.

## Maritime History

Maritime History is assisting in Murdoch University's \$300,000 ARC-Linkage Grant project 'Voices from the West End: the Fremantle living histories project', which involves Emeritus Professor Geoffrey Bolton, Associate Professor Malcolm Tull, Emeritus Professor George Seddon, Dr Paul Arthur, Dr Nonja Peters, Curator Sally May and others. The project pioneers collaborative research focuses on the history of the West End Conservation Area, Fremantle's central heritage district. It will assemble voices of the people of the port city, past and present, to produce an historical mosaic reflecting its evolution from the time of settlement to the present day. Maritime History is independently providing support for immigration studies and projects planned by Dr Peters at Curtin University and Associate Professor Tull at Murdoch University.

## KNOWLEDGE COMMUNICATION

### Maritime Archaeology

Brian Gohacki, an MA student from Brown University, USA, was assisted with fieldwork and research for the *Omeo* project. Maritime Archaeology Association projects included the *Europa* wreck inspection and Hamelin Bay jetty survey.

Three AIMA/NAS Maritime Archaeology training courses were run: two Part 1 introductory programs and one Part 2 field day school. Twenty-six students graduated through the introductory program, with many joining the Maritime Archaeology Association and initiating their own projects. NAS graduates Joel Gilman and Trevor Winton presented papers at the World Archaeology Conference in Washington, DC in June 2003.

The Practicum component of a postgraduate Diploma/Masters program ran from July to December 2002. In collaboration with Flinders University and James Cook University, Australia's only postgraduate degree devoted to maritime archaeology is hosted by the Department. Students spend the first half of the academic year in the universities developing a theoretical background, and then learn how to apply the methodology to maritime archaeological sites during the practicum. Students are absorbed into the departmental functions and after a short lecture series are given projects. These are directly relevant to the Department's work and help students acquire skills in maritime archaeological fieldwork, including photography, surveying,



# Western Australian Maritime Museum

measurement and recording of underwater sites. The course was designed to address the growing demand for trained professional maritime archaeologists in an expanding field. It is anticipated that the postgraduate diploma Practicum will be run every two years.

## Maritime History

The ARC-Linkage grant 'Voices from the West End: the Fremantle living histories' project will produce histories in two formats: publications that are designed to reach a wide scholarly audience and a digital (multimedia) interactive documentary form. The interactive documentary genre enables oral histories to be recorded and presented to the public using the very latest interactive media technology.

Exhibitions in the new Maritime Museum have been well received. The Education and Visitor Services sections have built on the information provided in text panels, objects, multimedia and interactives by designing programs for visitors to the museum. A basic gallery guide was developed by the Marketing section with assistance from Maritime History. More detailed information under development includes self-guided tours, information sheets, souvenir guides, and publications.

## Education

The Education Program attracted over 26,000 visitors from pre-school age to retired groups, an increase of 85% over the previous year. The dramatic increase was mainly due to the opening of the new Museum and the increasing popularity of the older visitors' program, including groups such as Rotary and Probus.

A diverse range of programs is being developed by Education that addresses the school curriculum and responds to teacher interest. Programs are refined in consultation with teachers to match their requirements. Education offers professional development workshops and familiarisation tours to teachers to support programs. Teachers' guides have been developed to allow museum visits to be expanded in school into units of work. These guides have been warmly received.

The Education section's ability to deliver a wide selection of programs to the public can be attributed to the unswerving commitment of Education volunteers. In addition to thousands of hours of guiding, volunteers assisted with general clerical work, building learning tools and making special events a great success.

The Education Volunteer group has 96 members, with 52 actively guiding across all sites. This year the training and management of the Maritime Museum Education volunteers was formalised under the Education Volunteer co-ordinator George Trotter who was also responsible for training of the Museum's 39 Visitor Services Officers.

The Batavia Lecture Series proved a success yet again, with local and international guests delivering programs showcasing a diverse and entertaining range of maritime heritage topics. These included a special series on the development of the new Maritime Museum leading up to its opening. During the year there were 18 lectures with attendances of 80% room capacity.

During the school holidays more than 5,000 young visitors and their parents took advantage of activities such as 'Pieces of Eight', 'Spice Trade', 'Cargoes', and—the most popular—'Riddled with Rats'. These are some of a growing number of programs aimed specifically at the very young.

Committed to developing and maintaining ties with the community, the Education section was involved in Sea Week 2003 at Rottnest Island, providing among other activities, an opportunity for teachers to dive on wreck-sites. Partnership with Curtin University's Sir Charles Court Young Leaders' Program has developed a highly successful annual program at the Museum that addresses the needs of talented young people from around the state in exploring our history.

# Western Australian Maritime Museum

Through community partnerships the Education section was represented on the Fremantle Heritage Week Committee, the Inner Harbour Community Liaison Committee, the Fremantle History Society and the Board of the Fremantle Chamber of Commerce.

Visits to schools and libraries, giving talks to various organisations, and developing partnerships with business, community, tourism and education bodies takes the Museum further into the community.

The Children's Activity Centre development in A Shed has now moved from the planning to the construction stage. The first interactive element, the 20-metre seventeenth-century sailing ship, is now being erected in partnership with Jobswest.

Jon Sanders' yacht *Perie Banou*, in which he completed a double circumnavigation of the world, has been moved into A Shed in preparation for its life as an interactive sailing experience for visitors.

## Marketing

A marketing strategy was implemented by Marketing Manager Karen Majer over the period from hand-over of the new Maritime Museum building to the Minister for Culture and the Arts in May 2002 to opening on 1 December.

Market research, including feedback on proposed entry charges and 'membership' models, identifying potential visitor markets for the new Museum, investigating tourist markets, and analysing Visitor Exit Surveys, was undertaken by sponsor Hides Consulting Group and Notre Dame University business students. These surveys underpinned the strategy and provided a basis for developing a marketing strategy for the Maritime Museum after opening.

The Maritime Museum's profile at opening was extremely high, and was reflected in visitor numbers after opening. The media and promotion campaign was supported by major sponsorships by West Australian Newspapers and Gatecrasher Advertising. The opening attracted an additional \$35,000 in event sponsorships to support advertising, graphic design, billboards, and publications. Media opportunities in the lead-up to opening included installing *Australia II* in its new home on 19 July 2002, 'stepping the mast' by members of the 1983 crew, and installation of the large boats, including the Fremantle pilot boat *Lady Forrest*, the pearling lugger *Trixen*, and the 100-year old Swan River ferry *Valdura*. Significant media coverage of the opening included a 16-page colour magazine in the *West Australian* and features in other local, state and national newspapers. The Maritime Museum was featured in *Postcards WA* and *At Home in WA* (Channel 7), *Access 31* (a one-hour documentary), an ABC radio outside broadcast and numerous radio and television news segments.

Highlights of the marketing plan were a series of events in the lead-up to opening, strongly supported by the Minister for Culture and the Arts. Five 'Gallery Previews' for sponsors and supporters in November 2002 were attended by an estimated 1,500 people. The opening by the Premier Dr Geoff Gallop was marked by a spectacular fly-past by Hawk 127 fighters from the Royal Australian Air Force 79 Squadron. Over 5,500 people visited the Museum on opening day and enjoyed a Carnival on the Wharf with multicultural performers, the Navy Band, an aerobatic display, a sail past by the Classic Boat Club and the tall ships *Leeuwin* and *Duyfken*, children's activities and special maritime productions by the WA Youth Theatre Company. Event sponsors contributed \$47,000 in in-kind support that directly contributed to running opening events, with additional in-kind support to an estimated value of more than \$120,000. The Maritime Museum recognises the enormous support from the local community.

The opening was also marked by the first exhibition in the new Temporary Exhibition Gallery—the art exhibition *Living on the Edge* (1 December 2002–2 February 2003). The exhibition brought together a unique collection of historical and contemporary artworks spanning the earliest days of European settlement to the present day. It was mounted by the Maritime Museum in association with the Friends of the Western Australian Museum, with grants from Lotteries Western Australia

# Western Australian Maritime Museum

and the City of Fremantle, and support from sponsors, curator Dr Robyn Taylor, private collectors, private and institutional galleries, artists and volunteers.

Other promotional activities included publication of the first issue of the Maritime Museum's magazine *Maritime Log*, a calendar for 2003, gallery guide brochure and a tourism flier produced in association with other Victoria Quay tourist attractions.

After opening, a new marketing strategy was developed to promote the whole of the Maritime Museum (new museum on Victoria Quay, Shipwreck Galleries & submarine *Ovens*) as part of the historic Fremantle maritime precinct. A weekly 'What's On' listing was initiated in the 'Today' section of Friday's *West Australian*, and planning for a press campaign progressed with sponsor Gatecrasher Advertising. The new Museum is regarded as a potential tourism icon for Western Australia. Work began on a long-term tourism promotion strategy with input from the WA Tourism Commission in conjunction with the WATC/Department for Culture and the Arts *Cultural Tourism Strategy*. A key activity is hosting visits through the WATC Visiting Journalist Program and tourism trade. Considerable interest from national and international tourist publications and operators included filming a segment of the descent video for Garuda, Singapore and Malaysian Airlines. Promotional partnerships are being developed with local tourism operators, including launching a *Fremantle Heritage Tour* package with Rottneest Express/Boat Torque Cruises and the Fremantle Motor Museum.

Strategies have been developed to promote profitable use of the Maritime Museum's venues. The Museum hosted a visit of national event organisers co-ordinated by the Perth Convention Bureau and Perth Conference Exhibition Centre, venue inspection visits, and key meetings and incentives business media.

Other activities have focused on fostering community access and partnerships, including special events. A highlight was *Maritime Archaeology Week* (11–18 May 2003) featuring behind-the-scenes tours at the Shipwreck Galleries and film screenings.

Interest in utilising the new Maritime Museum for functions commenced in earnest as soon as the new building was handed over to the Western Australian Museum in May 2002. With the Function Room being situated on the first floor and separate from the Exhibition Galleries, it was possible to hold functions without interference in the installation of the exhibits.

Initially, small promotional functions were held in conjunction with tours of the new building. However, when Western Pacific Holdings P/L asked to hold the launch of the new E-Class Mercedes Benz at the new Maritime Museum, not only was the new Maritime Museum delighted to assist, the full potential of the areas took shape.

More than 40 functions were held prior to the opening of the new Museum, ranging from promotional functions, lectures and seminars, performances and the official launches of the Exhibition galleries.

After the official opening, functions continued almost without stop until Christmas Eve and the New Year was heralded in with wedding receptions being held at both the new Maritime Museum and the Shipwreck Galleries Function Centre.

The 13th biennial conference of the Australian Association of Glass Artists Limited (Ausglass) in January became the first national conference to be held at the new Museum, drawing delegates from all over Australia. This was followed by the Fremantle International Jazz Festival, a PIAF initiative, which launched its festival in the delightful setting of the foredeck and staging an opening concert outside the bookshop on the wharf and a series of concerts in the Theatre from 17 to 19 January. It is hoped that this will become an annual event.

Overall, more than 174 functions were held during the year across the two major Maritime Museum sites, more than 133 of them in the seven months after the opening of the new Museum.

# Western Australian Maritime Museum

## Awards

- Architects Cox Howlett and Bailey Woodland received the top award in the state's 2003 Architecture Awards for their design of the new Maritime Museum.
- The Maritime Museum was a winner in the 2003 Fremantle Heritage Awards for the manner in which it enriches the unique heritage of Fremantle.
- Graeme Henderson was awarded the Commonwealth Government's Centenary Medal for his services to the Maritime Museum.
- Jeremy Green was appointed Adjunct Associate Professor in the School of Anthropology, Archaeology and Sociology at James Cook University, Townsville, for the period 1 January 2003 to 31 December 2005. He also received the Commonwealth Government's Centenary Medal for his services in the discipline of Maritime Archaeology.
- Mike Lefroy received the Fremantle Citizen of the Year Award.

## Acknowledgement

The Maritime Museum works with three committees: the Maritime Museum Advisory Board, the Maritime Archaeology Advisory Committee and the Maritime History Advisory Committee. The enormous contribution that members of these committees have made to the Maritime Museum, in an honorary capacity, is greatly appreciated and warmly acknowledged. Special thanks are due to Board members, who always made themselves available to attend meetings to ensure satisfactory progress of the construction and completion of the new Maritime Museum. The year saw the departure of Mr Peter Hickson.

The commitment and devotion of the staff and the volunteers in the crucial months before the opening of the new Maritime Museum was exemplary.

## Regional Sites

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*Terry McClafferty (left) and Geoffrey Stokes, a member of the Kalgoorlie-Boulder Master Plan Committee, discuss a proposed local indigenous display for the Western Australian Museum–Kalgoorlie-Boulder.*



*Students from Flinders Park Primary School participating in activities at the Western Australian Museum–Albany during the Percussion Pieces exhibition.*



*Port Gregory Marra Aboriginal Corporation chairwoman Pauline Gregory with a display of indigenous art, Western Australian Museum–Geraldton.*

Western Australian Museum

# Western Australian Museum—Albany

## COLLECTIONS MANAGEMENT

The Western Australian Museum's collections displayed and stored in Albany were successfully cared for throughout the year.

One hundred and sixty new items were acquired including a donation of a superb silver and red glass epergne from the Major Lockyer family in Adelaide, several rare animals and birds including a good example of a mature strap tooth whale collected from Two People Bay and a ten-metre humpback whale from Cheynes Beach, both collected in partnership with a CALM Wildlife Officer. A model of the Cheynes III, a collection of military items, school memorabilia and numerous rocks also boosted the state collections.

## KNOWLEDGE GENERATION

The Museum continued to encourage local authors to research and record information within their areas of expertise and to publish the resulting work. Les Johnson's book *Major Edmund Lockyer—Forgotten Australian Pioneer* and Joyce Reid Shiner's *Bread & Jam and Hidings* brought the number of works published to a total of five. Work also began by Stan Austin on a book about Oyster Harbour and Eclipse Island, by Kath Gibb on a book about King River, and by Les Johnson on a commercial history of Albany, in partnership with the Albany Chamber of Commerce. A time line for the Albany region is being prepared for the refurbishment of the Residency, which it is planned to publish in due course.

## Exhibitions

The gradual upgrading of the permanent displays continued with the 'pre-settlement' display reaching its final stage. The Maritime Gallery was refurbished, greatly improving the presentation of the exhibits.

Several travelling exhibitions were of great interest to the local community, including *Koorlongka*, an exhibition prepared by Edith Cowan University's Museum of Childhood in which Nyoogar people told stories of their childhoods. This was well supported by the local Nyoogar community and the associated activities were used for school holiday programs. The exhibition fee had to be raised by the Museum since *Koorlongka* did not obtain Visions funding until after leaving Albany.

*Voyage to Antarctica*, an exquisite series of framed photographs by wildlife photographer Dr Stuart Miller, was very popular and attracted a new audience to the Museum. A talk by Dr Miller added to the interest generated.

The MuseumLink displays included *Percussion Pieces*, prepared by the Albany Curator with the Anthropology Department and with the local community providing the instruments. More than 300 drums were borrowed from the makers at Flinders Park Primary School. This exhibition had a large interactive component and was very popular with schools, especially those with special needs classes, and with community groups. A drumming workshop was run in the exhibition gallery and the area was used to house several percussion activities, while drumming groups were encouraged to use the park for practices. The second MuseumLink exhibition, *Wind at Work*, was of particular interest to those communities considering getting their own wind power turbine.

The Albany Nurses Association asked the Museum to mount an exhibition telling the story of nurses from Albany who served their country in wartime. The research was undertaken by Joan Blight of the Albany Historical Society and Edith Home, the nurse who was the driving force behind the exhibition. The display generated much interest and will be incorporated into the permanent exhibitions and the information published.

# Western Australian Museum—Albany

For Proclamation Day in October 2002, a small exhibition and competition was provided as requested and funded by WAYWA. Objects on loan provided an added dimension to the documents provided by the Constitutional Museum.

A special exhibition was mounted for the launch of the Albany Aboriginal Accord using items provided by the local Indigenous community. The Museum took a stand at the Albany Agriculture Show and contact was made with more than 900 people who had not visited the Museum. An interactive competition in which people had to identify various skins provided much amusement—although only one correct entry from more than 100.

The frog garden now has visible frog population.

## KNOWLEDGE COMMUNICATION

### Events

The annual Major Lockyer re-enactment, run by a local community group, was well attended and was enhanced by the presence of Captain Sarah and Captain Flinders and their wooden ship built by Captain Sarah, which was in port at the time. The Minister for Indigenous Affairs, Alan Carpenter, together with the Mayor of the City of Albany and representatives of local Nyooigar families signed the first Aboriginal Accord in the state. About 130 community leaders attended the function at the Museum and were entertained by didgeridoo players and songs by children from Spencer Park School.

Premier Dr Geoff Gallop launched Les Johnson's book *Major Edmund Lockyer—Forgotten Australian Pioneer* at the Museum in Perth as part of the Proclamation Day ceremonies. The book was also launched in Albany by Peter Watson MLA to a supportive crowd. Joyce Shiner's book was launched by John Genoni with a talk to about 60 people by Annette Davies, a tutor in Australian Studies at the University of Western Australia. Owen Greive from the ABC launched *Across the Board*, a book telling the stories of shearers by Val Hobson. Dr Ian MacLeod gave a talk on his work to the National Trust Volunteers and later in the year gave a conservation demonstration to the volunteers and to members of the Albany Historical Society and other community groups.

### Visitors

The American Consul and his wife made an official visit to the Museum and Lyn Williamson, Director of Visitor Services, and Julie-Anne Smith, Director of Education Services, spent time discussing the needs of the Museum. The seven members of the team arranging the transfer of the Marine Gallery to Albany spent a very full day planning the move. Tim Eastwood, head of Exhibition and Design, and Kirsten Tullis assisted with the retrieval of the body of a ten-metre humpback whale for later display.

### Education

The number of schoolchildren visiting the Museum remained steady and the holiday programs continued to be popular. These were generally developed for Perth and then modified in Albany. Scavenger hunts, percussion frogs, flying things were among the most creative. NASHES education support unit visited the Museum for a very successful workshop on playing percussion led by the Curator. The Curator gave a talk and a demonstration to PEAC students on how to prepare exhibitions and the students then researched and designed a display of mythical creatures which was mounted in the Residency. The Curator also led a tour and gave talk on the Aboriginal exhibitions to a group of American students on a summer course at Curtin University.

Val Milne also led an excursion of Katanning Senior High School Year 11 geography students to The Gap and other sites and talked on geology and land formation. Forty members of the Albany Probus Club had a guided tour of the Museum and of Mouchemore's Cottage. Schoolchildren from 25 schools, including all 320 pupils from Flinders Park Primary School,

## Western Australian Museum–Albany

participated in activities at the Museum. This was a major logistical exercise with volunteers manning activities.

There were four meetings of the Advisory Board during the year, including one with the Trustees.

Assistance was given to many community groups during the year, including the Old Farm Property Advisory Committee, the National Trust, Albany Historical Society and Whaleworld.

The Bureau of Meteorology has asked the Museum to become the official 'Albany Central' weather station and will pay us \$7,000 per annum and provide training. Staff already do the rainfall readings so this will involve very little extra work.



# Western Australian Museum–Geraldton

## COLLECTIONS MANAGEMENT

The Western Australian Museum–Geraldton houses the Shipwrecks and the Mid-West galleries. The former details the circumstances and events which surrounded the early Dutch shipwrecks on the West Australian Coast. The latter, which was opened in August 2002 by the Minister, the Hon. Sheila McHale, is concerned with the geology, flora, fauna, cultural and economic development of the Midwest Region.

The Museum also creates exhibitions relevant to the local community and acts as a host to intra- and inter-state travelling exhibitions. The public also brings in, or sends to the Museum, objects, photographs, documents and other materials. Where appropriate, this material is sent to the Materials Conservation Department for conservation.

The Museum is in the process of developing a local repository for the safe storage of material which is donated or loaned and which is significant to the region. This new facility and its collections will be accessible to bona-fide researchers and students.

## KNOWLEDGE GENERATION

The Western Australian Museum–Geraldton provides a range of services and activities which help disseminate knowledge among the many communities of the Mid-West. The Marra Aboriginal Corporation leases the Museum's Aboriginal Gallery. This is a joint venture with the local Indigenous community. The Marra gallery promotes and sells local Indigenous art and craft and in the process enhances the various experiences of Museum visitors. In addition, the Mid-West gallery contains a range of exhibitions, which explore the important role that Indigenous communities have played in shaping the region.

Together the Marra Gallery and the exhibitions provide an important vehicle for increasing community awareness of the significance of Australia's Indigenous peoples.

Work continues on the Batavia Longboat Replica project, of which the Western Australian Museum–Geraldton is among the major sponsors. The Central West College of TAFE was given funding by the Training Department of Western Australia to run a 40-week course in wooden boat building. This 11.1 metre long replica longboat was built in a shed provided by the Geraldton Port Authority on Number 1 Wharf and officially launched by the Premier, Dr Geoff Gallop on 26 March 2003. Work is continuing with the final fit out and rigging of the vessel and is expected to be completed by September. An incorporated committee, consisting of local community members, has overseen the building of the boat and is involved in developing a management plan for its future use. The Museum has taken a lead in launching a range of ongoing projects in Geraldton.

The Museum is working with the City of Geraldton and the Westend Traders Association on a plan to restore Geraldton's yellow submarine for public display as part of the proposed City of Geraldton foreshore redevelopment program.

A proposal is being developed to convert the old maritime exhibition building on the Geraldton foreshore into a community repository and archive for the region. The Museum is working with the Geraldton Public Library, the Geraldton Art Gallery, the City of Geraldton and the Shire of Greenough to progress the project.

Concept plans are being drawn up to build a museum jetty to berth the Batavia longboat replica. The jetty will adjoin the Museum and will provide an opportunity to provide appropriate interpretation of the longboat as well as berthing for other historic craft. This project is being developed with the support of the Geraldton Port Authority and the Department for Planning and Infrastructure.

The Museum is working with the Mid-West Chapter of Museums Australia to support local community museums and better manage the region's diverse cultural heritage resources. The

# Western Australian Museum–Geraldton

Museum's annual Clem Burns Heritage Award has proved a great success. There were 150 entries involving five schools: Geraldton Grammar, Shark Bay, Mount Tarcoola and Allendale Primary Schools. This compares with the previous year's 45 entries from four schools.

Other events included supporting local churches at Christmas by erecting a Christmas tree in the Museum and asking the public to donate presents. These and some money were then distributed via the churches to disadvantaged families in the region. This is planned to become an annual event. Sean McGrath, the Museum's Education Officer, also arranged a multi-cultural day at the Museum in the week leading up to Christmas. This was well attended.

## KNOWLEDGE COMMUNICATION

### Exhibitions and Events

The major event of 2002–03 was the opening of the completed Mid-West Gallery by the Hon. Sheila McHale, Minister for Culture and the Arts in August 2002. The gallery has proved very popular, providing an interpretation of the region's geology, flora, fauna and cultural and economic development.

In addition, the Museum hosted a wide range of travelling exhibitions:

- *When Australia Was a Woman*, an exhibition from the Fremantle History Museum, highlighting the times when the concept of nationhood as a woman was in vogue.
- *Shedding Skin*, a small eight-panel exhibition about asylum seekers and refugees who come to Australia. The exhibition included three short stories about Afghan refugees and statistics about the number of refugees coming to Australia.
- *Raja Ampat: A hotspot for marine biodiversity*, an exhibition deriving from the work of the Museum's Senior Curator Fred Wells and his work with the Washington-based agency Conservation International. The exhibition provided an insight into the marine life found off the northwest coast of Irian Jaya to Australia's north.
- *Percussion*, a display curated by Val Milne from the Western Australian Museum–Albany which throws light on the many aspects of playing drums and percussion instruments. The exhibition has many props, which enable sounds to be made by the participating audience.
- *BG Wildlife Photographer of the Year*, a photographic display from the Natural History Museum in Kensington, London featuring award-winning nature and wilderness photographs from around the world.
- *Endangered Cockatoos of Australia*, a small exhibition of paintings by David Conolan from Queensland. His pictures depict endangered cockatoos. They are for sale and proceeds go to further research into these endangered birds.

An in-house exhibition was created to help explain the rock dredging that is being carried out in Geraldton Harbour. The exhibition is entitled *Dredging the Harbour* and provides an overview through photographs and diagrams of the dredging being undertaken by the world's largest rock dredge, *Leonardo da Vinci*, and her attendant dredgers.

### Education

As last year, there were four school holiday programs. These were very successful and involved adults and children learning about cray fishing, shipwrecks, palaeontology, astronomy, zoology, botany, photography, bush tucker and medicine, aquariums, navigation and local history. The cray fishing program involved children learning about the lifecycle of crayfish and fishing methods, including going out on the Midwest TAFE launch to lay and retrieve cray pots. Part of the education program involved an escorted day tour of Gun and Middle Islands in the Pelsart group of the Abrolhos Islands. There were 20 participants who had the opportunity to not only learn about the islands' rich and diverse wildlife but also the history of the region's Dutch shipwrecks.

# Western Australian Museum–Geraldton

## Talks and Lectures

In February, Dr Mike Dash, author of *Batavia's Graveyard* came to Western Australia from London as part of the Perth Writers' Festival. He visited Geraldton and gave an illuminating talk, using new information unearthed in the Netherlands about the family histories of some of the principal protagonists involved in the *Batavia* story. The Geraldton community paid for his return trip to Western Australia. Mike also gave a talk at the Western Australian Maritime Museum.

The Geraldton Museum was also host to the 40th anniversary celebrations held to commemorate the official discovery of the wreck of the *Batavia* in 1963. As part of the occasion, Pat Baker from the Maritime Museum presented a talk and slide show about the maritime archeology excavation that followed the discovery of the wreck.

## Media

The Museum generated 200 news items in regional and suburban newspapers—as opposed to 130 in the previous year.

GWN Television and ABC Radio provided other news coverage.

The *Geraldton Guardian* newspaper continues to provide valuable support to the Museum, providing one full page of free coverage every month.

## Awards

Following last year's success, the Western Australian Museum–Geraldton has once again been selected as one of the Mid-West's top tourist attraction in the 2002 Tourism Mid-West Awards.

# Western Australian Museum– Kalgoorlie-Boulder

## COLLECTIONS MANAGEMENT

The ongoing task of management of the collection focussed on four major activities this year. The tasks included the transfer of the information from the original card index and provenance files to a purposive computer database, a review of the Hainault collection, the expansion of the state's gold collection in the vault and the initiation of master planning for the Museum's precinct.

The ongoing task to move collection information from the card index to a computer database progressed well and provided a way to review the collection. Some artefacts were stored in the Museum's facility at Willetton, Perth, before the building of the Red Shed for collection storage in Kalgoorlie. Following the recent purchase of the facility in Perth at Kenwick, these artefacts will be returned to Kalgoorlie for storage during collection transfer from Willetton to Kenwick. It is important to record the work of Tex (Bill) Moore in curating the Kalgoorlie-Boulder collection and Mrs Amanda Lovitt for inputting the information into the database. Information technology has been substantially upgraded by the installation of a wireless bridge to connect computers within the collection storage area to the Museum server.

The Museum obtained ownership in 1976 of a substantial collection of artefacts that reflect the mining heritage of the Golden Mile. The Museum purchased objects from the Hainault Tourist Mine and immediately loaned the items back to the mine. However, on the development of the Super Pit in the 1980s, the artefacts were moved to the Hannans North Mine, where another tourist mine was developed. The Hannans North Tourist Mine developed into the Australian Prospectors and Miners Hall of Fame, which now has custody of the Hainault collection. Currently, the collection is being reviewed to determine which artefacts the Museum will keep or de-accession.

The Western Australian State Gold Collection on display in the vault will be expanded following the striking of an agreement with the Geological Survey of Western Australia. The nuggets on display include about 50% of the state's gold collection and GSWA requested a photographic inventory of the nuggets on display in the vault prior to the transfer of the remainder stored in Perth. The images were forwarded in February and GSWA advised that the remainder will be transferred to Kalgoorlie. However, their display will be delayed until a new exhibition design is developed for the vault.

Finally, the Advisory Committee initiated master planning and in late June held a marathon meeting that focussed on planning of the Museum's precinct. The committee decided to focus on extending the main building to Egan Street and the inclusion of the corridor of the old railway land.

## KNOWLEDGE GENERATION

Regional Manager Dr Terry McClafferty provided a number of talks and presentations, locally, nationally and overseas. In July 2002, he spoke to the Goldfields Naturalist Club about the role of interpretation, specifically the theory behind Freeman Tilden's work. In March, he was invited by the National Association for Research in Science Teaching (USA) to present a workshop on the effective use of museums by school students to the National Science Teachers Association (USA) at their annual meeting in Philadelphia, PA. In May, Dr McClafferty was invited to present a workshop about the evaluation of educational programs at venues such as museums, zoos and aquariums at a conference hosted by Scitech Discovery Centre, Perth.

The Minister for Culture and the Arts, the Hon. Sheila McHale, officially opened the Ethnobotanic Garden on Saturday 17 May. At the opening, the Minister announced that the Museum will recruit through the Community Development Employment Program an Indigenous trainee who will assist in the maintenance of the garden, provide interpretation to visitors and complete research about the usage of plants by the Aboriginal people of the Goldfields. The trainee will

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complete horticultural studies through TAFE at Curtin University of Technology–Kalgoorlie. In parallel with the development of the garden was creation a database to provide information about the usage of plants. The information will be available as a booklet for visitors to use in the garden and accessible online through the Museum’s website.

## KNOWLEDGE COMMUNICATION

The Education Officers at Western Australian Museum–Kalgoorlie-Boulder had another busy year with in-term school visits rising by 8% to 3,114 students and attendance at the school holiday programs rising by 4% to 1,279 children. The school visits and holiday programs have been a combined effort by the entire staff at the Museum and would not have succeeded without close co-operation from all staff.

The July school holiday program was titled *Spaced–Out–Back* and focussed on our solar system. *Spaced–Out–Back* attempted to inspire children about space as well as to educate them about planet earth’s location within the galaxy. Many popular films are set in outer space and children generally enjoy this topic. The aim of the program was to educate children and their families with some fun yet factual activities based on our solar system and beyond.

On 31 July 2002, *Prospecting Workshops* commenced at the museum. These workshops were inspired, supported and sponsored by the Amalgamated Prospectors and Leaseholders Association of WA Inc. (APLA). The workshops gave students hands-on experience of dry panning, dryblowing, gold panning and metal detecting.

In October, the theme for the school holiday program was *Outback Voices*. The inspiration and focus for this program was an exhibition by Nalda Searles entitled *Language of the Land— Learning Ngaanyatjarra*. The exhibition included a collection of 160 pictorial representations of Indigenous words, as well as a large, mixed media piece made jointly with local artist Mary McLean. Although the latter work was too large to be accommodated in the exhibition space, 156 pieces of the exhibition were displayed. A tape of the correct pronunciation of the Indigenous words played continuously throughout the exhibition. *Outback Voices* attempted to increase awareness of Indigenous languages, and specifically the bilingual nature of the Goldfields region, among all museum visitors.

The Christmas school holidays saw the return of the extremely successful *The Great Rettop Yrrah*. The program was titled *The Great Rettop Yrrah Returns* and immersed families once again in the Wamkapowie School of Witchcraft and Wizardry. The theme of these holiday programs was chosen to catch the attention of the large portion of the community that has been swept up by the ‘wizardry phenomenon’ (obvious recently through the huge popular response to *The Lord of the Rings* and the Harry Potter movies).

A special exhibition was installed at the Museum in January to coincide with the centenary of the Goldfields Water Supply Scheme and the celebrations at Mt Charlotte Water Reservoir on 24 January. The exhibition presents C. Y. O’Connor’s engineering masterpiece of the water pipeline from Mundaring to Kalgoorlie.

*Wet and Wild* was the theme for the April school holiday program. The aim of this program was to introduce and emphasise the need for water and its value as a resource. Participants were shown how water was obtained before the Perth–Kalgoorlie pipeline was built and the value of the pipeline to the region. The program also introduced the participants to Australian megafauna, in particular the *Thylacoleo*. Utilising the *Thylacoleo* skull on display at the Museum, participants were introduced to the Western Australian Museum’s efforts to explore the limestone caves on the Nullarbor Plain.

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In March, Dr John Long visited the Museum and, with help of the Friends of the Museum of the Goldfields, presented an evening talk titled *Australia's Dinosaurs and Megafauna*. It provided a way to highlight the recent discovery of skeletal remains of megafauna in caves of the Nullarbor Plain. The evening's presentation was very well attended and was arranged in two sessions. An earlier session was about dinosaurs and targeted families with children, while the later presentation about the recent discoveries of megafauna targeted adults.

In June, two local Year 10 students undertook their coursework experience component at the Museum. The Eastern Goldfields Senior High School and John Paul College students ably assisted the Education Officer and other Museum staff in assorted tasks.

## Visitor Services



*Young visitors exploring the Discovery Centre.*



*AE2 Conning tower replica is lifted into place in the Defence Gallery at the Western Australian Maritime Museum.*



*September 2002 holiday program, 'Discover the World of Chinese Culture and Arts'.*

Western Australian Museum

## Visitor Services

The Visitor Services Division had a particularly busy year with the completion of the exhibitions for the Maritime and Geraldton Museums. Both were extremely well received and a testament to the exhibition production expertise of the staff. The Education and Learning team continued to expand their programs into new areas with the development of new opportunities for schools and the community. In addition, they provided educational support for our regional touring activities as part of the MuseumLink program. The MuseumLink program expanded its activities, mostly in partnership with other organisations, including government, tertiary institutions and community-based groups, and contributed to providing a more responsive and contemporary face for the Museum. The program's highlight for the year was the successful exhibition *The Gay Museum*, through our Artist-in-Residence program, which combined art and history to provide a most engaging experience for visitors. The Marketing and Media sections continued to promote all areas of the diverse activities of the Museum and helped generate considerable state, national and international media coverage.

### KNOWLEDGE COMMUNICATION

#### Education and Learning

*Schools Education Program*—the Education and Learning Department offers a wide range of education opportunities for students of all ages and educators from all systems and sectors. School education programs and services vary throughout the year, and may be negotiated to suit a school or class need. Programs support the Western Australian Curriculum Framework, and may include student and teacher resources, teacher professional development and training, and various opportunities for engagement with Museum resources.

To enhance the effectiveness of the school programs and services provided at the Museum, the Education and Learning team continued to build on their knowledge and understanding of the Curriculum Framework through continued collaboration and links with the Curriculum Council, the Department of Education and Training, the Science Teachers' Association of Western Australia (STAWA) and the History Teachers' Association of Western Australia (HTAWA). All new school programs are compatible with and support the Curriculum Framework.

The curriculum planning pro-forma developed in 2001–02 to assist teachers with planning a visit to the Museum and linking their prospective teaching and learning programs to the Curriculum Framework has proved very popular with teachers and other educators. In 2002–03, the pro-forma was updated in consultation with the Curriculum Council, and adapted for use with MuseumLink exhibitions and the Alcoa Frog Watch program. The pro-forma is now available both in hard copy and electronically, and has been used as a curriculum planning model by institutions as far away as Imaginarium, the science centre in Devonport, Tasmania.

In 2002–03, 21,702 students visited the Perth Cultural Centre. This is slightly less than the total for 2001–02, and is to be attributed to the closure of the Francis Street building, and the loss of the Aboriginal and Marine school programs through gallery closures.

Other education resources developed by the Education and Learning Department during the year include:

- *Western Australia: Land and People Teacher Resource*—an education resource to support teachers and students with their exploration and learning related to the Western Australian: Land and People Gallery. (This resource will be launched in the first week of Third Term 2003).
- *Dr Jones' Adventures*—a series of three discovery learning booklets that encourage students, or children and their families, to explore the Museum's galleries. Adventure One helps users to explore the Discovery Centre.
- *Top Tips for Teachers*—a new issue entitled *Wind at Work* was published this year, adding to the series of ideas sheets developed in 2001–02 to support learning linked with MuseumLink visits.



## Visitor Services

- *Our Backyard*— an education resource designed to support the video of the same title, produced by Clay Bryce. It is designed as a set, to facilitate understanding about the Dampier Archipelago.

*Community Education*—the Education and Learning team developed collaborative projects with a variety of stakeholders to expand its community education role. Of particular note are those with:

- History Teachers' Association of WA (HTWA)
- Science Teachers' Association of WA (STAWA)
- Teachers of Primary Extension and Academic Challenge (PEAC)
- Marine Education Society of Australasia—WA Branch (MESA)
- Greening Australia (WA)
- World Wildlife Fund for Nature (WWF)
- Millennium Kids
- Nursery and Garden Industry of Western Australia (NIAWA)
- National Trust of Australia (WA)
- Chung Wah Association
- Kidogo Arthouse
- Perth Observatory
- Armadale Reptile and Wildlife Centre
- Geological Survey of Western Australia
- Swan River Trust
- Swan Catchment Centre
- Bennett Brook Catchment Centre
- Western Australian Tourism Commission
- City of Perth
- Swan TAFE

Through these partnerships the Education and Learning team developed a broader range of programs and service catering for various community groups. The School Holiday Program was a particular success, catering for children and families, as well as child care and vacation care groups. *Fantastic Froggy Fun*, presented for three weeks in January, attracted 1,117 children, aged 3–12. The School Holiday Program is a growth area, which now requires more time and resources to deliver. Its activities at the Discovery Centre are also attracting pleasing numbers to the Museum. They are promoted through the City of Perth Playground Pass initiative, and have proved very popular with children and families, as well as tourists. *Frolicking with Frogs*, presented over the two-week school holiday period in July 2002, attracted 22,201 visitors to the Discovery Centre.

*Loan Centre*—the Museum maintains an extensive loan collection of artefacts, historical items, cased fauna, bottled specimens, and themed education kits and cases. Items in the loan collection are suitable to assist teaching and learning programs in schools and other education institutions and within the community to inspire discussion, assist research, create displays or promote special events.

During 2002–03, 2,116 items were borrowed from the Loan Centre. It is estimated that more than 112,000 schoolchildren were assisted through these loans.

## Visitor Services

*Discovery Centre*—with the appointment of Community Education Officer Luke Donegan in March 2002, Discovery Centre operations underwent a successful review. Staff now develop short-term displays on a regular basis relating to current events and natural phenomena. These value-add to the permanent displays in the Centre, giving it a more contemporary atmosphere and promoting public awareness and interest. Two displays that were particularly well received by the general public were those developed to celebrate NAIDOC Week (July 2002) and Adult Learners' Week (September 2002). In addition, several new programs targeting different audiences have been introduced, with very positive feedback from the general public. School holiday activities appealing to families with children aged 5–12 have been introduced, and are promoted through the City of Perth Playground Pass initiative. In 2002–03, a total of 69,713 people visited the Discovery Centre during school holidays.

*museum@work*—is a successful new program targeting the general public. It presents five free lunchtime lectures or seminars each quarter and communicates the work of curators, conservators, historians and technicians, giving a behind-the-scenes look at the work of the Museum. *museum@work* has now seen two highly successful series, and attracts adults with a variety of interests and from a variety of backgrounds. Attendances at the presentations range from 50 to 100 people.

*Free guided tours of the Western Australia: Land and People Gallery*—working together on a collaborative project, staff from the Education and Learning Department, Marketing and Media Department, and Visitor Services Officers introduced a new public program providing free guided tours of the Western Australia: Land and People Gallery. Extensive training was provided for the Visitor Services Officers, who deliver the tours at 2.00 pm each weekday. The tours have been very well received with groups of up to 25 taking part.

*Alcoa Frog Watch*—this program underwent an extensive review during 2002–03. Its public awareness and schools education projects now focus on three areas of activity:

- Encouraging registered members of Alcoa Frog Watch to become advocates for frog conservation and frog awareness activities.
- Contributing to education sector curriculum outcomes in environmental values, awareness and understanding through a schools education program.
- Contributing to a wider community awareness of frogs in their natural habitat through the identification of species and promotion of frog conservation issues.

### Marketing and Media

The Museum's Marketing and Media Department's staff of two is responsible for promotion of the Museum and its activities through strategic communications, marketing, media relations and corporate publications, in addition to other activities. Since it was established in February 2002, the department has generated substantial media exposure for the Museum, with more than 1,000 stories covered, reaching millions of people worldwide.

Major stories in 2002–03 included the expedition to recover the *Thylacoleo* skeleton by Dr John Long and his team in July 2002. To maximise publicity for this find, the Marketing and Media Department developed an exhibition in liaison with Exhibition and Design, and organised a media conference attended by the Premier and the Minister for Arts, with television, radio and press in attendance and follow-up by media outlets from around the globe. In August, the completion of the Geraldton Museum was marked by a ministerial launch and media coverage organised by the department. At the same time, the team secured front-page coverage in *The West Australian* with a story promoting the Museum's wildlife photography exhibition. Four months later, the opening of the new Maritime Museum generated significant media interest around Australia.

The Museum's curatorial staff also gained television, radio and newspaper coverage, and in publications such as *Intersector*, *New Scientist* and *National Geographic*, promoting the value

## Visitor Services

of the Museum's world-class scientific and cultural research and significance of its collections to the community and stakeholders. Marketing, for example, worked closely with Curator Ron Johnstone and the Water Corporation to increase awareness of and support for the Cockatoo Care program through media coverage and the development of the art exhibition, *Cockatoos by Conolan*.

The Museum strengthened its relationship with the Perth International Arts Festival, with a number of major events located in the Museum. These included: *The Gay Museum*, the *Sex Pistols: Destroy* photography exhibition, *Stories to Tell: Bardipwarrang*, *Celestial City* activities, *Awesome Children's Festival* workshops, Perth International Writers Festival and the *Straight to the Arts: Unplugged* lecture series.

The Museum's magazine *Tracks* continues to be an important marketing and public relations tool to communicate with both internal and external audiences. Produced in-house, the publication aims to promote the many different faces of the Museum, from public programs to exhibition design and fieldwork, with stories covering each of the Museum's sites. *Tracks* also provides an important opportunity to cross-promote its sites and services, through documentaries, online databases, the Museum's assistance program to the State Library, publications and commercial activities.

The Visitor Service Officers perform a key role as the public face of the Museum and are usually the first point of contact for visitors. The team of 19 are a valuable source of information for staff and visitors alike, and ensure the security of the site and the safety of visitors. In 2002-03, the officers enthusiastically took on the role of tour guides with the introduction of free public tours of the Western Australia: Land and People Gallery. The success of these tours means that others will be developed in 2003-04.

### Exhibition and Design

While 2002 was dominated by the completion of exhibitions in the new Maritime and Geraldton Museums, 2003 has seen a focus on the Perth site with the relocation of the *Katta Djinoong* and Marine Gallery exhibitions.

*Mid-West Gallery, Geraldton*—the completion of the Geraldton Museum culminated in the opening of the Mid-West Gallery exhibition in August 2002. The stories in this exhibition follow two intersecting transects—one temporal and one spatial. Traditional Aboriginal culture and post-settlement social history have been skilfully integrated with the natural history of the region to produce a rich, varied and informative experience for the visitor.

*New Maritime Museum*—years of planning for these exhibits came to fruition on 1 December 2002 when Premier Dr Geoff Gallop officially opened the Museum to the public. The delivery of this project required Exhibition and Design to double its workforce during an intensive four-month period in order to complete the installation of showcases. The team worked closely with curators and conservators to achieve this goal and the resulting exhibitions are a credit to all involved.

*Two Emperors*—in September 2002, the Museum hosted the first showing in Australia of *Two Emperors*, an exhibition of artefacts from two early periods in Chinese history—the Qin and Han dynasties. All the material on exhibit was loaned by museums in Shaanxi Province in the People's Republic of China. The material was excavated from emperors' tombs and ranges from life-size cavalry soldiers to small sculptures and jewellery; and from terracotta to bronze, jade and gold. The exhibition was valued at \$78 million, making it the most valuable ever to have been displayed at the Museum.

*Sex Pistols: Destroy*—the Museum has actively sought to diversify the subject matter of exhibitions to expand its audience into all ages and interest groups. *Destroy* is an exhibition which targets a youth audience—through a series of high-quality photographic images it tells the story of the Sex Pistols at the peak of the Punk Rock era of the early 1980s. The exhibition

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was installed in the Hackett Hall foyer on a custom-designed and manufactured display system produced in-house, which was described by the photographer himself, Dennis Morris, as the best exhibition of this work he had seen.

*The Gay Museum*—is a unique exhibition exploring the history of gay and lesbian presence in Western Australia. It was one of several during the year that highlighted communities within specific cultural groups. The exhibition was curated by the Museum's Artist-in-Residence Jo Darbyshire and was produced as a MuseumLink project. In developing the exhibition, the artist was given the special privilege of unrestricted access to collections, allowing her to choose objects and interpret them in unconventional ways. The result was highly thought-provoking, as was demonstrated by the visitor survey responses. The overall feedback was overwhelmingly positive with many people applauding the Museum for the initiative.

*Sojourners to Settlers* and *Aanpassen*—we showcased the Chinese community, in partnership with the Chung Wah Society, by producing the *Sojourners to Settlers* exhibition and the Dutch community through artworks from local Dutch artists and the work of Dr Nonya Peters with the exhibition *Aanpassen*, which is now touring the state.

*Wind at Work*—was produced as a travelling exhibition through the MuseumLink program. It was made possible with assistance from the Sustainable Energy Development Office and will tour ten regional sites during the coming year. The exhibition traces the history of wind power through the ages, the merits of wind power generation and how it can assist with the sustainable economic development of regional towns. The new wind farm at Albany is cited as an example of how wind farms can supplement existing power sources with a clean and sustainable alternative.

*Francis Street relocation*—planning and preparation for the relocation of the galleries and bookshop from the Francis St building to their respective new locations dominated the second half of the year.

The Museum Shop will be relocated to the ground floor of the Old Gaol. It has been designed by Exhibition and Design staff and construction will begin shortly.

*Katta Djinoong* will be moved to the Hellenic Gallery where preparation work has been under way for several months. The skylights have been blocked out with timber panelling while the walls have been repainted. Earlier in the year new lighting track and special exhibition lighting were installed in the gallery, bringing it into line with modern gallery practices. Current work includes condition reporting and conservation work of the collection prior to relocation and the manufacturing of purpose-designed showcases. The new exhibition is due for completion in early 2004.

The Marine Gallery exhibition, the home of the popular blue whale exhibit, will get a major facelift as it is redesigned to fit the Eclipse building at the Albany Museum. The blue whale itself, however, will be staying in Perth for much-needed conservation work.

### MuseumLink

This highly successful program has continued to grow and expand its relevancy to diverse audiences with the development of cost-effective touring exhibitions, programs of lectures and talks in partnership with the University of Western Australia, the Office of Multicultural Interests and Vision WA. It has partnered the Museum of Childhood in the production of the Koorlongka exhibition depicting Indigenous childhoods and has assisted in the touring component of this. Additionally, it has been successful in securing grants for the production of exhibitions on wind power, waste management, and for an exhibition on contemporary music, *Spin*, which will be completed in 2003-04 and tour.

MuseumLink showcased the Chinese community through its partnership with the Chung Wah society during the Chinese Festival in September this year. The history of the Chinese community

# Visitor Services

in WA was depicted in the *Sojourners to Settlers* exhibition while Chung Wah members provided a host of activities for museum visitors. At the same time, the *Two Emperors* exhibition and an exhibition of contemporary art by Chinese women artists provided further opportunities for visitors.

## 2002–03 Exhibitions and Events

### External events/venue hire

- Gay Pride Festival Launch (06/09/02)
- Survivors of Child Abuse exhibition (01/11/02–11/11/02)
- Water Corporation Marine Cam launch (22/11/02)
- Arts Management WA (Christmas Function) (27/11/02)
- Peet and Co (Christmas Function) (28/11/02)
- Rio Tinto Future Fund (Christmas Function) (29/11/02)
- Conservation Council (21/02/03)
- Fremantle Arts Centre Press book launch (09/03/03)
- Anglicare Youth Forum (11/06/03)

### Exhibition and other launches

- *Cockatoos by Conolan* (01/08/02)
- *Two Emperors* (19/09/02)
- *Harvest Moon Festival* (22/09/02)
- *Chinese Women Artists* (01/10/02)
- *The Gay Museum* (22/01/03)
- Laurel Nannup exhibition (12/02/03)
- *Country* book launch (27/02/03)
- Museum Awards (30/05/03)
- *Shoot the Artist* (29/06/03)
- *Impossible Gaze* (29/06/03)

### Seminars

- John Long talk (MuseumLink) (05/12/02)
- PIAF Straight to the Arts (22/01/03, 29/01/03, 05/02/03, 08/02/03, 12/02/03)
- MuseumLink/Vision WA seminar (20/03/03)
- MuseumLink/Institute of Advanced Studies (UWA) Gillian Beer talk (26/03/03)
- WAMACES lecture (17/05/03)
- MuseumLink/Vision WA seminar (07/03/03)
- OMI seminar (08/03/03)
- OMI seminar (10/06/03)

### museum@work series

- |               |                |                                    |
|---------------|----------------|------------------------------------|
| • 7 February  | Di Jones       | Life in the Ocean Abyss            |
| • 21 February | Alex Bevan     | Meteorites and the Origin of Earth |
| • 7 March     | Norah Cooper   | Australia's Amazing Animals        |
| • 21 March    | Kirsten Tullis | Secrets of Taxidermy               |

## Visitor Services

- 4 April Ian MacLeod Tales of Shipwrecks
- 9 May Ross Chadwick The South-West Aboriginal Collection
- 23 May Dr Mark Harvey Spiders and Their Kin
- 6 June Dr Jane Fromont Western Australia's Wealth of Marine Biodiversity
- 20 June Anthea Paino Frogs—Bioindicators of the Environment

### Exhibitions

Exhibition	Dates	Location
<i>Israel from the Air</i>	15/06/02–15/07/02	Kalgoorlie
<i>Masks</i>	01/07/02–01/08/02	Fremantle History
<i>Shedding Skin</i>	22/07/02–19/08/02	Kalgoorlie
<i>Cockatoos by Conolan</i>	01/08/02–17/08/02	Perth
<i>Smugglers, Customs and Contraband</i>	08/08/02–31/10/02	Maritime
<i>Voyage to Antarctica</i>	15/08/02– 06/10/02	Albany
<i>Aanpassen</i>	19/08/02– 30/09/02	Kalgoorlie
<i>BG Wildlife Photographer and Voyage to Antarctica</i>	31/08/02– 26/09/02	Perth
<i>Two Emperors</i>	19/09/02–01/12/02	Perth
<i>Sojourners to Settlers</i>	22/09/02–01/12/02	Perth
<i>Zhejiang Women Artists</i>	01/10/02–14/10/02	Perth
<i>BG Wildlife Photographer</i>	02/10/02–24/11/02	Geraldton
<i>Percussion</i>	15/10/02–06/12/02	Albany
<i>Quaker Journey</i>	30/10/02–15/01/03	Fremantle History
<i>Koorlongka</i>	29/11/02–03/02/03	Albany
<i>Living on the Edge</i>	01/12/02–02/02/03	Maritime
<i>Raja Ampat</i>	09/12/02–30/04/03	Geraldton
<i>Shedding Skin</i>	07/12/02–07/02/03	Geraldton
<i>Thylacaleo</i>	20/12/02–31/05/03	Kalgoorlie
<i>Bardiwarrang An</i>	06/01/03–20/04/03	Perth
<i>Destroy</i>	16/01/03–16/02/03	Perth
<i>Gay Museum</i>	16/01/03–31/05/03	Perth
<i>Jetsom</i>	08/02/03–22/02/03	Maritime
<i>Flashback Bytes</i>	13/02/03–01/10/03	Fremantle History
<i>Dredging the Port</i>	15/04/03–30/05/03	Geraldton
<i>Percussion</i>	05/05/03–30/06/03	Geraldton
<i>Beacons by the Sea</i>	09/05/03–13/07/03	Maritime
<i>Wind At Work</i>	20/05/03–06/07/03	Albany
<i>Impossible Gaze</i>	30/06/03–03/08/03	Perth
<i>Shoot the Artist</i>	30/06/03–03/08/03	Perth

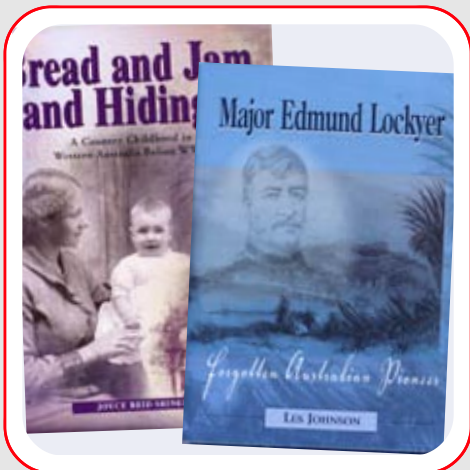
## Museum Services



*Conservator Ulli Broeze-Hoernemann, restoring the flag used in the Gallipoli Campaign.*



*Situated 2,950 kms north-west of Perth on Cocos (Keeling), Australia's westernmost and most remote museum. With the signing of a service agreement between the Commonwealth and the State, in 2002-03 the Museum Assistance Program's services are now available to the Indian Ocean territories.*



*Two titles produced and published by the Publications Department for the Western Australian Museum.*

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# Museum Services

## COLLECTIONS MANAGEMENT

Integration of a team of 25 volunteers with key conservation staff saw the completion of the restoration of the *Lady Forrest* and the *Trixen*, along with a large number of smaller vessels. Key coordinators Maggie Myers and Bill Leonard liaised with master boat builder volunteer Jeff Beale to ensure that the vessels were ready on time for installation as key exhibits in the new maritime museum. Key staff members included Don Cockerell and Alex Kilpa. Richard Garcia and Jon Carpenter teamed up to coordinate conservation projects with the National Trust on the Golden Pipeline and to manage the work of the Marine Engineers and Maurice Ogden who fine-tuned the Stanley Steamer, restored the Indian motorbike and commissioned the blacksmith's workshop.

Major changes were made at the Finnerty Street laboratories and workshops to accommodate the move of all small caustic treatments from Cliff Street. Improvements include a new staff room, a total repaint and new floor surfaces. All the large PEG tanks were decommissioned, with the degraded chemicals being converted by Custom Composts into material suitable for rehabilitation of industrial and mining sites). The hydrogen furnace has been relocated to Finnerty Street and will be recommissioned in the new year. Ian Godfrey's visit to the laboratories of the Western Sweden Conservators Trust assisted greatly in preparing submissions for the eventual relocation and construction of new conservation facilities.

Ulrike Broeze-Hoernemann, with assistance from volunteer Rachel Collinge, completed a marvellous conservation job on an Australian Gallipoli flag (for the Geraldton RSL). Staff completed condition reporting for numerous exhibitions and Carmela Corvaia and Ulrike assessed all the objects in *Katta Djinoong* in preparation for its relocation. Nikki King Smith completed a Management Plan for the submarine and slipway site. Maggie, Carmela, Ulrike, Nikki and Ian Godfrey inspected the Francis Street collections and compiled reports that will facilitate their relocation. Richard Garcia prepared templates for the manufacture of replicas of the Karijini rock engravings.

Greg Wallace, Roz Brown and Val Humphrey conducted regional field visits to 52 collecting organisations in regional Western Australia and provided on-the-spot advice on collection management issues on top of the normal massive volumes of telephone and email consultations.

Some 506 monographs were added to the Library collection and catalogued to international standards. Highly significant donations included Paul Wycherley's complete set of the *Journal of the Malaysian Branch of the Royal Asiatic Society* from 1956 to 2000, and three boxes of palaeontological journals, reprints and monographs received from Honorary Associate Yu Wen. In addition, 2,115 journal issues were accessioned; numerous scientific publications were received on exchange for the *Records of the Western Australian Museum* and its *Supplements* or for the *Journal of the Royal Society of Western Australia*. Museum Library staff manage and maintain the Royal Society Library. A Master of Education student from Charles Sturt University completed a two-week practicum supervised by Margaret Triffitt. Four trainee library technicians from Perth TAFE formed part of a team of nine volunteers who contributed approximately 1,500 hours of work, which added 255 maps to the database and initiated a new database covering full-text entries from the Museum's newspaper clippings scrapbooks, beginning with volume 1 (1889–1903).

## KNOWLEDGE GENERATION

Vicki Richards coordinated field studies monitoring corrosion of the former HMAS *Perth* and *Swan* and their impacts on the local environments and she conducted the primary assessment of the Perth's sister ship Hobart in the Gulf of St Vincent, South Australia. Vicki began a feasibility study into the use of plastic road crash barriers as a means of maintaining adequate sediment coverage of marine reburial sites such as the *James Matthews* shipwreck. Ian Godfrey and honorary research worker Inger Nystrom travelled to Casey Station, Australian Antarctic Territory,



## Museum Services

to finalise the Wilkes project (atmospheric freeze-drying of the interior and contents of a historic building). Ian MacLeod has successfully quantified the corrosion phenomena on WWII Japanese merchant vessels in Chuuk Lagoon, Federated States of Micronesia, has. Corrosion analysis of the wrecked aircraft showed up supply and quality control problems in the manufacture of Zero fighters in the latter stages of the war. He also conducted fieldwork on rock engravings on the Burrup Peninsula and is a member of a ministerial Rock Art Reference Committee overseeing an applied conservation research project on the Burrup sites over the next four years. Clare-Frances Craig has initiated a major review and revision of MAP's information resources. Two volunteers assisted with knowledge generation from the Library's collection by indexing 755 journal articles and 1,065 reprints.

### KNOWLEDGE COMMUNICATION

Maggie Myers trained Indian textile workers in best practice textile conservation techniques during an intensive four-week workshop. Conservation Department staff and intern Eric Schindelholz presented monthly seminars in which they shared recent research, analysis, treatment and training experiences with museum staff and colleagues. Extra-mural workshops, seminars and lectures were presented to a large range of audiences. Bill Leonard addressed the Maritime Heritage Association on 'Taking the lines of small craft', while Ian Godfrey gave lectures on preventive conservation, Mawson's Hut and the *Batavia* and *Vasa* acid-salt problems to Visitor Services Officers as well as to the University of the 3rd Age as well as a series of lectures aboard MV *Polar Bird*. Vicki Richards as conservation co-ordinator for the Maritime Archaeology Graduate Diploma course ran practical workshops on on-site conservation and cathodic protection in addition to lecturing. Ian Godfrey and Jon Carpenter assisted Vicki in the fieldwork program. Apart from National Trust work by Richard Garcia, consultancies included Jon Carpenter's work for International Conservation Services on three carronades recovered during excavations at Taronga Park Zoo, Sydney. Ian Godfrey acted as a consultant for the Antarctic Division regarding options for Mawson's Hut. Ian MacLeod consulted on conservation management of the Civil War submarine *H. L. Hunley* (1864) in Charleston, South Carolina, and presented a short course to metals conservation students at the Netherlands Cultural Heritage Institute in Amsterdam on the interpretation of corrosion matrixes found on archaeological metal objects. Vicki supervised two work-experience chemistry students from Curtin University and conservators gave tours of the Conservation Department to Melville Historical Society, St Mary's High School, the Western Australia Division of the Australian Academy of Technological Sciences and Engineering, members of the Royal Australian Chemical Institute and to the public. Staff presented papers at national and international conservation conferences. Conservators presented several keynote and plenary papers at interstate conferences and in Rio de Janeiro, Rome and Athens.

Department staff gave more than two dozen radio interviews on ABC state-wide and regional radio on their applied research work with articles appearing in the *Kalgoorlie Miner*, the *Albany Advertiser*, the *Geraldton Guardian*, the *Sunday Age*, *The West Australian* and *Intersector* magazine. Richard Garcia co-ordinated the use of restored Museum vehicles for the opening of the new Maritime Museum and of the Detroit Electric in a re-enactment of the first organised car event in Western Australia. Ian MacLeod was awarded a Centenary of Federation Medal for service to Australian society in metallurgical science and engineering.

Fourteen workers from seven community-museum organisations participated in the annual four-day *Introduction to Museums* course, in conjunction with Curtin University's Research Institute for Cultural Heritage. Greg Wallace and Val Humphrey contributed to the Certificate of Museum Studies through the *Introduction to Museums*, *Exhibition Development*, *Display Production*, *Planning and Management* modules, teaching a total of 126 students across the four modules.

Greg Wallace pioneered the agreement between the Commonwealth and State Governments for services to be provided through the Department of Culture and the Arts Strategic and Policy

## Museum Services

Services unit to ensure that the Indian Ocean Territories receive a level of service equitable to that available on the mainland. He chaired the National Remote and Regional Conference Committee and ran the R&R program as a major stream of the 2003 national conference. Roz Brown was a key member of the conference organising committee. Val Humphrey co-ordinated the videoconference of the plenary session to Hay, NSW, and Renmark, SA, bridged and funded by the National Museum in Canberra. Clare-Frances Craig co-ordinated other aspects of the R&R stream.

MAP contributed to the allocation of Lotteries grants for cultural heritage interpretation and the inaugural Museum Australia WA Awards for Institution and Individual of the Year. Greg Wallace continued to work with the City of Bunbury to plan for a museum and facilitate planning for the Living Windows and Working Life interpretation initiatives.

*Micro-breweries to Monopoly and Back—Swan River Colony Breweries 1829–2002*, one of three books covering the obsolete breweries of Western Australia by author/historian Geoff Spiller, was produced and printed by the Publications Department. Approaching completion are *The Voyager's Companion, or Shell Collectors' Pilot: The World's First Shell Collecting Guide* by John Mawe, compiled by Jeffrey Stilwell, which reproduces the first 1804 shell collecting guide and the 1821 shell guide. Two booklets in the *Earth and Planetary* series were revised and printed: *Newmarracarra Limestone* and *Pinnacles*. The Albany site commissioned, *Bread & Jam and Hidings* by Joyce Reid Shiner, an account of the author's childhood in the bush before WWII, and *Major Edmund Lockyer—Forgotten Australian Pioneer* by Les Johnson: Both books were produced and printed by the Publications Department. In press books include, *King River, Emu Point* and *The Chambers*, which will be jointly published with the Albany Chamber of Commerce.

Also in press are *Make and Create: A guide to the functional and aesthetic objects of Aboriginal West Australians*, edited by Anthropology Curator Mance Lofgren, *Backyard Bush Garden* by Peter Bindon, *Gogo Fish* by John Long, and *Sea Stingers*. Publications produced and printed four parts of the Museum journal *Records of the Western Australian Museum* as well as one Supplement to the *Records*, Number 65, *Devonian fish remains from the Dulcie Sandstone and Cravens Peak Beds, Georgina Basin, central Australia*, by Gavin Young and Daniel Goujet. In press are a two-volume work, *Marine Flora and Fauna of Dampier*, and *Western Australia and Metal: 2001 Proceedings of the ICOM Committee for Conservation Metals Working Group*. The team is assisting with the production of a coffee-table book detailing the history of His Majesty's Theatre. Commercial external production and printing clients included the South Australian Museum, the Royal Society of Western Australia, Alcoa Frog Watch, the Dinosaur Club, Friends of the Museum and the Education Services holiday programs and the stationery requirements for the Department for Culture and the Arts.

The combined Museum and Royal Society of Western Australia library catalogue is now available on the Internet and new acquisitions and some retrospective holdings were added to *Kinetica*, the national database of material held in Australian libraries. Increased external access to the collection resulted in 33% increase for photocopies or loans being received from other libraries within Australia and overseas. The 309 inter-library loan requests received from staff were all satisfied, with articles sourced from overseas and from within Australia. Staff were also assisted with the provision of electronically supplied journal contents pages, regular subject alerts, quarterly accession lists, and Internet searches on request.

## Corporate and Commercial Development

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# Corporate and Commercial Development

The Corporate and Commercial Development group provides the services and systems that allow the Museum to achieve its core objectives.

## ACTIVITIES

Activities of Corporate and Commercial Development include:

- financial management
- human resource management
- co-ordination of the Perth site redevelopment
- risk management
- property and security services
- information technology
- Internet and intranet development
- records management
- Perth site bookshop
- The Documentary Unit.

## FINANCIAL MANAGEMENT

Budgeting and financial reporting are provided to the Museum by the Department of Culture and the Arts. The appointment of a Finance Business Manager to the Western Australian Museum has resulted in a significant improvement in financial services. The monthly financial reports have been reviewed and made consistent with government accounting formats. A review of the financial performance of the commercial operations has commenced with analysis of the Museum's shops. This will be extended to other operations in 2003–04.

The Finance Unit participated in a study to ensure the venue management and other commercial operations at the new Maritime Museum were operating effectively and efficiently.

## HUMAN RESOURCE MANAGEMENT

The Department of Culture and the Arts' shared corporate services model has seen the continuation of a full-time placement from the Department's Human Resources team, outplaced at the Museum, fulfilling the role of Human Resources Manager (WAM). Priorities for 2002–03 have been the development and co-ordination of two large recruitment drives in the lead-up to the opening of the new Maritime Museum, development and co-ordination of a recruitment strategy to employ Indigenous Visitor Services Officers, review of Maritime Museum Administration Services as part of the Maritime Museum Management Study Group and participation on Perth Relocation project teams.

## RISK MANAGEMENT

In 2002–03, substantial refinement of the Western Australian Museum Risk Management Policy and Plan enabled the continuation of safety improvements across the Museum. The systematic assessment of funding submissions by criteria established in the Plan has targeted deficiencies and defined strategies for safety improvement across Museum sites.

This program has seen substantial improvements in the Conservation laboratories at Fremantle, Finnerty Street and the curatorial laboratories at the Perth site. Operational safety equipment has been purchased, and programs are being developed to further improve the ease and safety of access to collections. Monitoring for airborne asbestos fibres in the Francis Street Building has been ongoing and there have been no detectable asbestos fibres in this building.

# Corporate and Commercial Development

The Board of Trustees endorsed the Precautionary Principle Policy in regard to asbestos in the Francis Street Building. In brief, the Precautionary Principle requires the Museum immediately to evacuate the Francis Street Building if there is suspicion that asbestos may have been released into public or staff areas.

The Francis Street Building was vacated in February 2003 to allow preparation for relocating staff and collections to an alternative location which subsequently was acquired in Kew Street, Welshpool.

Planning and preparation for the relocation have gained considerable momentum in light of the securing of a site to accept Francis Street building functions.

## CO-ORDINATION OF THE PERTH SITE REDEVELOPMENT

The Museum's Perth site lacks modern exhibition spaces, has very limited accommodation for public programs and collection storage that puts specimens at risk. Staff working conditions, particularly in research laboratories, present significant OS&H problems.

In response to these issues the State Government appropriated \$1 million through the 2002–03 Capital Works Program for planning for the redevelopment of the Perth site. The Minister for Culture and the Arts appointed a Ministerial Steering Committee to provide advice on redevelopment options to deal with the Francis Street Building. The Committee took the view that the relocation of collections and staff from the Francis Street Building was a matter of urgency.

Initial investigations have proposed an interim relocation to a warehouse and office complex outside the central business district, which, when the major redevelopment occurs, can be used as an offsite storage facility. The 2003–04 State Budget appropriated \$12.5 million for this purpose.

Staff have commenced planning for the move of some three million items from the Francis Street Building collections. Many of the items are fragile, have stringent environmental requirements and are stored in glass containers with ethanol. The relocation of the collection will entail stabilising the collection, documenting and labelling individual specimens and ensuring each item has the appropriate packing and support. The move will give the Museum an opportunity to reorganise its collection storage and management and overcome many of the problems that have developed through lack of space in the Francis Street Building.

## PROPERTY AND SECURITY

Samson House in Fremantle received maintenance with the external stable walls being painted and fretting brickwork repaired. The Fremantle History Museum and Conservation workshops at Finnerty Street have had a new fire alarm system installed and emergency procedures were reviewed and upgraded.

Communications for the Visitor Service Officers at the Perth site and the Geraldton Museum were improved with new radios and duress buttons.

An ongoing program of building maintenance was undertaken, including management of service contracts for lifts and security systems.

## INFORMATION TECHNOLOGY

The information technology infrastructure was significantly upgraded in 2002–03 with the installation of a new network backbone at the Perth site, new servers at the Perth site and the Maritime Museum, establishment of an optical fibre link between the Perth site and the Maritime Museum and a similar high bandwidth line between the Perth site and the Department of Culture and the Arts. The Department of Culture and the Arts will be providing the Museum with the link to the Internet service provider.

# Corporate and Commercial Development

Alphawest Pty Ltd continued to provide information technology support through 2002–03. However, the contract will finish at the end of June 2003 and the Department of Culture and the Arts will take over the operation of the IT network.

## DOCUMENTARY UNIT

The Western Australian Museum Documentary Unit is in its third year and has expanded its reach into the documentary industry. This year has seen the formation of a significant co-production with Japan's largest broadcaster, Nippon Hoso Kyokai, to produce three hours of high-definition television for both the Japanese and international markets. This documentary covers the Western Australian Museum expedition, which, in 2002, discovered the first fully articulated skeleton of a *Thylacoleo*, a marsupial lion that became extinct some 50,000 years ago, as well as other very significant megafauna fossils.

Negotiations are also advancing with National Geographic in the United States and Arte in France. The Documentary Unit continues to form associations with domestic documentary industry players over a range of programmes. Productions either in production or in the development stage cover a wide range of themes including natural history, expeditions, conservation issues and history. To date the Documentary Unit has completed three programmes with *Life on the Edge Down Under* having been sold to nine countries and seen by more than 50 million viewers.

## CODE OF CONDUCT

The Department of Culture and the Arts' Code of Conduct has been distributed throughout the Museum, and forms part of all new employees' induction kits.

## FREEDOM OF INFORMATION

The Western Australian Museum received one freedom of information request during the year.

## CUSTOMER FOCUS

The Museum has continued to survey its visitors, initially with the assistance of a sponsorship by Hides Consulting and subsequently through in-house processing. The high level of satisfaction with the services provided by the Western Australian Museum is reflected in the performance indicators. More than 99% rated the Museum as 'good', 'very good' or 'excellent'.

## STATEMENT OF COMPLIANCE WITH PUBLIC SECTOR STANDARDS

Employees of the Western Australian Museum are employees of the Director General of the Department of Culture and the Arts; however, the Chief Executive Officer of the Western Australian Museum has delegated authority with respect to employment.

The Human Resource group of the Department of Culture and the Arts provides Human Resources services. Specific advice on compliance with the standards is provided for recruitment, transfer, secondment, redeployment, termination, discipline, temporary deployment and grievance resolution.

Compliance checks and controls are performed regularly by the Human Resource group, and where it appears that the Western Australian Museum has not complied with the standards, the situation is investigated and action taken as appropriate to the circumstances.

The Western Australian Museum has complied in the administration of Public Sector Standards in Human Resource Management, the Public Sector Code of Ethics and the organisation's Code of Conduct.

# Corporate and Commercial Development

Procedures have been put in place to ensure such compliance and internal checks have been conducted to a satisfactory standard.

There were no breaches of Public Sector Standards in Human Resource Management during 2003–03.

## DISABILITY SERVICES PLAN

The Museum continues to implement its Disability Services Plan. The new Maritime Museum, opened December 2002, was planned in conjunction with a disability access consultant and focus groups to ensure accessibility is at the highest level.

The Museum's website was completely redeveloped and meets all of the Priority 1 requirements under the W3C convention of accessibility for websites. The Museum's website also meets the majority of requirements under Priority 2 and Priority 3.

The Museum continues to provide services and programs for children and adults with visual or auditory disabilities. Such programs are provided via a booking service.

The Museum is represented on the Department of Culture and the Arts' Disability Services Committee and uses this forum as a means of consulting with the community.

## YOUTH INITIATIVES

A group of youth-related organisations have been meeting with staff of the Museum as part of its Youth Strategy. These groups represent the School Leaver Program, the Perth and Joondalup Education Service Centre, Central TAFE, Anglicare and the YMCA. The group has discussed the ways in which these organisations can best utilise the services of the Museum, particularly for youth-at-risk.

The first of these programs is a partnership with the Perth Education Services Office and Central TAFE. The program targets secondary school students identified as 'students at educational risk' in 2002 and will engage them in a Vocational Education and Training Program (VET) related to 'sustainability'. The program aims to re-engage the students in a learning program at the Museum, and provide them inspiration to re-engage with the learning process. Underpinning the training will be basic numeracy and literacy skills.

Two young people have been employed as trainees. A school-based Aboriginal trainee has been appointed to the Maritime Museum, undertaking training in tour guiding. A school-based trainee has been appointed to the Education and Learning Department of the Perth site for training in administration. Both trainees are progressing well.

The Maritime Museum has recruited five young people as Visitor Services Officers to service the Shipwreck Galleries and the new Maritime Museum.

## STATE RECORDS ACT

The Museum has submitted its Record Keeping Plan and is in the process of revising the draft on the basis of advice from the State Records Office. Staff training will be undertaken once the Record Keeping Plan and pursuant policies and procedures are in place.

## PROCEDURES FOR CUSTOMER COMMENTS AND COMPLAINTS

The Western Australian Museum has two policies in place relating to handling visitor complaints:

- Policy 1—Handling Customer Comments on Exhibit Contents
- Policy 2—Handling Customer Comments and Complaints

## Corporate and Commercial Development

These policies are designed to demonstrate to customers that the Western Australian Museum is knowledgeable, applies intellectual rigour to its research and knowledge base and is responsive to customer comments. The procedure is as follows:

1. All complaints need to be given to the Director of Visitor Services. If a verbal comment is given, the staff member concerned is to transcribe it on a Visitor Comment Form including the date, name, address and phone number of the customer.
2. The Director of Visitor Services will pass the complaint to the most appropriate divisional head or section of the Museum for a draft response addressing the complaint. This is to occur within one week of receiving the complaint. (If the appropriate person is on fieldwork or leave, a statement noting that the complaint has been scheduled for attention as soon as possible will be sent to the Director of Visitor Services.
3. If the complaint is straightforward, no further action will be required and the Director of Visitor Services will respond to the customer.
4. For complex complaints requiring additional time to resolve, a letter will be drafted by the relevant section and passed to the Director of Visitor Services to send to the complainant. Additional details need to be supplied by the relevant section, including what will be required to resolve the issue, the anticipated time required for final resolution and any additional resources or costs.
5. Resolution of issues and a final draft response to the customer are to occur within four weeks of receiving the complaint. This draft letter is to contain full details of how the situation has been resolved and when changes, if necessary, will be completed.

During the financial year 2001–02, the Western Australian Museum, Perth, received a total of eleven customer comments.

### WORKERS COMPENSATION PERFORMANCE

	2002–2003	2001–2002
Lost time– injury/disease (LT/D*) claims	2.32	1.68
Frequency rate	14.21	11.14
Estimated cost of claims per \$100 of wage roll	\$1.16	\$0.88
Contribution (premium) rate	1.17%	0.63%
Rehabilitation success rate	N/A	N/A

\* Light duties



# Corporate and Commercial Development

## EMPLOYMENT SUMMARY OF THE ORGANISATION 2002-03

As at 30 June 2003

<b>Salary Range (\$)</b> (Includes permanent and fixed-term employees, not casuals)	<b>Total</b>	<b>Women</b>	<b>Men</b>
0 - 35,951	99	69	30
35,952 - 41,420	31	17	14
41,421 - 46,640	9	4	5
46,641 - 51,883	28	16	12
51,884 - 60,377	21	11	10
60,378 - 70,355	23	9	14
70,356 - 79,686	9	2	7
79,687 - 91,298	6	1	5
91,299 - 103,693	0	0	0
greater than 103,693	1	0	1
<b>Total</b>	<b>227</b>	<b>129</b>	<b>98</b>
<b>Employment Type</b>			
Permanent full-time	128	67	61
Permanent part-time	67	49	18
Fixed-term full-time	26	9	17
Fixed-term part-time	5	3	2
Casual paid on 30 June	31	18	13
Other	0	0	0
Trainee	1	1	0
<b>Total</b>	<b>258</b>	<b>147</b>	<b>111</b>
<b>Senior Executive Service (SES)</b>	<b>1</b>	<b>0</b>	<b>1</b>
<b>Management Profile</b>			
*Tier 1 Management reserved for position of Director General, Department of Culture and the Arts			
Tier 1 Management*	0	0	0
Tier 2 Management	1	0	1
Tier 3 Management	6	1	5
<b>Total</b>	<b>7</b>	<b>1</b>	<b>6</b>
<b>Age</b>			
<25 years (Youth)	11	8	3
>45 years (Mature workers)	136	77	59

# Corporate and Commercial Development

## TREASURER'S INSTRUCTION 903

### Expenditure related to Advertising and Market Research Organisations

In accordance with Section 175ZE of the Electoral Act 1907 expenditure by the WA Museum on advertising and related costs is listed below

a) Advertising Agencies	\$ 1,077.83	Visitor Guide Australia P/L
	\$ 407.00	Gatecrasher advertising
	\$ 203.00	Pacific Access Pty Ltd
<b>Total Advertising agencies</b>	<b>\$ 1,687.83</b>	
b) Market research organisations	Nil	
c) Polling organisations	Nil	
d) Direct mail organisations	Nil	
e) Media advertising agencies		
Job vacancies	\$ 20,758.78	Marketforce Productions
	\$ 5,000.00	Beilby Corporation P/L
	\$ 2,465.66	Department of Premier and Cabinet
	\$ 825.00	SWY Consulting
	\$ 763.64	Southside Personnel Services
Other	\$ 33,754.60	Media Decisions WA
	\$ 7,248.32	Marketforce Productions
	\$ 5,643.30	Radiowest Network
	\$ 4,502.91	Lasso Kip P/L
	\$ 3,184.41	Albany Advertiser
	\$ 2,044.18	Hocking and Co.
	\$ 2,030.00	Cooks Tours
	\$ 1,780.08	Geraldton Newspapers
	\$ 1,620.22	The Sunday Times
	\$ 1,517.83	Golden Mail P/L
	\$ 1,444.94	Weekender
	\$ 1,250.00	The Fremantle Book
	\$ 1,100.00	Market Creations
	\$ 1,060.00	Community Newspaper Group
	\$ 953.60	Gatecrasher Advertising
	\$ 920.00	Phoenix Communications
	\$ 700.00	Australian Museum
	\$ 18,706.16	Other Media Advertising Agencies
<b>Total Media Advertising</b>	<b>\$ 89,460.55</b>	

**Compliance Requirements**



# Accounts and Financial Statements

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## AUDITOR GENERAL

### INDEPENDENT AUDIT OPINION

To the Parliament of Western Australia

### THE WESTERN AUSTRALIAN MUSEUM FINANCIAL STATEMENTS FOR THE YEAR ENDED JUNE 30, 2003

#### Audit Opinion

In my opinion,

- (i) the controls exercised by The Western Australian Museum provide reasonable assurance that the receipt, expenditure and investment of moneys, the acquisition and disposal of property, and the incurring of liabilities have been in accordance with legislative provisions; and
- (ii) the financial statements are based on proper accounts and present fairly in accordance with applicable Accounting Standards and other mandatory professional reporting requirements in Australia and the Treasurer's Instructions, the financial position of the Museum at June 30, 2003 and its financial performance and cash flows for the year ended on that date.

#### Scope

##### *The Board of Trustees's Role*

The Board of Trustees is responsible for keeping proper accounts and maintaining adequate systems of internal control, preparing the financial statements, and complying with the Financial Administration and Audit Act 1985 (the Act) and other relevant written law.

The financial statements consist of the Statement of Financial Performance, Statement of Financial Position, Statement of Cash Flows and the Notes to the Financial Statements.

##### *Summary of my Role*

As required by the Act, I have independently audited the accounts and financial statements to express an opinion on the controls and financial statements. This was done by looking at a sample of the evidence.

An audit does not guarantee that every amount and disclosure in the financial statements is error free. The term "reasonable assurance" recognises that an audit does not examine all evidence and every transaction. However, my audit procedures should identify errors or omissions significant enough to adversely affect the decisions of users of the financial statements.

A handwritten signature in black ink, appearing to read 'D D R Pearson'.

D D R PEARSON  
AUDITOR GENERAL  
November 12, 2003

# Accounts and Financial Statements

## THE WESTERN AUSTRALIAN MUSEUM CERTIFICATION OF FINANCIAL STATEMENTS FOR THE YEAR ENDED 30 JUNE 2003

The accompanying financial statements of the Western Australian Museum have been prepared in compliance with the provisions of the *Financial Administration and Audit Act 1985* from proper accounts and records to present fairly the financial transactions for the year ending 30 June 2003 and the financial position at that date.

At the date of signing we are not aware of any circumstances which would render the particulars included in the financial statements misleading or inaccurate.



DR KEN MICHAEL – TRUSTEE  
Date: 28 August 2003



MR EDWARD TAIT – TRUSTEE  
Date: 28 August 2003



DR GARY MORGAN – PRINCIPAL ACCOUNTING OFFICER  
Date: 28 August 2003

# Accounts and Financial Statements

## STATEMENT OF FINANCIAL PERFORMANCE FOR YEAR ENDED 30 JUNE 2003

	Note	2003 \$000	2002 \$000
<b>COST OF SERVICES</b>			
<b>Expenses from ordinary activities</b>			
Employee expenses	2	11,736	9,786
Supplies and services	3	4,348	3,641
Depreciation and amortisation expense	4	1,915	1,142
Administration expenses	5	1,786	1,349
Accommodation expenses	6	990	803
Capital user charge	7	5,960	3,309
Other expenses from ordinary activities	8	430	267
<b>Total cost of services</b>		<b>27,165</b>	<b>20,297</b>
<b>Revenue from ordinary activities</b>			
<i>Revenue from operating activities</i>			
User charges and fees	9	1,814	500
Trading profit	10	543	489
Commonwealth grants and contributions		354	195
State grants and contributions		2,337	1,432
Other grants and contributions non government		388	429
Donations and sponsorship	11	1,010	358
<i>Revenue from non-operating activities</i>			
Interest revenue		151	227
Other revenues from ordinary activities		248	404
<b>Total revenues from ordinary activities</b>		<b>6,845</b>	<b>4,034</b>
<b>NET COST OF SERVICES</b>		<b>20,320</b>	<b>16,263</b>
<b>REVENUES FROM STATE GOVERNMENT</b>			
Output Appropriation	12	4,437	9,773
Assets assumed / (transferred)	12	29,060	7,284
Resources received free of charge	12	16,509	9,164
<b>Total revenues from State Government</b>		<b>50,006</b>	<b>26,221</b>
<b>CHANGE IN NET ASSETS</b>		<b>29,686</b>	<b>9,958</b>
Net increase / (decrease) in asset revaluation reserve	20	(3,805)	(233)
<b>Total revenues, expenses and valuation adjustments recognised directly in equity</b>		<b>(3,805)</b>	<b>(233)</b>
<b>Total changes in equity other than those resulting from transactions with WA State Government as owners</b>		<b>25,881</b>	<b>9,725</b>

The Statement of Financial Performance should be read in conjunction with the accompanying notes

# Accounts and Financial Statements

## STATEMENT OF FINANCIAL POSITION AS AT 30 JUNE 2003

	Note	2003 \$000	2002 \$000
<b>Current Assets</b>			
Cash assets		1,555	3,287
Restricted cash assets	13	1,336	1,166
Inventories	14	708	617
Receivables	15	263	580
Amounts receivable for outputs	16	192	936
Other assets	17	62	241
<b>Total Current Assets</b>		<b>4,116</b>	<b>6,827</b>
<b>Non-Current Assets</b>			
Amounts receivable for outputs	16	1,707	0
Property, plant and equipment	18	81,101	52,854
<b>Total Non-Current Assets</b>		<b>82,808</b>	<b>52,854</b>
<b>Total Assets</b>		<b>86,924</b>	<b>59,681</b>
<b>Current Liabilities</b>			
Payables		174	99
Other liabilities	19	87	0
<b>Total Current Liabilities</b>		<b>261</b>	<b>99</b>
<b>Total Liabilities</b>		<b>261</b>	<b>99</b>
<b>NET ASSETS</b>		<b>86,663</b>	<b>59,582</b>
<b>Equity</b>			
Contributed equity	20	2,000	800
Reserves	20	14,520	18,325
Accumulated surplus	20	70,143	40,457
<b>TOTAL EQUITY</b>		<b>86,663</b>	<b>59,582</b>

The Statement of Financial Position should be read in conjunction with the accompanying notes

# Accounts and Financial Statements

## STATEMENT OF CASHFLOWS FOR YEAR ENDED 30 JUNE 2003

	Note	2003 \$000	2002 \$000
<b>CASH FLOWS FROM STATE GOVERNMENT</b>			
Output appropriations		3,474	8,837
Capital contributions		1,200	800
<b>Net Cash provided by State Government</b>		<b>4,674</b>	<b>9,637</b>
<b>Utilised as follows:</b>			
<b>CASH FLOWS FROM OPERATING ACTIVITIES</b>			
<b>Payments</b>			
Employee costs		(1,198)	(791)
Supplies and services		(7,699)	(6,350)
Capital user charge		0	(3,204)
GST payments on purchases		(1,235)	(935)
Other payments		(27)	(2)
<b>Receipts</b>			
Sale of goods and services		1,199	946
User charges and fees		1,770	510
Commonwealth grants and contributions		354	195
State grants and contributions		2,590	1,381
Other grants and contributions		326	432
Interest received		152	248
Donations and sponsorship		1,011	358
GST receipts on sales		437	286
GST receipts from taxation authority		822	614
Other receipts		239	277
<b>Net cash provided by / (used in) operating activities</b>	<b>21</b>	<b>(1,259)</b>	<b>(6,035)</b>
<b>CASH FLOWS FROM INVESTING ACTIVITIES</b>			
Purchase of non-current physical assets		(4,977)	(2,937)
<b>Net cash provided by / (used in) investing activities</b>		<b>(4,977)</b>	<b>(2,937)</b>
<b>Net increase / (decrease) in cash held</b>		<b>(1,562)</b>	<b>665</b>
Cash assets at the beginning of the financial year		4,453	3,788
<b>CASH ASSETS AT THE END OF THE FINANCIAL YEAR</b>	<b>21</b>	<b>2,891</b>	<b>4,453</b>

The Statement of Cash Flows should be read in conjunction with the accompanying notes



# Accounts and Financial Statements

## NOTES TO THE FINANCIAL STATEMENTS FOR THE YEAR ENDED 30 JUNE 2003

### 1. Significant accounting policies

The following accounting policies have been adopted in the preparation of the financial statements. Unless otherwise stated these policies are consistent with those adopted in the previous year.

#### General Statement

The financial statements constitute a general purpose financial report which has been prepared in accordance with Australian Accounting Standards, Statements of Accounting Concepts and other authoritative pronouncements of the Australian Accounting Standards Board, and Urgent Issues Group (UIG) Consensus Views as applied by the Treasurer's Instructions. Several of these are modified by the Treasurer's Instructions to vary application, disclosure, format and wording. The Financial Administration and Audit Act and the Treasurer's Instructions are legislative provisions governing the preparation of financial statements and take precedence over Australian Accounting Standards, Statements of Accounting Concepts and other authoritative pronouncements of the Australian Accounting Standards Board and UIG Consensus Views. The modifications are intended to fulfil the requirements of general application to the public sector together with the need for greater disclosure and also to satisfy accountability requirements.

If any such modification has a material or significant financial effect upon the reported results, details of that modification and where practicable, the resulting financial effect, are disclosed in individual notes to these financial statements.

#### Basis of Accounting

The financial statements have been prepared on the accrual basis of accounting using the historical cost convention, except for certain assets and liabilities, which as noted, are measured at fair value.

#### (a) Output Appropriations

Output Appropriations are recognised as revenues in the period in which the WA Museum gains control of the appropriated funds. The WA Museum gains control of appropriated funds at the time those funds are deposited into the Museum's operating bank account or credited to the holding account held at the Department of Treasury and Finance.

#### (b) Contributed Equity

Under UIG 38 "Contributions by Owners Made to Wholly-Owned Public Sector Entities" transfers in the nature of equity contributions must be designated by the Government (owners) as contributions by owners (at the time of, or prior to transfer) before such transfers can be recognised as equity contributions in the financial statements. Capital contributions (appropriations) have been designated as contributions by owners and have been credited directly to Contributed Equity in the Statement of Financial Position. All other transfers have been recognised in the Statement of Financial Performance.

#### (c) Grants and Other Contributions Revenue

Grants, donations, gifts and other non-reciprocal contributions are recognised as revenue when the WA Museum obtains control over the assets comprising the contributions. Control is normally obtained upon their receipt.

Contributions are recognised at their fair value. Contributions of services are only recognised when a fair value can be reliably determined and the services would be purchased if not donated.

#### (d) Revenue Recognition

Revenue from the sale of goods and disposal of other assets and the rendering of services, is recognised when the WA Museum has passed control of the goods or other assets or delivery of the service to the customer.

#### (e) Non-Current Assets

The cost method of accounting is used for all acquisitions of assets. Cost is measured as the fair value of the assets given up or liabilities undertaken at the date of acquisition plus incidental costs directly attributable to the acquisition.

Property, plant and equipment, computer equipment and software, furniture and fittings, have been included as non-current assets if the purchase cost is \$1000 or more.

# Accounts and Financial Statements

## 1. Significant accounting policies (continued)

All non-current assets having a limited useful life are systematically depreciated over their useful lives in a manner that reflects the consumption of their future economic benefits.

Depreciation is calculated on a straight-line basis, using the following rates, which are reviewed annually.

Buildings	2%
Computer Equipment	25%
Plant & Equipment	10%
Furniture & Fittings	10%
Scientific Equipment	10%
Transport	15%
Leasehold Improvements	1-2%

Depreciation for capital works in progress is provided for upon completion.

Works of art controlled by the WA Museum are classified as heritage assets. They are anticipated to have very long and indeterminate useful lives. Their service potential has not, in any material sense, been consumed during the reporting period. As such, no amount for depreciation has been recognised in respect of them.

### (f) Revaluation of Land, Buildings and Infrastructure

The WA Museum has a policy of valuing land, buildings and infrastructure at fair value. The annual revaluations of the WA Museum's land and buildings undertaken by the Valuer General's Office are recognised in the financial statements. The transitional provisions in AASB 1041 (8.12)(b) have been applied to infrastructure assets.

### (g) Leases

The WA Museum has entered into a number of operating lease arrangements for motor vehicles and buildings where the lessor effectively retains all of the risks and benefits incident to ownership of the items held under the operating leases. Equal instalments of the lease payments are charged to the Statement of Financial Performance over the lease term, as this is representative of the pattern of benefits to be derived from the leased property.

### (h) Cash

For the purpose of the Statement of Cash Flows, cash includes cash assets and restricted cash assets. These include short-term deposits that are readily convertible to cash on hand and are subject to insignificant risk of changes in value.

### (i) Inventories

Inventories are valued at the lower of costs and net realisable value. Costs are assigned by the method most appropriate to each particular class of inventory, which the majority being valued on a first in first out basis.

### (j) Receivables

Receivables are recognised at the amounts receivable, as they are due for settlement no more than 30 days from the date of recognition.

Collectability of receivables is reviewed on an ongoing basis. Debts, which are known to be uncollectible, are written off. A provision for doubtful debts is raised where some doubt as to the collection exists.

### (k) Payables

Payables, including accruals not yet billed, are recognised when the WA Museum becomes obliged to make future payments as a result of a purchase of assets or services. Payables are generally settled within 30 days.

### (l) Employee Benefits

The liability for annual leave and long service leave was taken up by the Department of Culture and the Arts in 1997/1998.

# Accounts and Financial Statements

## 1. Significant accounting policies (continued)

### (m) Superannuation

Staff may contribute to the Pension Scheme; a defined benefits pension scheme now closed to new members or to the Gold State Superannuation Scheme, a defined benefit lump sum scheme now also closed to new members.

Staff who do not contribute to either of these schemes become non-contributory members of the West State Superannuation Scheme, an accumulation fund complying with the Commonwealth Government's Superannuation Guarantee (Administration) Act 1992. All of these schemes are administered by the Government Employees Superannuation Board (GESB).

The Pension Scheme and the pre-transfer benefits for employees who transferred to the Gold State Superannuation Scheme are unfunded and the liabilities for future payments are provided for at reporting date.

The liabilities for superannuation charged under the Gold State Superannuation Schemes and West State Superannuation Scheme are extinguished by payment of employer contributions to the GESB.

As all the staff of the Culture and Arts portfolio agencies, including the WA Museum, are staff of the Department for Culture and the Arts, the WA Museum has no liabilities in relation to their superannuation, other than for superannuation payments incurred under the Superannuation and Family Benefits Act pension scheme.

### (n) Accrued Salaries

Accrued salaries represent the amount due to staff but unpaid at the end of the financial year, as the end of the last pay period for that financial year does not coincide with the end of the financial year. The WA Museum considers the carrying amount approximates net fair value.

### (o) Resources Received Free of Charge or For Nominal Value

Resources received free of charge or for nominal value which can be reliably measured are recognised as revenues and as assets or expenses as appropriate at fair value.

### (p) Foreign Currency Translation

Transactions denominated in a foreign currency are translated at the rates in existence at the dates of the transactions. Foreign currency receivables and payables at reporting date are translated at exchange rates current at reporting date. Exchange gains and losses are brought to account in determining the result for the year.

### (q) Comparative Figures

Comparative figures are, where appropriate, reclassified so as to be comparable with the figures presented in the current financial year.

### (r) Rounding

Amounts in the financial statements have been rounded to the nearest thousand dollars, or in certain cases, to the nearest dollar.

## 2. Employee expenses

	2003 \$000	2002 \$000
Wages and salaries	10,077	8,360
Superannuation	1,320	1,170
Workers compensation premium	85	6
Fringe Benefits Tax	62	50
Other related expenses	192	200
	11,736	9,786

# Accounts and Financial Statements

	2003 \$000	2002 \$000
<b>3. Supplies and services</b>		
Consultants and contractors	762	607
Advertising	80	63
Electricity and gas	722	432
Freight and cartage	71	63
Insurance premiums	258	116
Printing	209	260
Legal fees	9	17
Water	29	37
Sundry equipment	338	259
Travel	264	272
Exhibition Fees	59	19
Other supplies and services	1,547	1,496
	<b>4,348</b>	<b>3,641</b>
<b>4. Depreciation and amortisation expense</b>		
Depreciation		
Buildings	795	713
Computing, plant and equipment	1,100	421
	<b>1,895</b>	<b>1,134</b>
Amortisation		
Leasehold Improvements	20	8
	<b>20</b>	<b>8</b>
	<b>1,915</b>	<b>1,142</b>
<b>5. Administration expenses</b>		
Communication	333	252
Consumables	543	348
Maintenance of equipment	496	412
Lease of equipment & vehicles	414	337
	<b>1,786</b>	<b>1,349</b>
<b>6. Accommodation expenses</b>		
Repairs & maintenance of buildings	384	427
Security	291	158
Cleaning	179	152
Rent	67	11
Other accommodation	69	55
	<b>990</b>	<b>803</b>
<b>7. Capital User Charge</b>	<b>5,960</b>	<b>3,309</b>

A capital user charge rate has been set at 8% by the government for 2002/03 and represents the opportunity cost of capital invested in the net assets of the Museum used in the provision of outputs. The charge is calculated on the net assets adjusted to take account of exempt assets. Payments are made to the Department of Treasury and Finance on a quarterly basis.

# Accounts and Financial Statements

	2003 \$000	2002 \$000
<b>8. Other expenses from ordinary activities</b>		
Refund previous years revenue	237	213
Doubtful debts expense	120	16
Carrying amount of non-current assets disposed of	70	0
Grants & subsidies expense	3	16
Other	0	22
	430	267
<b>9. User charges and fees</b>		
Entrance and membership fees	1,130	0
User charges	371	329
Consultancy fees	117	119
Exhibition fees	196	52
	1,814	500
<b>10. Trading Profit</b>		
Sales	1,200	950
Cost of Sales:		
Opening inventory	617	604
Purchases	748	474
	1,365	1,078
Closing inventory	714	634
Less provision for write off	(6)	(17)
	708	617
Cost of Goods Sold	657	461
Trading Profit	543	489
<b>11. Donations and sponsorship</b>		
Donations	304	353
Sponsorship	706	5
	1,010	358

# Accounts and Financial Statements

	2003 \$000	2002 \$000
<b>12. Revenues (to)/from Government</b>		
Appropriation revenue received during the year:		
Output Appropriations (I)	4,437	9,773
	4,437	9,773
The following assets have been assumed / (transferred from) other government agencies during the financial year: (II)	29,060	7,284
Total assets assumed/ transferred	29,060	7,284
Resources received free of charge determined on the basis of the following estimates provided by agencies:		
- Office of the Auditor General	27	11
- Department of Culture and the Arts	16,482	9,153
	16,509	9,164
	50,006	26,221

(I) Output appropriations are accrual amounts reflecting the full cost of outputs delivered. The appropriation revenue comprises a cash component and a receivable (asset). The receivable (holding account) comprises the depreciation expense for the year and any agreed increase in leave liability during the year.

(II) Where assets or services have been received free of charge or for nominal consideration, the Museum recognises revenues equivalent to the fair value of the assets and/or the fair value of those services that can be reliably determined and which would have been purchased if not donated, and those fair values shall be recognised as assets or expenses, as applicable.

	2003 \$000	2002 \$000
<b>13. Restricted cash assets</b>		
Specific purpose trust funds	1,336	1,166
	1,336	1,166
Cash held in the account includes specific purpose trust account balances and unspent specific purpose grants.		
<b>14. Inventories</b>		
<b>Goods held for resale:</b>		
Bulk book store	226	254
Perth shop stock	53	56
Other Museum shops stock	429	307
	708	617
<b>15. Receivables</b>		
Current		
Trade debtors	289	469
Provision for doubtful debts	(120)	0
GST receivable	94	111
	263	580

# Accounts and Financial Statements

	2003 \$000	2002 \$000
<b>16. Amounts receivable for outputs</b>		
Current	192	936
Non-current	1,707	0
	1,899	936

This asset represents the non-cash component of output appropriations. It is restricted in that it can only be used for asset replacement or payment of leave liability.

## 17. Other assets

Current		
Prepayments	18	15
Accrued Income	44	12
Accrued Salaries Reserve	0	214
	62	241

## 18. Property, plant, equipment and vehicles

Land at fair value (I)	11,931	10,091
	11,931	10,091
Buildings at cost	6,926	13,868
Accumulated depreciation	(177)	(459)
	6,749	13,409
Buildings at fair value (I)	55,178	25,866
Accumulated depreciation	(1,260)	(1,229)
	53,918	24,637
Computer Plant & Equipment – at cost	7,259	3,623
Works in progress	0	87
Accumulated depreciation	(1,812)	(1,804)
	5,447	1,906
Furniture & Fittings – at cost	648	569
Works in progress – at cost	10	0
Accumulated depreciation	(264)	(207)
	394	362
Scientific Equipment – at cost	1,014	1,384
Accumulated depreciation	(724)	(962)
	290	422
Transport – at cost	44	111
Accumulated depreciation	(37)	(101)
	7	10
Works of art – at cost	63	26
	63	26
Leasehold improvements – at cost	2,333	2,000
Accumulated amortisation	(31)	(9)
	2,302	1,991
	81,101	52,854

# Accounts and Financial Statements

## 18. Property, plant, equipment and vehicles (continued)

(l) The revaluation of freehold land, land improvements and buildings was performed in June 2003 in accordance with an independent valuation by the Valuer General's Office (VGO). Fair value has been determined on the basis of current use or current market buying values as appropriate. The fair value of buildings has been determined by reference to the market values or current depreciated replacement costs where the buildings are specialised and no market evidence of value is available. The valuation was made in accordance with a regular policy of annual revaluation. Similar valuation was also performed by the Valuer General's Office in 2002.

In 2002, the Hackett Hall building was reported at cost value of \$6.943m. The building has been valued by the Valuer General's Office at \$2.025m for 2003 at the depreciated replacement cost. The take-up of the valuation amount has resulted in a significant revaluation decrement of \$4.918m taken to the asset revaluation reserve.

As at 30 June 2003, the new Maritime Museum land & building at Victoria Quay in Fremantle were taken up into the Museum's asset register at fair value of \$29.000million.

Discussions were held in 2002/03 on the valuation of the Museum's collections. It was noted that any methodology would be complex and expensive to implement. Currently accounting standards do not require the valuing of the collection. In 2003/04 the Museum is planning to develop a methodology for collection valuation to value the collection over a five year period.

### Reconciliations

Reconciliations of the carrying amounts of property, plant & equipment and vehicles at the beginning and end of the current financial year are set out below:

	Land	Buildings	Computer Plant & Equip	Furniture & Fittings	Scientific Equip.	Works of Art	Other	Total
	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000
<b>2003</b>								
Carrying amount at start of year	10,091	38,046	1,906	362	422	26	2,000	52,854
Additions	1,100	27,960	4,471	136	0	35	334	34,036
Transfer In/(Out)	0	0	(11)	15	(9)	5	0	0
Disposals								
Revaluation increment / (decrement)	739	(4,544)	0	0	0	0	0	(3,805)
Depreciation	0	(795)	(911)	(97)	(86)	0	(26)	(1,915)
Write-off of assets	0	0	(8)	(22)	(36)	(3)	0	(69)
Carrying amount at end of year	11,931	60,667	5,447	394	291	63	2,308	81,101

## 19. Other Liabilities

	2003 \$000	2002 \$000
Accrued expenses	77	0
Income received in advance	10	0
	<u>87</u>	<u>0</u>



# Accounts and Financial Statements

	2003 \$000	2002 \$000
<b>20. Equity</b>		
Contributed equity		
Opening balance	800	0
Capital contributions (l)	1,200	800
Closing balance	2,000	800

(l) Capital Contributions, have been designated as contributions by owners and are credited directly to equity in the Statement of Financial Position.

Asset revaluation reserve (l)		
Opening balance	18,325	18,558
Net revaluation increments/ (decrements):		
Land	1,722	(1,989)
Buildings	(5,527)	1,756
Net revaluation decrement	(3,805)	(233)
Closing balance	14,520	18,325

(l) The asset revaluation reserve is used to record increments and decrements on the revaluation of non-current assets, as described in accounting policy note 1(f).

Accumulated surplus/(deficiency)		
Opening balance	40,457	30,499
Change in net assets	29,686	9,958
Closing balance	70,143	40,457

## 21. Notes to the Statement of Cash Flows

### (a) Reconciliation of cash

Cash at the end of the financial year as shown in the Statement of Cash Flows is reconciled to the related items in the Statement of Financial Position as follows:

Cash assets	1,555	3,287
Restricted cash assets (refer to note 13)	1,336	1,166
	2,891	4,453

# Accounts and Financial Statements

## 21. Notes to the Statement of Cash Flows (continued)

(b) Reconciliation of net cost of services to net cash flows provided by/(used in) operating activities

	2003 \$000	2002 \$000
Net cost of services	(20,320)	(16,263)
Non-cash items:		
Depreciation and amortisation expense	1,915	1,142
Doubtful debts	120	16
Resources received free of charge	16,509	9,164
Loss on disposal of non-current assets	70	0
(Increase)/decrease in assets:		
Current receivables	180	132
Current inventories	(91)	(14)
Prepayments	(3)	(3)
Accrued salaries reserve	214	(104)
Accrued income	(32)	0
Increase/(decrease) in liabilities:		
Current accounts payable	75	(69)
Accrued expenses	77	0
Income received in advance	10	4
Change in GST in receivables/payables(i)	17	(40)
Net cash provided by/(used in) operating activities	(1,259)	(6,035)

(i) This reverses out the GST in accounts receivable and payable.

## 22. Commitments for expenditure

### Lease commitments

Commitments in relation to leases contracted for at the reporting date but not recognised as liabilities, are payable as follows:

Within 1 year	137	94
Later than 1 year and not later than 5 years	354	7
	491	101
Representing:		
Cancellable operating leases	491	101
	491	101

# Accounts and Financial Statements

## 23. Explanatory Statement

- (i) Significant variations between actual revenues and expenditures for the financial year and revenues and expenditures for the immediately preceding financial year

Details and reasons for significant variations between actual results with the corresponding items of the preceding year are detailed below. Significant variations are considered to be those greater than 10% and \$200,000.

	2003 Actual \$000	2002 Actual \$000	Variance Over/(under) \$000
Employee expenses	11,736	9,786	1,950
Supplies & services	4,348	3,641	707
Depreciation	1,915	1,142	773
Administration expenses	1,786	1,349	437
Capital user charge	5,960	3,309	2,651
User charges and fees	1,814	500	1,314
State grants & contributions	2,337	1,432	905
Donations & sponsorship	1,010	358	652

### Employee expenses

The increase is primarily due to the number of new staff members employed as a result of opening the new Maritime Museum in Fremantle in December 2002.

### Supplies & services

The main reason for this increase in supplies and services expenditure is the expenditure incurred in the setting up and the operation of the new Maritime Museum in Fremantle from 1 December 2002.

### Depreciation

This variance results the significant increase in asset additions to computer, plant & equipment and buildings during the early part of the financial year.

### Administration expenses

The main reason for this increase in administration expenses is the expenditure incurred in the setting up and the operation of the new Maritime Museum in Fremantle from 1 December 2002.

### Capital user charge

This increase is represented by the general increase in the Museum's asset base over the financial year including the full year effect of the new Geraldton Museum.

### User charges and fees

This increase is due to the collection of entrance and membership fees of \$1,130,000 at the Maritime Museum in Fremantle for the first time.

### State grants & contributions

The variance relates to a increase in funding received from the State Government for the development of exhibitions at the new Maritime Museum in 2002/03.

### Donations & sponsorship

This variance represents a significant increase in the level of sponsorship obtained for projects at the new Maritime Museum in Fremantle during 2002/03.

# Accounts and Financial Statements

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## 23. Explanatory Statement (continued)

(ii) Significant variations between estimates and actual results for the financial year

Details and reasons for significant variations between estimates and actual results are detailed below. Significant variations are considered to be those greater than 10% and \$ 200,000.

In the interests of concise reporting those variations between the actual and actual that have already been explained in the previous notes have not been repeated.

	2003 Actual \$000	2003 Estimates \$000	Variance Over/(under) \$000
Employee expenses	11,736	10,056	1,680
Administration expenses	1,786	1,400	386
Other expenses	430	30	400
User fees and charges	1,814	450	1,364
State grants and contributions	2,337	250	2,087
Donation & sponsorship	1,010	320	690

Other expenses

This variance relates primarily to the refund of prior year expenditure and an increase in the provision for doubtful debts in the 2002/03 financial year.

## 24. Events occurring after Reporting Date

The WA Museum has no subsequent events (other than those events whose financial effects have already been brought to account) to report.

# Accounts and Financial Statements

## 25. Financial Instruments

### (a) Interest Rate Risk Exposure

The following table details the WA Museum's exposure to interest rate risk as at the reporting date:

2003	Weighted Average Effective Interest Rate %	Variable Interest Rate Total \$000	Fixed Interest Rate Maturity			Non- Interest Bearing \$000	Total \$000
			Less than 1 Year \$000	1 to 5 Years \$000	More than 5 Years \$000		
	4.87						
<b>Financial Assets</b>							
Cash assets		1,555					1,555
Restricted cash assets		1,336					1,336
Receivables						264	264
Prepayments						18	18
Accrued income						44	44
		2,891				326	3,217
<b>Financial Liabilities</b>							
Payables						174	174
Accrued expenses						77	77
Income received in advance						10	10
						261	261
2002	4.74						
<b>Financial assets</b>							
Financial assets		4,453				769	5,222
<b>Financial liabilities</b>							
Financial liabilities						99	99

### (b) Credit Risk Exposure

The WA Museum has limited credit risk exposure. The carrying amount of financial assets recorded in the financial statements, other than debt receivables, represents the authorities maximum exposure to credit risk.

### (c) Net Fair Values

The carrying amount of financial assets and financial liabilities recorded in the financial statements are not materially different from their net fair values, determined in accordance with the accounting policies disclosed in note 1 to the financial statements.

# Accounts and Financial Statements

## 26. Remuneration of Members of the Accountable Authority and Senior Officers.

### Remuneration of Members of the Accountable Authority

The number of members of the Accountable Authority, whose total of fees, salaries, superannuation and other benefits received, or due and receivable, for the financial year, fall within the following bands are:

	2003	2002
\$		
0 – 10,000	7	7
	2003	2003
	\$000	\$000

The total remuneration of the members of the Accountable Authority is:

18	16
----	----

No members of the Accountable Authority are members of the Pension Scheme.

### Remuneration of Senior Officers

The number of Senior Officers, whose total of fees, salaries, superannuation and other benefits received, or due and receivable, for the financial year, fall within the following bands are:

	2003	2002
\$		
80,001 – 90,000	0	4
90,001 – 100,000	5	1
140,001 – 150,000	0	1
160,001 – 170,000	1	0
	2003	2002
	\$000	\$000

The total remuneration of senior officers is:

637	587
-----	-----

At reporting date, there are three senior officers who are members of the Pension Scheme.

## 27. Supplementary Information

### Write-Offs

There were no write-offs of public property during the 2002/03 financial year approved by the Board of Trustees.

0	16
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### Other Supplementary Information

The WA Museum holds shares in a private company received in exchange for the Museum's support of specific projects. These shares are not recorded in the financial statements, as the measurement of the market value of the shares is not reliable.

## 28. Output Information

The WA Museum operates under the one output called Museum Services. The information shown in the Statement of Financial Performance represents the output information.

## 29. Related & Affiliated Bodies

The WA Museum does not have any Related or Affiliated Bodies under the definitions as outlined in TI 951.

# Outcomes, Outputs and Performance Indicators

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AUDITOR GENERAL

## INDEPENDENT AUDIT OPINION

To the Parliament of Western Australia

### THE WESTERN AUSTRALIAN MUSEUM PERFORMANCE INDICATORS FOR THE YEAR ENDED JUNE 30, 2003

#### **Audit Opinion**

In my opinion, the key effectiveness and efficiency performance indicators of The Western Australian Museum are relevant and appropriate to help users assess the Museum's performance and fairly represent the indicated performance for the year ended June 30, 2003.

#### **Scope**

##### *The Board of Trustees's Role*

The Board of Trustees is responsible for developing and maintaining proper records and systems for preparing performance indicators.

The performance indicators consist of key indicators of effectiveness and efficiency.

##### *Summary of my Role*

As required by the Financial Administration and Audit Act 1985, I have independently audited the performance indicators to express an opinion on them. This was done by looking at a sample of the evidence.

An audit does not guarantee that every amount and disclosure in the performance indicators is error free, nor does it examine all evidence and every transaction. However, my audit procedures should identify errors or omissions significant enough to adversely affect the decisions of users of the performance indicators.

A handwritten signature in black ink, appearing to read 'D D R Pearson'.

D D R PEARSON  
AUDITOR GENERAL  
November 12, 2003

# Outcomes, Outputs and Performance Indicators

## CERTIFICATION OF PERFORMANCE INDICATORS FOR THE YEAR ENDED 30 JUNE 2003

We hereby certify that the performance indicators are based on proper records, are relevant and appropriate for assisting users to assess the performance of the Western Australian Museum and fairly represent the performance of the Western Australian Museum for the financial year ended 30 June 2003.



DR KEN MICHAEL – CHAIRMAN OF TRUSTEES  
Date: 28 August 2003



MR EDWARD TAIT – TRUSTEE  
Date: 28 August 2003



DR GARY MORGAN – PRINCIPAL ACCOUNTING OFFICER  
Date: 28 August 2003



# Outcomes, Outputs and Performance Information

## PERFORMANCE INDICATORS

### Outcome:

“A community that is informed of, and has access to, a diverse range of innovative ideas, knowledge and cultural experiences.”

Funds for the Western Australian Museum are included in the Budget Statements under the Outcome for the Department of Culture and the Arts. These funds are allocated to the Department's Output 3 which is reported against with the following indicators.

The Western Australian Museum contributes to this Outcome through the deliver and promotion of museum services through collection development and management, research, education and visitor services.

### KEY INDICATORS

The Museum's role is to implement the Department's Outcome, by providing information and enjoyment to the community at large through contact with the natural and cultural heritage of Western Australia.

These indicators represent the number of visitors to the exhibitions and displays presented by the Museum, and the number of new exhibitions and displays completed on natural and cultural heritage.

### RELEVANCE

Visitation by the public reflects attractiveness of the Museum's exhibitions and displays to the community in terms of enjoyment and educational value.

### EFFECTIVENESS INDICATORS

#### Visitor numbers (000s)

	2002–2003	2001–2002	2000–2001	1999–2000	1998–1999
	917(i)	752	752 (ii)	777	807

#### Exhibitions

	2002–2003	2001–2002	2000–2001	1999–2000	1998–1999
Permanent	46(iii)	44	55(iv)	42	42
Other	52	55	36	51	61

#### Visitor Satisfaction 2002/03 (v)

	2002/03	Total	Perth	Fremantle History	Maritime	Albany	Geraldton	Kalgoorlie
Overall ratings of Museum Aspects	Poor	1.0%	3.1%	0%	0.8%	0%	3.1%	0%
	Good	23.8%	26.0%	21.4%	20.7%	33.7%	21.1%	19.0%
	Very Good	54.9%	53.1%	63.4%	51.5%	58.1%	53.4%	57.8%
	Excellent	20.3%	17.8%	15.2%	27.0%	8.2%	22.4%	23.2%

#### Visitor Satisfaction 2001/02 (Sample period July – December 2001)

	2001/02	Total	Perth	Fremantle History	Maritime	Albany	Geraldton	Kalgoorlie
Overall ratings of Museum Aspects	Poor	0.4%	0%	0%	0.8%	0%	0.9%	0%
	Good	18.8%	27.3%	11.3%	25.1%	12.2%	21.1%	8.1%
	Very Good	56.0%	54.5%	81.4%	43.9%	76.5%	46.5%	52.7%
	Excellent	24.7%	18.2%	7.2%	30.2%	11.2%	31.6%	39.2%

# Outcomes, Outputs and Performance Information

- (i) The increase in visitor numbers is the result of opening the New Maritime Museum on Victoria Quay in December 2002.
- (ii) The apparent reduction in Visitor Attendances was the result of the introduction of a more statistically valid methodology for counting visitors.
- (iii) The change in permanent exhibitions is the result of opening 6 new galleries in the New Maritime Museum and the closure of galleries in the Francis Street Building at the Perth Site and other sites.
- (iv) In the Annual Report for 2000/01 the figure for Permanent Exhibitions was stated as 55. This was an error caused by counting the number of exhibition spaces rather than actual exhibitions. The correct figure was 44. Hence exhibitions have remained at a relatively constant level over the last five years.
- (v) The satisfaction rates are from a sample survey of the 917,000 visitors to the Western Australian Museum. The survey involved face to face interviews conducted on a random basis with 1390 visitors through the period July 2002 to June 2003. The survey methodology ensured that the Museum obtained a 95% confidence level. The standard error rate for 2001/02 was +/- 3.78% and for the 2002/2003 survey was +/- 2.63%.  
The refusal rate by visitors asked to undertake the survey in 2002/2003 was 6.5%.

## EFFICIENCY INDICATORS

Output 3 Museum Services is “the delivery and promotion of museum services through collection development and management, research, education and visitor services.”

The efficiency indicators reflect the total full accrual costs of the Museum. These amount to \$27,165,000 in 2002/2003, compared to \$20,384,000 in 2001/2002.

- a. Ratio of the number of exhibition visitors to cost of gallery staff involved. This indicator provides a guide as to the efficiency with which the Museum is providing services to visitors.

### *Cost per visitor*

2002–2003	2001–2002	2000–2001	1999–2000	1998–1999
\$18.33	\$15.31	\$8.75	\$7.70	\$7.49

- b. Ratio of permanent exhibitions to the cost of professional staff involved. Exhibitions are a core function of the Museum and this ratio provides an indication of the standard at which exhibitions are being maintained.

### *Cost of permanent exhibitions*

2002–2003	2001–2002	2000–2001	1999–2000	1998–1999
\$44,285	\$39,126	\$24,629	\$26,060	\$33,572

- c. Ratio of other exhibitions to the cost of professional staff involved. This ratio provides an indication of the standard at which temporary exhibitions are being mounted.

### *Cost of other exhibitions*

2002–2003	2001–2002	2000–2001	1999–2000	1998–1999
\$34,125	\$26,465	\$31,773	\$18,987	\$18,870

## Outcomes, Outputs and Performance Information

- d. Ratio of requests for specialised information to cost of staff involved. Providing answers to public inquiries is a major function of the Museum. This ratio indicates the cost of this function.

*Cost per inquiry*

2002–2003	2001–2002	2000–2001	1999–2000	1998–1999
\$27.59	\$30.44	\$22.47	\$22.94	\$21.59

- e. Ratio of collection items maintained in the Museum to cost of staff involved. The cost of maintaining the Museum's collections is central to its operations.

*Cost per item maintained*

2002–2003	2001–2002	2000–2001	1999–2000	1998–1999
\$1.67	\$1.49	\$1.29	\$1.39	\$1.03

### Notes

1. The increase in cost ratios for 2002/2003 is mainly due to costs incurred with the set-up and operations of the New Maritime Museum in Fremantle along with further significant increases in the Capital User Charge and salaries through the government's Framework agreement.
2. The increase in cost ratios 2001-2002 is mainly due to the introduction of the Capital User Charge, salaries increase through the government's Framework agreement and the payment of concurrent contributions for superannuation.

# Outcomes, Outputs and Performance Information

## OUTPUT-BASED MANAGEMENT MEASURES

### Output 3: Museum Services

Delivery and promotion of museum services through collection development and management, research, education and visitor services.

The output based management measures are provided for information only and are not audited.

	2002/03 <i>Actual</i>	2002/03 <i>Target</i>	<i>Comment</i>
<b>Quantity</b>			
Interactions (visitors, Internet hits, enquiries and exchanges)	1,603,000	1,220,000	Increase due to New Maritime Museum and internet
Items maintained, which support WA's collection management	2,493,243	2,530,000	
<b>Quality</b>			
Satisfaction rate - products	94.4%	95%	Good, very good and excellent rating
Adherence to collection policy for Acquisition	100%	100%	
Collection stored according to appropriate standards	5%	5%	Lack of appropriate facilities
Satisfaction rate - interactions	96.3%	97%	Good, very good and excellent rating
<b>Timeliness</b>			
Hours per week public has access to collections:			
- Perth Museum	52	52	
- Fremantle History Museum	40	40	
- Maritime Museum	52	52	
Length of time from decision on collection to time of use	33 days	33 days	
<b>Cost</b>			
Average cost per interaction	\$9.79	\$11.20	
Average cost per item in the collection	\$5.14	\$4.41	
<b>Key Effectiveness Indicator</b>			
Visitor Numbers	917,000	752,000	

## Appendices

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# Sponsors, Benefactors and Granting Agencies

*Our grateful thanks to the following, who gave in excess of \$1,000 each and to other Museum supporters too numerous to mention:*

Abbott, Mr Michael, QC	Goundry Wines	Playford, Dr Phillip
Abrinhos Odyssey	Guardian Print	Plotdale Pty Ltd
Ahearn, Ms Lorna	Hanrahan, Dr John	Polglaze, Mr Ron
Alcoa World Alumina Australia	Happenings Event Management	Poynton and Partners Group Pty Ltd
Aquilina, Ms Berni	Hardy, Sir James	Prospero Productions
Australian Acoustical Society	Harvey Norman	Rio Tinto WA Future Fund
Australian Biological Resources Study	Hasluck, Justice Nicholas	Rockingham Senior High School
Australian Posters	Hasluck, Ms Sally Anne	Robert Garvey Photographics
Australian Research Council	Henderson, Mr Graeme	Royal Australian Navy
Axolotl Metal Finishes	Hollice Rundle & Associates	Sadleirs Transport
Barnes, H.	Howarth, Mr and Mrs Anthony	Sailor and Anchor Pub Brewery
Bartels, Dr Michiel	Hyatt Regency Perth	Sealanes
Batavia Coast Dive	Imagesource Digital Solutions	Serpentine–Jarrahdale Land Care District Committee
Batavia Coast Maritime Heritage Association	Industrial Bank of Japan Limited	Shark Bay Salt Joint Venture
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Butler, Mr and Mrs Harry	Kolichis, Mr Nicholas (NK Contractors Pty Ltd)	Spices Catering
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City of Geraldton	Limestone Resources Australia	Tenix Defence Pty Ltd—Marine Division, WA and Naval Systems
Clema, Mr John	Lionel Samson & Son Pty Ltd	The West Australian
Coates Hire	MacLeod, Dr Ian	Thundelarra Exploration
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Dampier Salt Ltd	Mitsubishi Corporation	Toll Transport
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Fremantle Ports	Nichevich, Mr R.	Williams, Dr Martin
Gatecrasher Advertising	Nippon Steel Corporation	WIN Television Network
Geraldton Air Charter	NKK Corporation	Wintersun Hotel
Geraldton Fishermen's Co-operative	O'Connor, Mr F. D.	WMC–Sir Lindesay Clark Trust Fund
Geraldton Historical Society	Otway, Mr Jack	Windrush Yachts
Geraldton Newspapers	Packer, Mr Ronald	Woodside Energy Ltd
Geraldton Tyrepower	Palandri Wines Ltd	
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Golding, Mr Mark	Perth Parmelia Hilton	
	Phelps, Mrs Ruth	
	Plantagenet Wines	

## appendix B Volunteers

The Trustees and staff of the Western Australian Museum gratefully acknowledge the contribution made by volunteers to all facets of the Museum's activities. Without their dedicated assistance, many projects and services offered by the Museum would not be possible. Particular thanks are due to the following people, who regularly, and over extended periods of time, have provided many hours of valuable service.

Alexander, Mr Don  
Alexander, Ms Trish  
Anderson, Mr Dave  
Anderson, Mr Dick  
Anderson, Ms Angela  
Anderson, Ms Gwenda  
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Appleton, Mr James  
Arnold, Mr Geoffrey  
Arnold, Ms Amanda  
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Richter, Ms Sandra  
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Sevastos, Mr Stuart  
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Worsley, Mr Peter  
Worsley, Ms Jill  
Wyatt, Mr Lindsay  
Yates, Ms Joy

## appendix C Staff List

### DIRECTORATE

Executive Officer  
Gary Morgan BSc(Hons) PhD  
Adjunct Prof (UWA)

Personal Secretary  
Helen Imlay BA

Directorate Secretary  
Lillian Van Oijen (to 02.03)

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Cathrin Cassarchis BA (Cape Town), Dip Arts Management & Training (London)

Development Coordinator  
Karen Bassett, Dip Theatrical Arts & Design

Partnership Coordinator  
Jennifer Randell BA

### Friends of the Museum

Coordinator (P/T)  
Jennifer Nicholson BA(Exeter)  
MA(London)

### WESTERN AUSTRALIAN MUSEUM—SCIENCE AND CULTURE

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PhD

Secretary  
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Mancel E. Lofgren BA MA

Assistant Curator  
Anna M. Edmundson BA MPhil

Registrar  
Ross R. Chadwick BA  
GradDipMusStudies

#### History

Head of Department  
Ann Delroy, BA(Hons) MPhil  
(returned from unpaid leave  
10.02)

Sue Graham-Taylor, BA(Hons) PhD  
(Acting Head until 7.02;  
seconded to Sustainability Unit  
from 4.03)

#### Curators

Sue Graham-Taylor (seconded to  
Sustainability Unit from 4.03)

Kate O'Shaughnessy (on contract  
to 11.02)

Matt Trinca (seconded to  
MuseumLink; resigned 3.03)

Lisa Williams BA (from 8.02)

#### Registrar

Wendy Bradshaw BA(Hons)

Data Entry  
Marice Turner (casual employment  
from 2.03)

#### Aquatic Zoology

Head of Department  
Fred E. Wells BSc MSc PhD

Curators  
Jane Fromont BSc MSc PhD  
J. Barry Hutchins BSc(Hons) PhD  
Diana S. Jones BSc(Hons) DipEd  
MSc

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Emeritus Curator  
Loisette M. Marsh BA(Hons) MA

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Glenn Moore BSc(Hons) MSc  
(contract)

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Corey S. Whisson BSc(Hons)  
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Sheryn Prior (contract)

Mark Salotti AssDipAppSc

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Tammy McCallum BSc (contract)

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PhD

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MSc PhD (from 12.02) (grant)

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(from 10.02) (grant)

Tomislav Karanovic BSc MSc PhD  
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Technical Officers  
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Salvador Gomez (until 4.03)

### WESTERN AUSTRALIAN MARITIME MUSEUM

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GradDipEd GradDipPubAdmin

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Acting Secretary  
Mary Whittall (casual)

Assistant  
Moira Magee (casual)



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 FAAH, Adjunct Associate  
 Professor (Heritage  
 Studies, Curtin University)

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 Myra Stanbury BSc

Manager Operations  
 Michael McCarthy BEd MPhil PhD  
 DipPhysEd GradDipMarArch

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 Corioli Souter BA GradDipMarArch

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 Geoffrey E. Kimpton

Technical Officer  
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Secretary  
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Artefact Data Entry (DEH) (P/T)  
 Richenda Prall

**Maritime History**

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 Karen Jackson BA  
 GradDipAppHerStud

Shipwright  
 Bill Leonard

**Education**

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Education Officer  
 Mike Brevenholt BA GradDipEd  
 Penny McGlynn

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 George Trotter BA

Education Assistants  
 Elaine Berry  
 Sarah Byrne BSc

**Development**

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 GradDipMedia

**Submarine**

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Technical Adviser (Submarine &  
 Display)  
 Norman O'Neill  
 CertMatAdmin, CertStoAcctPro

Submarine Assistants  
 Paul Ballantyne  
 Michael Mills

**Venue and Functions Management**

Manager  
 Naomi Bourne (to 12.02)

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 Cathy Fisher

Venue Assistant  
 Evana Beaton  
 Heather Campbell

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 Dan Boyes BBus DipPubAdmin

Finance & Administration Officer  
 Julie Maloney CertIIIInfoTech

Building Services Manager  
 Marin Yukich

Receptionist Clerk  
 Anthea Arrow DipEd

Acting Bookshop Manager  
 Pauline McLay

Bookshop Assistant  
 Emma Cox

Receptionist A Shed  
 Barbara Hetherington

Visitor Service Supervisor  
 Sarah Stephenson BA  
 PostGradPubHist

Visitor Service Assistant Supervisor  
 Seung Lee BEng  
 PostGradMarPolicy, Class 3  
 Master Ocean Going

Visitor Service Officers  
 Amanda-Jayne Arnold DipNursing  
 Claire Allen BA(Hons)  
 Susan Briggs BA MA  
 Christine Canny BEd GradDipArts  
 Lindsay Claudius  
 TradesCertEngineRec  
 CertComCookery ASFII&III  
 CertTourGuiding

Bill Cuthbert BSc GradDipEd

Blythe Digweed BA  
 CertIIIMusStuds

Albert Featherstone

Jennifer Gibbs BA CertComStuds  
 CertIIMarStuds

Judith Goncalves

Lauren Gray BA DipAcc

Michael Gregg BA

Stefanie Gregg DipHotelMan

Judith Goncalves

Anthony Hardy

Gillian Harrison MA(Hons)  
 PostGradEd CertLSSN

Johanna Holman Master Class 5

Marie Jeffery CertMusStuds  
 DipVisArts

Nigel Jones

Sean Keogh BA

Gill MacLean

Marie McCulloch CertIIITourism  
 AdvCertHotelMan

Daniel McGlinchey DipPhysEd  
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Perin Mulcahy BA CertMusStuds

Geraldine Murdoch BA CertBus  
 Admin

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Miriam Tapsell AssocCertLabPrac  
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Kylie Thomas AdvCertArt/Design

Maureen Wakefield

Craig Wright (Aboriginal Orientation  
 Course)

Robert Yardley SteamEngCert  
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Cleaners (P/T)  
 Dave Howard  
 Fleur Pisano  
 Alfredo Aguirre  
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 Maureen Brennan  
 Freddy Marie  
 Magdalena Kobilanski  
 Ivanka Vukovak

**New Maritime Museum Development**

Project Director  
 Graeme Henderson Cit WA

Project Administrator (Directorate)  
 Naomi Bourne (to 11.02)

Project Manager (Directorate)  
 Kurt Tenderness AA (WAIT) (to 4.03)

## appendix C Staff List

Exhibition Coordinator  
Karen Jackson BA  
GradDipAppHerStud (to 12.02)

Exhibition Team Leaders  
Sally May BA GradDipAppHerStud  
(Fishing Gallery to 12.02)

Karen Jackson BA  
GradDipAppHerStud (Fremantle  
and Swan River Gallery to 12.02)

Mike Lefroy BEcon DipEd (Leisure  
Gallery to 12.02)

David Pike BBus ALAA (Defence  
Gallery to 12.02)

Denise Cook BA(Hons)  
GradDipWomen'sStudies (Indian  
Ocean Gallery to 12.02)

Jon Addison BA(Hons) MA (Swan  
River Gallery to 12.02)

Exhibition Coordinator Assistants  
Soula Vouyoucalos-Veyradier BA  
GradDipAppSc  
DipPhotCAPPhot (to 12.02)

Marnie Lazar BA(Hons) (to 12.02)

Anupa Shah BCom CertFineArt  
DipFineArt (to 12.02)

Katrina Lamb (to 12.02)

Kaylene Heard (casual to 12.02)

Display Assistants  
Damon Lee (to 12.02)

Greg Giltrow (to 12.02)

Richard Firth

Vince Austin

Shaun Chambers

Sarah Crook

Sander Dijkstal

Emma Kitson

Chris Maron

Matt Powell

S. Hall

S. Scotti

C. Wright

Leah Tarlo

Rod van der Merwe (E&D)

### WESTERN AUSTRALIAN MUSEUM-ALBANY

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Clerical Officer (P/T)  
Carolyn Cockayne

Attendant Supervisor  
Brett Rushton

Receptionist/Attendants (P/T)  
Robert Arthur  
Jill Stidwell (P/T)  
Debbie Smith (P/T)  
Sandra Mouchmore (P/T)

Receptionist/Attendants  
Geraldine Murdoch BA (to 0203)

Casual Receptionist/Attendants  
Penni Sutton from 0203  
Craig Keesing from 0303

### WESTERN AUSTRALIAN MUSEUM-GERALDTON

Regional Manager  
Rik Malhotra MSc Phd (to 8.02)  
Adam Wolfe BBus BSwk  
DipMaritimeArchaeology FAIA  
(from 9.02)

Administration Manager  
Di Towton

Technical Officer  
Paul Still

Education Officer  
Sean McGrath BA HDE

Attendant Supervisor  
Orla H. McGrath

Visitor Services Officers  
Rochelle Clifford  
Sharon Wake  
Berit Young  
Casual gallery markers/attendants  
Lyn Boon  
Terri Cooper  
Bobbie Desmond  
Veronica King  
Hollie Roberts  
Helen Sheridan

### WESTERN AUSTRALIAN MUSEUM-KALGOORLIE- BOULDER

Regional Manager  
Terence P. McClafferty BSc GDipEd  
PGDipScEd MSc PhD(Curtin)  
AIMM

Education Officer  
Jessica Kail BSc GDipEd (to 1.03)  
Ken Meehan BEng DipTechTchnng  
AssocDipEng (from 3.03)

Clerical Officer  
Carolyn Gray DipAS (to 12.02)

Visitor Service Officers  
Kylie Turner (Supervisor)  
Val Creedon  
Samantha Hibbert (from 10.02)  
Elaine MacKinnon (to 10.02)  
Carlene Martin (from 10.02)  
Geoff Wall  
Moya Sharp  
Glenda Steele  
Grounds Officer  
William F. Moore DipLG(Tas)  
DipLG(WA)

### VISITOR SERVICES

Director  
Lyn Williamson BSc DipEd

Administration Officer  
Adriana Marramiero

### Education and Learning

Head of Department  
Julie-Anne Smith MEd(Hons) BEd  
DipEd MACE

Community Education Coordinator  
Luke Donegan BA(Hons) DipEd

Education Officer  
Kate Akerman BSc DipEd

Graphic Designers  
Dianne Davies DipArt&Design  
Lynne Broomhall CertGraphDes  
DipGraphDes DipPrintMaking (P/T)

Education Booking Officer  
Peta Osborne BA (P/T)

Administrative Assistant  
Sarah Dutschke

Casuals  
Suzanne Hutchinson  
Amany Hanna  
Sheila Liversage  
Geoff Deacon BSc(Hons)  
Rosemary Byrne  
GradDip(Cultural&HeritageStud)  
BEd DipTeach  
Marcus Good BSc  
(Multidisciplinary Science)  
Alistair McKeich  
James Duff  
Anthea Paino  
Anne-Marie Shepherd

Exhibition and Design  
Head of Exhibition & Design  
Tim Eastwood BA(IndDes)

Administration Assistant  
Helen Hammer (from 12.02)

Senior Designer  
Paul D. Morgan BA(Design)

Exhibition Designer  
Fran Sweetman DipArt(IndDes) (to 11.02)

Graphic Designers  
Simon Leach  
Mark Welsh DipArtDesign (from 4.02)

Web/Intranet Manager  
Darren Mok  
AdvDipGraphiDesign(MultiMedia)  
DipFashion&Textiles  
CertIVAssessmentandWorkplace Training

Project Officer  
Sarah Bugg BSc(Hons)  
GradDipSciComm (from 4.03)

Senior Preparator  
Kirsten J Tullis BSc(Hons)

Travelling Exhibitions Coordinator  
Alan Rowe AdvCertGraphicDes

Senior Technical Officer  
Jacques R. Maissin BA(MechEng)  
CertMechFit CertToolmaker  
DipMachMech

Photographer  
Soula Vouyoucalos BA(Art History)  
GradDipAppSc DipPhotoStudies (from 1.03)

Technical Officers  
Rod van der Merwe  
Dip&AssocFineArts (P/T)  
Peter Lisiewich CertMechFit  
CertWelding DipOldArts (P/T)  
Stuart Leach

Contract  
Damon Lee BA(Fine Arts)  
Greg Giltrow BA(FineArts)  
Alan Muller Design.Associate

Edition Planner  
Jenny Moroney BA(Hons)

Artificer  
Gregory C. Anderson

**Marketing and Media**  
Head of Marketing and Media  
Wendy Hood  
Project Officer  
Sarah Bugg BSc(Hons)  
GradDipSciComm (to 4.03)

**Visitor Services Officers**

Supervisor  
Julie Davy

Assistant Supervisor  
Lynne East

Museum Officers  
Angela Svrznjak  
Colin Ferguson  
Ellen Kelly BA MA  
Eric Bowra  
Glynn Jarvis  
Ingrid Featherstone  
Jean Stanford  
Jeanne Smith (to 7.02)  
Jeffrey Kickett  
Nigel Jones (to 7.02)  
Ray Lines  
Ron Fuller  
Susan Murray  
Tony Pember  
Paul Digby  
Emaly Hackett  
Roslyn Kearney  
Chris Blakie  
Melissa Dean (to 8.02)  
Patricia Erni  
Wayne Gardiner (to 7.02)

Casuals  
Matthew Purvis  
Anne-Marie Shepherd

**MUSEUM SERVICES**

Director  
Ian D. MacLeod BSc(Hons) PhD  
FRACI FIIC FTSE PMAICCM

**Materials Conservation**

Head  
Ian M. Godfrey BSc(Hons) DipEd  
PhD

Principal Conservator  
Ian D. MacLeod BSc(Hons) PhD  
FRACI FIIC FTSE PMAICCM

Research Officer  
Vicki L. Richards BAppSci  
GradDipAppChem MPhil

Conservators  
Jonathan Carpenter  
S. Richard Garcia AssDipMechEng  
Nicola D. King Smith DipArt  
Maggie Myers Dip  
ConsInstArchLondon  
CertMusStud

Kalle Kasi  
Kent Jarman  
BAppSc(MaterialsCons)  
Conservators (P/T)  
L. Ulrike Broeze-Hoernemann  
DipDentalMech AssocPMAICCM  
Carmela Corvaia BA  
Conservators (contract F/T)  
Anne Shepherd BAppSc (from 7.01)  
Vanessa Roth BAppSc (from 9.01)  
Registrations Officer  
Lucy Burrow DipSecStud

**Museum Assistance Program**

Manager  
Gregory I. Wallace BSc(Hons)

Extension Officer (Collections Management)  
Rosalind G. Brown BA  
MAMusStudies  
Clare-Frances Craig MA, Grad Dip  
Public History (P/T from 04.03)

**Library**

Librarian  
Margaret A. Triffitt BA AALIA  
Library Information Officer (P/T)  
Wendy Crawford BA, Grad Dip Info  
& Lib Stud

**Publications**

Manager  
Ann R. Ousey AssocDipArts&Sci

Desktop Publishing Operators  
Gregory S. Jackson  
Vincent McInerney

Printing Machinist  
Malcolm Parker (to 03.03)  
Ivan Smith (contract 04.03)  
Carlos Doglio (contract from 04.03)

**CORPORATE AND COMMERCIAL DEVELOPMENT**

Director  
Nick Mayman BEc MBA

Administrative Assistant  
Brigitte Auguste-Marion

Financial Officer, Budgeting  
Neville Pascoe BBus CPA

Finance Officer\*  
Danny Gemelli\*  
Casie Gilsenan\*

## appendix C Staff List

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Purchasing Officer

Trevor Hinscliff

Human Resources Coordinator

Louisa Marinozzi

BA(Hons)Psychology DipEd  
(School of Psychology)\*

Records Management Officer

Marilyn Gimblett

Telephonist (P/T)

June Cooper

Renate Beaton

Property and Security Officer

Maurice Odgers

### **Documentary Unit**

Producer

Clay Bryce DipAppSc(Biology) RBI

### **Shop**

Manager

Kerry Chittleborough DipFashDes

Casuals

Christine Skeels

Amy Taylor

Karen Dowling

\* Officer employed by the  
Department of Culture and the Arts

# Staff Membership of External Professional Committees

P. Berry

- Member, Council of Heads of Australian Fauna Collections
- Member, Abrolhos Islands Management Advisory Committee
- Chair, Rottnest Island Environmental Advisory Committee
- Member, Marine Parks and Reserves Scientific Advisory Committee

A. Bevan

- Australian Member, Cosmic Mineralogy Working Group of the International Mineralogical Association
- Secretary, Meteoritical Trust of Australia
- Editorial Review Board, *The Australian Gemmologist*
- Councillor, Royal Society of Western Australia
- Member, sub-committee of the National Committee for Space Science under the auspices of the Australian Academy of Science advising on the returned sample from the ISAS Muses-C space mission

W. Bloom

- Western Australian delegate, Council of the Numismatic Association of Australia

R. Chadwick

- Member, Australian Registrars Committee

N. Cooper

- Member, DCLM Animal Ethics Committee

A. Delroy

- Secretary, Museums Australia National Council
- Member, Policy Standing Committee, Museums Australia National Council
- Member, 2004 Co-ordinating Committee, State's 175th Anniversary

C. Dortch

- Member, Cave Management Advisory Committee, Conservation and Land Management District Office, Busselton

J. Fromont

- Member, Rottnest Island Marine Management Plan Steering Committee
- External supervisor, Edith Cowan University, PhD committee for Lea McQuillan
- External supervisor, University of Western Australia, PhD committee for Kayley Usher

I. M. Godfrey

- Chair, Applied and Analytical Chemistry and Biological Sciences Course Consultative Committee, Edith Cowan University
- Treasurer, Western Australian Division, Australian Institute for the Conservation of Cultural Material (AICCM)

S. Graham-Taylor

- Vice President, History Council of Western Australia
- Associate Member, Professional Historians Association (WA)
- Member, Battye Library/State Records Office Customer Service Council
- Member, Advisory Council to the Environmental Protection Authority
- Member, WA Waste Management Board
- Member, 2004 Co-ordinating Committee, State's 175th Anniversary

J. Green

- Advisory Editor, International Journal of Nautical Archaeology
- Vice-President, Australasian Institute for Maritime Archaeology
- Joint Editor, Australasian Institute for Maritime Archaeology Bulletin

M. Harvey

- Member, Arachnology Nomenclature Committee (Centre International de Documentation Arachnologique) to advise International Commission on Zoological Nomenclature
- Member, National Committee for Animal and Veterinary Sciences, Australian Academy of Science
- Member, Threatened Species Scientific Committee, Western Australia
- Council member (founding), Society for Australian Systematic Biology
- Council member, Royal Society of Western Australia
- Member, Scientific Advisory Committee for Threatened Ecological Communities, Western Australia
- Member, Advisory Committee, Australian Biological Resources Study
- Vice-President, Society of Australian Systematic Biologists
- President, Society of Australian Systematic Biologists

G. Henderson

- Western Australian delegate to the Commonwealth Minister for Communications and the Arts under the *Historic Shipwrecks Act 1976*
- Executive Committee Member, International Congress of Maritime Museums
- Member, Board of Studies, Curtin University Centre for Cultural Heritage Studies
- Expert Examiner, *Protection of Moveable Cultural Heritage Act 1986*
- Patron, Australian Model Boat Club
- Member, Fremantle Chamber of Commerce

M. Hewitt

- Member, CSA Electorate Delegates Committee

## Staff Membership of External Professional Committees

### T. Houston

- Secretary, WA Insect Study Society Inc.
- Member, Organising Committee, 33rd AGM and Scientific Conference, Australian Entomological Society

### R. How

- Member, Curtin University of Technology, School of Environmental Biology Advisory Committee
- International Union for Conservation of Nature and Natural Resources (IUCN) Australian Marsupial and Monotreme Specialist Group
- IUCN Australian Reptile and Amphibian Specialist Group
- Member, Minister for the Environment's Threatened Species Scientific Committee
- Inter-Agency Working Group for Perth's *Bush Forever*
- Member, Edith Cowan University, School of Natural Sciences, Course Consultative Committee

### W. Humphreys

- Member, World Commission on Protected Areas of the IUCN—the World Conservation Union 2001–2004. Cave and Karst Protection Taskforce
- Member, Scientific Advisory Committee for Threatened Ecological Communities, Western Australia
- Member, North West Cape Karst Management Advisory Committee
- Council member, International Society for Subterranean Biology
- Editorial Board member, *Subterranean Biology*

### J. B. Hutchins

- Member and Scientific Adviser, Australian Anglers' Association Records Authority
- Australian Outdoor Writers' Association (National Committee)
- State Representative, Threatened Fishes Committee
- University of Western Australia, PhD supervisor for Danny Tang

### R. Johnstone

- IUCN Australian Reptile and Amphibian Specialist Group
- Western Long-billed Corella Recovery Team
- Carnaby's Cockatoo Recovery Team

### D. Jones

- Vice-chair and Executive Committee member, Terra Australis Committee
- State representative, Australian Marine Invertebrate Taxonomists

### T. P. McClafferty

- Treasurer, Evaluation and Visitor Research SIG, Museums Australia Inc.

### I. D. MacLeod

- Member, Editorial Board, *Reviews in Conservation and Corrosion and Materials*
- Member, Ministerial Rock Art Reference Committee
- Member, Tender Review Board, Department for Culture and the Arts
- Member, Educational Sub-committee, AICCM
- Member, Directory Board, ICOM—Committee for Conservation

### K. McNamara

- Member, National Cultural Heritage Committee
- Australasian Representative, Palaeontological Association
- Editorial Committee, *Geological Magazine*
- Editorial Committee, Australasian Association of Palaeontologists Special Publications

### G. Morgan

- Member, Council of Australian Museum Directors
- Member, WA Nature Based Tourism Advisory Committee

### M. Myers

- Committee member, AICCM, WA Division

### M. Smith

- WA Museum representative on Board, Berndt Museum of Anthropology, University of WA
- Member, Aboriginal Cultural Materials Committee
- Industry representative, Ancient History Syllabus committee
- Associate member, Australian Institute of Aboriginal and Torres Strait Islander Studies

### C. Souter

- State Councillor, Australasian Institute for Maritime Archaeology
- AIMA/NAS State Tutor and Course Coordinator
- AIMA/NAS National Committee
- Member of National Archaeology Teaching and Learning Committee

### M. Stanbury

- State Councillor, Australasian Institute for Maritime Archaeology
- Joint Editor, Australasian Institute for Maritime Archaeology *Bulletin*

### M. Triffitt

- Hon. Librarian, Royal Society of Western Australia

### F. Wells

- National Council member, Australian Marine Sciences Association
- WA branch committee member, Australian Marine Sciences Association -
- Member, organising committee, 2002 national Australian Marine Sciences Association Conference

## Staff Membership of External Professional Committees

---

- Member, committee for student prizes, Australian Marine Sciences Association national conference
- President, Uitas Malacologica, The World Scientific Society for Molluscs
- Vice-president, Malacological Society of Australasia
- Chair, organising committee, World Congress of Malacology, Perth 2004
- Chair, organising committee, Symposium on Molluscan Fisheries and Aquaculture, World Congress of Malacology, Perth 2004
- Editorial board, *Journal of Science, Technology and Humanities*, Burapha University, Thailand
- Member, Shark Bay Biodiversity Project Steering Committee, Fisheries WA
- Member Abrolhos Islands Management Advisory Committee
- Member, Steering Committee for the Department of Fisheries Indian Ocean Centre of Excellence

### L. Williams

- Treasurer, Sites and Houses Special Interest Group, Museums Australia
- Member, Fremantle History Society Committee

### A. Wolfe

- Member, Australian Institute for Maritime Archaeology
- Member, Midwest Chapter, Museums Australia
- Member, Geraldton Regional Arts Managers Committee
- Member, Geraldton City Council Yellow Submarine Restoration Committee
- Member, Australia on the Map 1606–2006 Committee
- Member, Batavia Coast Maritime Heritage Association
- Member, Batavia Replica Boat Association
- Member, Midwest Repository Committee

# Fellows, Honorary Associates, Research Associates

## FELLOWS

Mr John Bannister MA FLS FZS  
Sir Charles Court AK KCMG OBE  
Mr Koichiro Ejiri AC  
Hon. Mr Justice Kennedy BA LLB  
BCL  
Dr W. D. L. (David) Ride AM MA DPhil

## HONORARY ASSOCIATES

Mr Kim Akerman BSc  
Mr Graham Anderton Bed TeachCert  
DipPhysEd HTC  
Mr Francis Balcombe QPM  
Dr Basil E. Balme BSc PhD DSc  
Mr John Bannister MA FLS FZS  
Mr Hugh J. W. Barnes  
Mr Doug Bathgate BA  
Professor Walter Bloom BSc(Hons)  
PhD DSc  
Professor Geoffrey Bolton AO MA  
DPhil  
Mr Darren Brooks  
Dr Alanah Buck PhD  
Dr Andrew Burbidge BSc(Hons) PhD  
Mr C. R. (Robert) Burgess  
Mr W. H. (Harry) Butler CBE CitWA  
Ms Rinske Car Driesens AAICCM  
Mr Ken Colbung AM MBE JP  
Mr Peter Coppin BEM  
Dr Ian Crawford BA(Hons)  
DipPrehistoricArchaeol MA PhD  
Dr Tony Cunningham PhD  
Professor John de Laeter AO  
BSc(Hons) BEd(Hons) PhD DSc  
Mr John Dell  
Mr Thomas Dercksen  
Mr Rod Dickson  
Ms Frances Dodds  
Mr Stefan Eberhard  
Mr Hugh Edwards  
Mr Rob Foulds BA DipEd  
GradDipAppSc  
Dr Leonard Freedman BScPhD  
Mr George Gardner OAM  
Ms Dena Garratt BA  
GradDipMarArch GradDipILS  
Associate Professor Emilio  
Ghisalberti BSc(Hons) PhD  
Professor John Glover BSc(Hons)  
PhD  
Mr Philippe Godard  
Professor Richard Gould PhD  
Professor Sylvia Hallam MA FAHA

Ms Glad Hansen  
Ms Sally Anne Hasluck  
Mr James Henderson  
Ms Joy Hewitt  
Mr Lyndsay Hill  
Mr David Hutchison BEng(Hons) BA  
DipEd  
Dr Hugh I. Jones PhD  
Dr Peter Kendrick PhD  
Mr Kevin F. Kenneally  
Dr Dennis King MSc PhD  
Professor Kim Kirsner BSc BComm  
PhD  
Mr Nicholas Kolichis  
Ms Billie Lefroy  
Ms Jane Lefroy  
Mr G. A. Lodge  
Mr Alan Longbottom  
Dr G. J. H. (Joe) McCall DSc PhD  
Mr Norm McKenzie  
Mr R. P. (Peter) McMillan AM DFC  
BSc MSc  
Associate Professor Kenneth  
McPherson PhD  
Ms Mary Macha  
Professor A. R. (Bert) Main CBE FAA  
BSc(Hons) PhD  
Dr Barbara York Main BSc(Hons) PhD  
Ms Margaret Medcalf BA ALAA  
Mr Kevin Morgan BSc  
Mr Hugh Morrison  
Dr Neil North BSc(Hons) PhD  
Ms Mary Pandilow OAM  
Professor Colin Pearson AO MBE  
FIIC BSc MSc PhD  
Associate Professor John Penrose  
PhD  
Dr Phillip Playford AM BSc(Hons)  
PhD DSc  
Mr A. A. Poole  
Mr R. (Brian) Pope BA (Hons) MPhil  
Dr Geoff Richardson BSc(Hons) PhD  
Mr Frank Richmond  
Dr J. D. (Dale) Roberts PhD  
Mr Bruce Robinson BSc(Hons)  
Mr Robin Roe  
Mr Colin S. Sanders BSc(Hons) MSc  
Mr Jon Sanders AO OBE  
Ms Lamberta Schekkerman  
Mr Laurie Smith  
Mr Craig Somerville  
Mr Rodney Stockwell BDS MDS  
Mr Roy Teale

Mr Kerry Thom  
Mr Don N. Tulloch  
Ms Heather Tunmore  
Mr Brian Vine  
Dr Patricia Vinnicombe DipOT MA  
PhD  
Mr Louis Warren AM  
Professor Philip Withers BSc(Hons)  
PhD  
Ms Jill Worsley DipTeach BA  
GradDipMarArch

## EMERITUS CURATORS

Mr George Kendrick  
Ms Loisetta Marsh BA(Hons) MSc

## RESEARCH ASSOCIATES

The Museum welcomes overseas and other visitors to work on its collections for extended periods. Research Associates are afforded the same privileges as Honorary Associates.

Dr Gerald R. Allen BA PhD  
Dr Alex Baynes BA(Hons) PhD  
Dr Lindsay Byrne PhD  
Dr Graeme Christie BSc(Hons) PhD  
Dr Robert Craig BAppSc DipTheol  
DipEd PostGradDipGeol PhD  
Mr John Darnell BSc BEng  
Mr Bradley Durant  
Mr Malte Ebach BSc(Hons) MSc  
Dr Hans Jurgen Hahn MSc PhD  
Mr Lindsay Hatcher DipEd  
Dr Robert Hough BSc(Hons) PhD  
Dr Ivana Karanovic BSc MSc PhD  
Dr Tomislav Karanovic BSc MSc PhD  
Dr Darrell Kitchener PhD  
Dr Barbara York Main BSc(Hons) PhD  
Ms Carina Marshall BA  
Dr Peter Morrison PhD  
Professor Brian Morton PhD  
Professor Eric Pianka PhD  
Ms S. Schmidt  
Associate Professor Lincoln Schmitt  
BSc PhD  
Mr Eric Volschenk  
Mr Tom Vosmer BA MAT MFA  
GradDipMarArch  
Mr Nigel West BAppSc  
GradDipChem  
Mr Krzysztof Wienczugow BAppSc  
Ms Celeste Wilson BSc(Hons)  
Professor Yu Wen BSc PhD



RESEARCH PUBLICATIONS

- Ambrose, W. R. and Godfrey, I. M. (2001). Dry-air freeze-drying of artefacts and structures in Antarctica. In M. Jones and P. Sheppard (eds), *Australasian Connections and New Directions, Proceedings of the 7th Australasian Archaeometry Conference*, University Of Auckland, New Zealand, pp. 3–18.
- Battershill, C., Stocker, L. J., Fromont, J. and Bergquist, P. R. (2002). The sponge individual—an integrator of long-term biophysical environmental events. *Bolletino dei Musei Istituti Biologici, Universita Genova* 66–67: 24.
- Berry, P. F. and Christie, G. (2002). Fauna collections databases in the Western Australian Museum. *Journal of the Royal Society of Western Australia* 85: 143–145.
- Bevan, A., W. R. and De Laeter, J. (2002). *Meteorites: a journey through space and time*. University of New South Wales Press, Sydney. 216pp.
- Bland, P. A., Berry, F. J., Jull, A. J. T., Smith, T. B., Bevan, A. W. R., Cadogan, J. M., Sexton, A. S., Franchi, L. A. and Pillinger, C. T. (2002). 57Fe Mossbauer spectroscopy studies of meteorites: implications for weathering rates, meteorite flux, and early solar system processes. *Hyperfine Interactions* 142: 481–494.
- Bloom, W. (2003). A jetton found far from home. *Journal of the Numismatic Society of Australia* 13: 45–47.
- Boulton, A. J., Humphreys, W. F. and Eberhard, S. M. (2003). Imperilled subsurface waters in Australia: biodiversity, threatening processes and conservation. *Aquatic Ecosystem Health and Management* 6: 41–54.
- Chadwick, R. (2003). One for all and all for one? Collection databases at the Western Australian Museum. *Journal of the Australian Registrars Committee*, Vol. 44, March 2003.
- Cooper, N. K., Adams, M. Anthony, C. and Schmitt, L. H. (2003). Morphological and genetic variation in *Leggadina* (Thomas, 1910) with special reference to Western Australian populations. *Records of the Western Australian Museum* 21: 331–351.
- Cooper, N. K., Bertozzi, T., Baynes, Alexander and Teale, R. J. (2003). The relationship between eastern and western populations of the Heath Rat, *Pseudomys shortridgei* (Rodentia: Muridae). *Records of the Western Australian Museum* 21: 367–370.
- Cooper, S. J. B., Hinze, S., Leys, R., Watts, C. H. S. and Humphreys, W. F. (2002). Islands under the desert: molecular systematics and evolutionary origins of stygobitic water beetles (Coleoptera: Dytiscidae) from central Western Australia. *Invertebrate Systematics* 16: 589–598.
- Dell, J., How, R. A. and Burbidge, A. H. (2002). Vertebrate fauna of Tuart woodlands. In B. J. Keighery and V. M. Longman (eds), *Tuart (Eucalyptus gomphocephala) and Tuart Communities*. Perth Branch, Wildflower Society of Western Australia (Inc.), Nedlands, Western Australia, pp. 254–276.
- Dey, J., Aravena-Roman, M., Mee, B. J., Fromont, J. and Sutton, D. C. (2002). Diversity and antibiotic activity in bacteria from temperate Australian marine sponges. *Bolletino dei Musei Istituti Biologici, Universita Genova* 66–67: 55.
- Dortch, C. E. (2002). Evaluating the relative and absolute ages of submerged Aboriginal sites at Lake Jasper in Western Australia’s lower South-west. *Australian Archaeology* 55: 8–17.
- Dortch, C. E. (2002). Modelling past Aboriginal hunter-gatherer socio-economic and territorial organisation in Western Australia’s lower South-west. *Archaeology in Oceania* 37: 1–21.
- Dortch, C. E. (2002). Preliminary underwater survey for rock engravings and other sea floor sites in the Dampier Archipelago, Pilbara region, Western Australia. *Australian Archaeology* 54: 37–42.
- Downes, P. J. and Bevan, A. W. R. (2002). Chrysoberyl, beryl and zirconian spinel mineralization in granulite-facies Archaean rocks at Dowerin, Western Australia. *Mineralogical Magazine* 66(6): 985–1002.
- Downes, P. J., Shields, P. and Bevan, A. W. R. (2002). A suite of secondary minerals from the Nifty copper mine, Western Australia. *Australian Journal of Mineralogy* 8(2): 47–54.
- Ebach, M. E. and McNamara, K. J. (2002). A systematic revision of the family Harpetidae (Trilobita). *Records of the Western Australian Museum* 21: 235–267.
- Edmundson, A. (2002). Continuing Transformations: Manarapoh and the Lotud Kadazandusun of Sabah. *Sarawak Museum Journal* 57(78) (new series).
- Fromont, J., Vanderklift, M. and Kendrick, G. (2002). Marine sponges of the Dampier Archipelago: their distribution and abundance. *Bolletino dei Musei Istituti Biologici, Universita Genova* 66–67: 70.
- Ghisalberti, E., Godfrey, I. M., Kilminster, K., Richards, V. L. and Williams, E. (2001). The analysis of acid-affected *Batavia* timbers. In P. Hoffman, J. A. Spriggs, T. Grant, C. Cook and A. Recht (eds), *Proceedings of the 8th ICOM Group on Wet Organic Archaeological Materials Conference*, Stockholm, 2001, The International Council of Museums, Committee for Conservation Working Group on Wet Organic Archaeological Materials, pp. 281–307.
- Godfrey, I. M., Kasi, K. and Richards, V. L. (2001). Iron removal from waterlogged leather and rope recovered from shipwreck sites. In P. Hoffman, J. A. Spriggs, T. Grant, C. Cook and A. Recht (eds), *Proceedings of the 8th ICOM Group on Wet Organic Archaeological Materials Conference*, Stockholm, 2001, The International Council of Museums, Committee for Conservation Working Group on Wet Organic Archaeological Materials, pp. 439–470.

- Godfrey, I. M., Kasi, K., Schneider, S. and Williams, E. (2001). Iron removal from waterlogged ivory and bone. In P. Hoffman, J. A. Spriggs, T. Grant, C. Cook and A. Recht (eds), *Proceedings of the 8th ICOM Group on Wet Organic Archaeological Materials Conference*, Stockholm, 2001, The International Council of Museums, Committee for Conservation Working Group on Wet Organic Archaeological Materials, pp. 527–553.
- Green, J. N. (2002). The application of side scan sonar and magnetometer to the location of archaeological sites. *Bulletin Australian Institute for Maritime Archaeology* 26: 119–131.
- Green, J. N. (2002). Underwater archaeology and cultural resource management in Egad Islands: a suggested pathway to site management using cultural tourism. In: V. Vigni and S. Tusa, *Strumenti per la protezione del patrimonio culturale marino aspetti archeologici*. Giuffrè Editore, Milano, pp. 129–146.
- Green, J. N. (2002). Maritime Archaeology in Australia, the Indian Ocean, and Asia. In: Carol V. Ruppe and Janet F. Barstad (eds), *International Handbook of Underwater Archaeology*: 535–552. Kluwer Academic/Plenum Publishers, New York.
- Green, J. N., Matthews, S. and Turanli, T. (2002). Underwater archaeological surveying using PhotoModeler, VirtualMapper: different applications for different problems. *International Journal of Nautical Archaeology* 31(2): 283–292.
- Green, J. N. and Souter, C. (2002). Archaeological applications of the HPASS (high precision Acoustic Surveying System) to surveys of the HMAS *Pandora* wreck site and the Roman Bridge at Maastricht. *International Journal of Nautical Archaeology* 31(2): 273–282.
- Green, J. N., Matthews, S. and Turanli, T. (2002). Underwater archaeological surveying using PhotoModeler, Virtual Mapper, different applications for different problems. *International Journal of Nautical Archaeology* 31(2): 283–292.
- Harvey, M. S. (2002). Short-range endemism in the Australian fauna: some examples from non-marine environments. *Invertebrate Systematics* 16: 555–570.
- Harvey, M. S. (2002). The first Old World species of Phryniidae (Amblypygi): *Phrynus exsul* from Indonesia. *Journal of Arachnology* 30: 470–474.
- Harvey, M. S. (2002). The neglected cousins: what do we know about the smaller arachnid orders? *Journal of Arachnology* 30: 357–372.
- Harvey, M. S. (2003). *Catalogue of the smaller arachnid orders of the world: Amblypygi, Uropygi, Schizomida, Palpigradi, Ricinulei and Solifugae*. CSIRO Publishing, Melbourne.
- Harvey, M. S. (2003). *Zeriassa* Pocock, 1897 (September) (Arachnida, Solifugae): proposed precedence over *Canentis* Pavesi, 1897 (August). *Bulletin of Zoological Nomenclature* 60: 26–27.
- How, R. A. and Cooper, N. K. (2002). Terrestrial small mammal fauna of the Abydos Plain in the north-eastern Pilbara, Western Australia. *Journal of the Royal Society, Western Australia* 85: 71–82.
- Humphreys, W. F. (2002). Groundwater ecosystems in Australia: an emerging understanding. Keynote address. *Proceedings of the International Association of Hydrogeologists Conference, Darwin, Australia 12–17 May 2002*. CD-ROM.
- Humphreys, W. F. (2002). The subterranean fauna of Barrow Island, northwestern Australia, and its environment. *Mémoires de Biospéologie (International Journal of Subterranean Biology)* 28: 107–127.
- Isbister, G. K., Volschenk, E. S., Balit, C. R. and Harvey, M. S. (2003). Australian scorpion stings: a prospective study of definite stings. *Toxicon* 41: 877–883.
- Jones, D. S. and Morgan, G. M. (2002). *A Field Guide to Crustaceans of Australian Waters* (2nd edition). Western Australian Museum/Reed New Holland Publishers, Sydney. 224pp.
- Jones, D. S., Akerman, K., Sinclair, B. and Le Fur, S. (2002). *Baudin Education Kit*. Western Australian Museum. 24pp.
- Karanovic, I. (2003). A new Candoninae genus (Crustacea, Ostracoda, Candonidae) from the subterranean waters of southwestern Western Australia. *Records of the Western Australian Museum* 21: 315–332.
- Karanovic, I. and P. Marmonier (2002). Genus Candonopsis (Crustacea, Ostracoda, Candoninae) in Australia, with a key to world recent species. *Annales de Limnologie* 38(3): 199–240.
- Long, J. A. (2002). *The Dinosaur Dealers*. Allen & Unwin, Sydney. 220pp.
- Long, J. A., Archer, M., Flannery, T. F. and Hand, S. (2002). *Prehistoric Mammals of Australia and New Guinea—100 Million Years of Evolution*. University of New South Wales Press, Johns Hopkins University Press, Baltimore. 244pp.
- McCarthy, M. (2002). The archaeology of the jetty: an examination of jetty excavations and ‘port-related structure’ studies in Western Australia since 1984. *Bulletin of the Australasian Institute of Maritime Archaeology* 26: 1–6.
- McCarthy, M. (2002). Treasure from the scrap heap: after seventeen years an iron wreck and its people transformed—a debt nearly repaid. *Bulletin of the Australasian Institute of Maritime Archaeology* 26: 91–98.
- MacLeod, I. D. (2002). Chapter 41: In-situ corrosion measurements and managing shipwreck sites. In *International Handbook of Underwater Archaeology*, ed. C. V. Ruppe and J. F. Barstad, Plenum Press, New York, pp. 697–714.

- MacLeod, I. D. (2002). Effects of structure on the corrosion performance of gold and silver alloys on shipwrecks. Proceedings of the International Congress on the Conservation and Restoration for Archaeological Objects, Nara National Research Institute for Cultural Properties, Japan, pp. 178–185.
- MacLeod, I. D. (2002). Conservation of the iron shipwreck *City of Launceston* (1865) and modelling its decay. Preprints for ICOM–CC Triennial Meeting, Rio de Janeiro, Brazil, September 2002, Vol. II, 871–877.
- MacLeod, I. D. and Haydock, P. (2002). Microclimate modelling for prediction of environmental conditions within rock art shelters. Preprints for ICOM–CC Triennial Meeting, Rio de Janeiro, Brazil, September 2002, Vol. II, 571–577.
- McNamara, K. J. (2002). Changing times, changing places: heterochrony and heterotopy. *Paleobiology* 28: 551–558.
- McNamara, K. J. (2002). Paleobiology—bridging the gap. *Biology and Philosophy* 17: 729–738.
- Maryan, B. (2002). Status of the Woma, *Aspisites ramsayi*, in south-west Western Australia. *Western Australian Naturalist* 23: 167–172.
- Maryan, B., Browne-Cooper, R. and Bush, B. (2002). Herpetofauna Survey of the Maralla Road Bushland. *Western Australian Naturalist* 23: 197–205.
- Morton, B. S. and Jones, D. S. (2003). The dietary preferences of a suite of carrion-scavenging gastropods (Nassariidae, Buccinidae) in Princess Royal Harbour, Albany, Western Australia. *Journal of Molluscan Studies* 69: 151–156.
- Pearson, D., Shine, R. and How, R. (2002). Sex-specific niche partitioning and sexual size dimorphism in Australian pythons (*Morelia spilota imbricata*). *Biological Journal of the Linnean Society* 77: 113–125.
- Raven, R. J., Baehr, B. C. and Harvey, M. S. (2002). Spiders of Australia: interactive identification to subfamily. CSIRO Publishing and Australian Biological Resources Study, Melbourne.
- Reese, D., McNamara, K. J. and Sease, C. (2002). Fossil and marine invertebrates. In P. Bienkowski (ed.), *Excavations at Busayra in southern Jordan*. British Academy Monographs in Archaeology, pp. 441–469.
- Renne, P. R., Reimold, W. U., Koeberl, C., Hough, R. and Claeys, P. (2002). Comment on: K-Ar evidence from illitic clays of a Late Devonian age for the 120 km diameter Woodleigh impact structure, southern Carnarvon Basin, Western Australia. *Earth and Planetary Science Letters* 201(1): 247–252.
- Richards, V. L. and West, N. (2001). The use of pyrolysis gas chromatography mass spectrometry to study the extent of degradation of waterlogged wood. In P. Hoffman, J. A. Spriggs, T. Grant, C. Cook and A. Recht (eds), *Proceedings of the 8th ICOM Group on Wet Organic Archaeological Materials Conference*, Stockholm, 2001, The International Council of Museums, Committee for Conservation Working Group on Wet Organic Archaeological Materials, pp. 259–280.
- Sandstrom, M., Persson, I., Jalilehvand, F., Fors, Y., Damian, E., Gelius, U., Hall-Roth I., Richards, V. L. and Godfrey, I. M. (2003). The sulfur threat to marine archaeological artefacts: acid and iron removal from the *Vasa*. In J. H. Townsend, K. Eremin and A. Adriaens (eds), *Proceedings, Conservation Science*. London, Archetype Press, Chapter 13, pp. 79–87.
- Smith, L. A. (2003). *Ctenotus decaneus yampiensis* Storr, 1975 (currently *C. yampiensis*, Reptilia, Sauria): proposed designation of a neotype. *Bulletin of Zoological Nomenclature* 59(4).
- Souter, C. (2000). Practicum News. *Western Australian MuseumTracks* magazine, Western Australian Museum 1: 15.
- Souter, C. and MAAWA (2003). *Europa Wreck Inspection*. Report—Department of Maritime Archaeology, Western Australian Maritime Museum, No. 172.
- Stanbury, M. (2002). Bones, buttons and DNA. *Maritime Log*, Western Australian Maritime Museum magazine 1: 15.
- Tsuda, M., Endo, T., Mikami, Y., Fromont, J. and Kobayashi, J. (2002). Luffariolides H and J, New sesterterpenes from a marine sponge *Luffariella* species. *Journal of Natural Products* 65(10): 1507–1508.
- Tsuda, M., Endo, T., Perpelescu, M., Yoshida, S., Watanabe, K., Fromont, J., Mikami, Y. and Kobayashi J. (2003). Plakevulin A, a new oxylipin inhibiting DNA polymerases a and g from sponge *Plakortis* species. *Tetrahedron* 59: 1137–1141.
- Tsuda, M., Endo, T., Watanabe, K., Fromont, J. and Kobayashi, J. (2002). Nakirodin A, a bromotyrosine alkaloid from a Verongid sponge. *Journal of Natural Products* 65(11): 1670–1671.
- Usher, K. M., Sutton, D. C., Toze, S. and Fromont, J. (2002). The distribution of *Chondrilla* species (Demospongiae) in Australia. *Bolletino dei Musei Istituti Biologici, Universita Genova* 66–67: 200.
- Wells, F. E. (2002). Molluscs of the Raja Ampat Islands, Papua Province, Indonesia. In S. A. McKenna, G. R. Allen and S. Suryadi (eds). *A marine rapid assessment of the Raja Ampat Islands, Papua Province, Indonesia*. RAP Bulletin of Biological Assessment 22. Washington, DC, Conservation International, pp. 37–45, 113–131.
- Wells, F. E. (2002). Centres of species richness and endemism of shallow water marine molluscs in the tropical Indo-West Pacific. In M. Kasim Moosa, S. Soemodihardjo, A. Soegiarto, K. Romimohtarto, A. Nontji, A. Soekrano and Suharsono (eds). *Proceedings of the 9th International Coral Reef Symposium, Bali, Indonesia, 23–27 October 2000*. Ministry of Environment, Indonesian Institute of Sciences and International Society for Reef Studies, Jakarta, Indonesia, pp. 941–945.

- Wells, F. E. (2002). Molluscs of the Gulf of Tomini, Sulawesi, Indonesia. In G. R. Allen and S. A. McKenna (eds). *A marine rapid assessment of the Togeian and Banggai Islands, Sulawesi, Indonesia*. RAP Bulletin of Biological Assessment 20. Washington, DC, Conservation International, pp. 38–43, 81–97.
- Wells, F. E. (2002). Seasonality of beachwrack at Oakajee in the mid-west region of Western Australia. *Records of the Western Australian Museum* 21: 269–275.
- Wells, F. E. (2003). Ecological separation of the mudwhelks *Terebralia sulcata* (Born, 1778) and *T. semistriata* (Mörch, 1852) (Gastropoda: Potamididae) from northern Australia. *Nautilus* 117(2): 1–5.
- Wolfe, A. (2002). A cruel business: whaling and the Albany community 1946–1978. In A. Gaynor, A. Haebich and M. Trinca (eds), *Country: Visions of Land and People in Western Australia*. Western Australian Museum and Lotteries of WA.
- POPULAR PUBLICATIONS**
- Cooper, N. (2002). Is it a bird, is it a plane is it ... check it out on faunabase. *Journal of the Science Teachers' Association of WA* 38: 3.
- Cooper, N. (2002). Interviews from Australia. *English from Oz*, book and cassette.
- Delroy, A. (ed.). *Two Emperors: China's Ancient Origins*. Praxis Exhibitions Australia, Melbourne, 2002.
- Fromont, J. (2002). The sponges of WA. Marine and Coastal Community Network. *Sandgroper Newsletter* 9(1): 4.
- Graham-Taylor, S. (2002). Museums and Sustainability—Our Role. *Update*, American Association of Museums' Curators Committee, Summer 2002.
- Graham-Taylor, S. (2003). Spreading the Sustainability Message—MuseumLink and Sustainability WA, *WALIS News*, No. 19, 2002.
- Graham-Taylor, S. (2003). Myth and Reality: the Quality of Perth's Air. In A. Gaynor, M. Trinca and A. Haebich (eds). *Country: Visions of Land and People in Western Australia*, Western Australian Museum.
- Graham-Taylor, S. (2003). *Fifty Years of Powering Western Australia, A History of Wesfarmers Coal*. Western Australia.
- Houston T. F. (2003). Invasive Mole Crickets. *Newsletter of the Friends of Braeside Park*, Victoria, June 2003, p. 7.
- Houston, T. F. (2002). Sandgroper. *Bush Voices* 10(3): 10–11.
- Houston, T. F. (2003). Can you find a sandgroper? *Western Wildlife* 7(2): pp. 1, 3.
- Houston, T. F. (2003). Invasive Mole Crickets. *Under Control, Pest Plant and Animal Management News*, Department of Primary Industries, Victoria, March 2003, p. 17.
- How, R. (2002). Effects of fire and fire regimes on native fauna in isolated urban bushlands. In R. Zelinova (ed.). *Burning Issues: Proceedings of a workshop on fire management in urban bushlands*, 8 November 2002. Urban Bushland Council (WA), pp. 21–27.
- How, R. A. and Cooper, N. K. (2003). Expedition to forgotten worlds. In *Tracks*. Western Australian Museum Magazine. Summer 2003, p. 19.
- How, R. A. and Cooper, N. K. (2002). There's more than gold at Payne's Find. *Tracks*. Western Australian Museum Magazine. Winter 2002, pp. 6–7.
- How, R. A. and Dell, J. (2002). *Sounds of Silence*. *Ecoplan News*, Winter 2002, 42:5.
- Humphreys, W. F. (2002). Appendix: Subterranean crustaceans. In D. A. Jones and G. A. Morgan. *A field guide to crustaceans of Australian waters*. Second edition. Reed, Chatswood, NSW, pp. 207–211.
- Humphreys, W. F. (2002). What's all the fuss about this beastly stygofauna? *Newsletter of the Australian Chapter of the International Association of Hydrogeologists* 18 (1): 13–16 (plus cover image).
- Johnstone, R. E. (2002). Foreword. In *A voyage to Antarctica by Stuart Miller*. Nature and Technical Publications, Perth.
- Kenneally, K., Edinger, D., Coate, K., How, R. and Cowan, M. (2002). *Landscape of the Heart—a journey to the Carnarvon Range 2001*. LANDSCOPE Expedition Report No. 42, CALM, Perth, WA. 24pp.
- Kenneally, K., Edinger, D., Coate, K., Hyland, B., How, R., Schmitt, L., Cowan, M., Willing, T. and Done, C. (2003). *The Last Great Wilderness—Exploration of the Mitchell Plateau 2002*. LANDSCOPE Expedition Report No. 49, CALM, Perth, WA. 32pp.
- Long, J. A. (2002). John's Journal. Dinosaurs of the Morrison Formation. *Dinonews* 18: 15–16.
- Long J. A. (2003). Operation Leo. *Tracks*, Summer 2003: 23.
- Long, J. A. (2003). Walking with WA Giants. *Landscape*, CALM 18 (3): 23–27.
- McNamara, K. J. (2002). Caves down under. *Geoscientist* 12(7): 4–10.
- McNamara, K. J. (2002). *Pinnacles*. Third Edition. Western Australian Museum, Perth. 24pp.
- McNamara, K. J. and Brimmell, K. (2002). *Fossils of the Newmarracarra Limestone*. Western Australian Museum, Perth. 12pp.
- Maryan, B. (2002). Get out your Snake Rake—the fine art of raking may yield some amazing burrowing snakes in Western Australia. *Reptiles Magazine*, November 2002: 44–50.
- Morgan, G. J. (2002). Has the National Museum of Australia got it all wrong? A response to Keith Windschuttle. *Quadrant* April 2002, 23–29.
- Morgan, G. J. (2002). Postmodern museum or refluent critic? A response to Rod Moran. *Quadrant* April 2002. 32–34.
- Morgan, G. J. (2003). Medici's Treasures. *Tracks – the Western Australian Museum Magazine* Summer 2003:3

- Morrison, S. and Wells, F. E. (2003). Fishing for answers. *Tracks*, Summer 2003: 24–25.
- Preserving the Past—Maggie Myers. *Tracks*, Summer, 2003.
- Ships Wrecked. *New Scientist*, October 2002, pp. 38–41. (A small section related to the *Batavia* and James Matthews. IMG was interviewed by Chris Hamer for this).
- Smith, M. (2002). Objects from the Collections: Ushabti—workers for the dead. *WAMCAES News* 1: 23.
- Smith, M., with G. Callender, J. Gregson and H. Tunmore (eds) (2002). *WAMCAES News* 1. 23pp.
- Storr, G. M., Smith, L. A. and Johnstone, R. E. (2002). *Snakes of Western Australia*. Revised Edition. Western Australian Museum, Perth.
- Storrie, A., Morrison, S. and Morrison, P. (2003). Beneath Busselton Jetty. Department of Conservation and Land Management. 146pp.
- Wells, F. E. (2003). Record of achievement. *Tracks*, Summer 2003: 14–15.
- UNPUBLISHED REPORTS AND CONFERENCE PAPERS**
- Adams, M. and How, R. A. (2002). Genetic examination of the legless lizard (*Delma pax*) species complex. Report NTVBE/2002/SKM1 for Methanex Australia Pty Ltd. 10pp.
- Brown, R. G. and Wallace, G. I. (2003). Assessment of Oceana House Collection Cocos (Keeling) Islands. Part 1 Recommendations for future management. Report prepared for Department of Transport and Regional Services. 54pp.
- Brown, R. G. and Wallace, G. I. (2003). Assessment of Oceana House Collection Cocos (Keeling) Islands. Part 2 Catalogue and assessment of significance. Report prepared for Department of Transport and Regional Services. 93pp.
- Cooper, N. K. (2002). Heath Rat, *Pseudomys shortridgei*, Western Australian Populations. Report prepared for Ravensthorpe Nickel Operations.
- Craig, C. F. and Wallace, G. I. (2003). Proposal for Curatorial Support Cocos (Keeling) Island. Report prepared for Department of Transport and Regional Services. 12pp.
- Department of Terrestrial Vertebrates (2003). Assessment of Vertebrate Fauna of the Bindoon Military Training Area (BMTA), WA. Report NTVBE/2003/BMTA to the Australian Heritage Commission. 49pp.
- Department of Terrestrial Vertebrates (2003). Assessment of Vertebrate Fauna of the Muchea Air Weapons Range (MAWR), WA. Report NTVBE/2003/MAWR to the Australian Heritage Commission. 50pp.
- Dortch, C. E. (2002). Archaeological survey for Aboriginal sites within the Maggie Hays Project area, mining lease M63 / 163, Emily Ann—Maggie Hays leases, Lake Johnston, Western Australia. Report prepared on behalf of LionOre Australia (Nickel) Ltd (August 2002).
- Downes, P. J. and Griffin, B. J. (2003). Rare earth element minerals from the Aries kimberlite, central Kimberley region, Western Australia. Abstract volume, 26th Annual Conference of the Australian Mineralogical Societies. Adelaide, 7–8 June 2003.
- Edmundson, A. (2002). Becoming Goddess: Manarapoh and the Lotud of North Borneo with Judith J. Baptist (Sabah Museum), 2002. A research paper presented at the Seventh Biennial International Conference of the Borneo Research Council, 15–18 July 2002, Kota Kinabalu, Sabah, East Malaysia.
- Fromont, J. (2002). A quest for our natural heritage: examination of the historical collections of Western Australian marine animals held overseas to enhance our knowledge and understanding of Australian marine biodiversity. Report prepared for the Winston Churchill Memorial Trust of Australia. 17pp.
- Fromont, J. (2002). Sponges of the Port of Esperance: Introduced Marine Pests Survey. Report prepared for Geraldton Port Authority.
- Fromont, J., Craig, R., Rawlinson, L. and Alder, J. (2002). Identity and reproductive biology of excavating sponges destructive to pearl oysters in north Western and Northern Australia. In F. E. Wells (ed.). Tropical temperate transitions, Proceedings of the 2002 meeting of the Australian Marine Sciences Association (10–12 July, Fremantle). Australian Marine Sciences Association, Brisbane, p. 64.
- Graham-Taylor, S. (2003). Sustainability: The Common Ground for Museum Professionals. Museums Australia, Perth, 2003.
- Houston, T. F. (2002). An investigation into the biology of Western Australian sandgropers (Orthoptera: Cyllindrachetidae). Paper presented at the 33rd Scientific Conference of the Australian Entomological Society, 22–27 September 2002, Fremantle.
- How, R. A. (2002). Vertebrate fauna sampling at Goongarrie—March 2002. Report NTVBE/2002/BF1 to W. H. and M. Butler Fund. 11pp.
- How, R. A. and Cooper, N. K. (2002). Vertebrate survey of the Payne's Find sandplain, Yalgoo Bioregion. Report NTVBE/2002/BF2 to W. H. and M. Butler Fund. 14pp.
- How, R. A. (2003). Bold Park Fauna—trends and issues. In K. X. Ruthrof and D. Rokich (eds). Proceedings of the Bold Park Research Workshop, 20th March, 2002. Botanic Gardens and Parks Authority, Perth, pp. 37–38.
- Humphreys W. F. (2002). Anchialine systems in Australia. Paper presented at the XVth International Symposium on Biospeleology, Verona.
- Humphreys, W. F. (2002). Groundwater ecosystems in Australia and environmental flows. Paper presented at the Congress of the Australian Society for Limnology, Margaret River.

- Humphreys, W. F. (2002). Groundwater ecosystems in Australia: an emerging understanding. PowerPoint presentation in Proceedings of the International Groundwater Conference, Balancing the Groundwater Budget, International Association of Hydrogeologists, Darwin, 12–17 May 2002. CD-ROM.
- Humphreys, W. F. (2003). An eclectic review of subterranean biology in Australian waters. Extended abstract. Conference Programme, UnderWAY: 24th Biennial Conference of the Australian Speleological Federation incorporating the 3rd Australian Cave History Seminar and the 6th Australian Karst Studies Seminar. Bunbury, Western Australia, 2–8 January 2003, pp. 15–16.
- Humphreys, W. F. (2003). Anchialine systems in Australia—why are they so interesting? Extended abstract. Conference Programme, UnderWAY: 24th Biennial Conference of the Australian Speleological Federation incorporating the 3rd Australian Cave History Seminar and the 6th Australian Karst Studies Seminar. Bunbury, Western Australia, 2–8 January 2003, pp. 16–17.
- Hutchins, J. B. (2002). Fish of the Port of Esperance: Introduced Marine Pests Survey. Report prepared for Geraldton Port Authority.
- Jones, D. S. and Hewitt, M. (2002). Crustacea of the Port of Esperance: Introduced Marine Pests Survey. Report prepared for Esperance Port Authority. 11pp.
- Jones, D. S. and Hewitt, M. (2002). Crustacea of the Port of Esperance: Introduced Marine Pests Survey. Report prepared for Geraldton Port Authority. 11pp.
- Jones, D. S. (2002). Barnacles attached to ships—Identifications. Report to WBM Oceanics Pty Ltd. 4pp.
- Jones, D. S. (2002). Barnacles from illegal immigrant boat, Christmas Island, Indian Ocean. Report to Indian Ocean Territories Environmental Services. 1pp.
- Jones, D. S. (2002). Barnacles from submarines survey. Report to URS Australia Pty Ltd. 5pp.
- Jones, D. S. (2002). Cirripedia collected by the Ashmore Reef: Introduced Marine Pests Survey. Report prepared for the Northern Territory Museum and Art Gallery. 4 pp.
- Jones, D. S. (2002). Cirripedia of the Port of Esperance: Introduced Marine Pests Survey. Report prepared for Esperance Port Authority. 5pp.
- Leys R., Cooper S. J. B., Watts C. H. S. and Humphreys W. F. (2002). Multiple independent origins of subterranean diving beetles (Coleoptera, Dytiscidae, Hydroporini, Bidessini) in the arid-zone of Australia. Paper presented at the XVIth International Symposium on Biospeleology, Verona.
- Leys R., Cooper S. J. B., Watts C. H. S. and Humphreys W. F. (2002). Multiple independent origins of subterranean diving beetles (Coleoptera, Dytiscidae, Hydroporini, Bidessini) in the arid-zone of Australia. Paper presented at the Congress of the Australian Society for Limnology, Margaret River.
- Long, J. A. (2003). The greatest step in vertebrate history—a palaeontological review of the fish-tetrapod transition. Abstract. International Conference on Physiology and Comparative Anatomy, Mt Buller, 4–8 February 2003..
- McCarthy, M. (2002). *Zuytdorp* wreck and reserve management strategy 2000 onwards.
- McCarthy, M., Green, J., Jung, S. and Souter, C. (comp.) (2002). The Broome Flying Boats. Papers relating to the nomination of a suite of WWII flying boat wrecks in Broome to the Register of Heritage Places under the *Heritage of Western Australian Act 1990*. With assistance from G. Kimpton, G. Parker and staff of the Heritage Council of Western Australia. Report—Department of Maritime Archaeology, Western Australian Maritime Museum, No. 170.
- McClafferty, T. P. (2003). Evidence for success: ways to investigate the success of education programs and exhibitions. Workshop presented at the Scitech Discovery Centre's Conference: Learning Outside the Classroom—How we make a difference, Perth.
- McClafferty, T. P. and Rennie, L. J. (2003). Effective field trips: Ensuring students stay on task. Workshop presented at the National Convention of the National Science Teachers Association (USA), Philadelphia, PA.
- Marsh, L. M. (2002). Echinoderms of the Port of Esperance: Introduced Marine Pests Survey. Report prepared for Geraldton Port Authority.
- Morgan, G. J. (2003) Plenary session, Response to Christopher Till's paper: "Apartheid, Game, Gaming and Gold", Museums Australia, Perth, 2003
- Namiotko, T., Wouters, K., Danielopol, D. L. and Humphreys, W. F. (2002). The origin and evolution of a remarkable new anchialine troglobitic ostracod (Crustacea), from Christmas Island (Indian Ocean). Paper presented at the XVIth International Symposium on Biospeleology, Verona.
- Poore, G. C. B. and Humphreys, W. F. (2002). A second species of *Mangkurtu* (Spelaeogriffacea) from the arid Pilbara of Western Australia. Poster and abstract. European Crustacean Conference, Lodz, Poland, 2002.
- Poore, G. C. B. and Humphreys, W. F. (2002). A second species of *Mangkurtu* (Spelaeogriffacea) from the arid Pilbara of Western Australia. Paper presented at the XVIth International Symposium of Biospeleology, Verona.
- Report—Department of Maritime Archaeology. Western Australian Maritime Museum, No. 168.
- Richards, V. L. (2003). Corrosion survey of the former naval vessel HMAS *Hobart*, report prepared for the South Australian Tourism Commission, Sinclair Knight Merz, pp. 1–28.
- Schmidt, S. I. and Humphreys, W. F. (2002). Downhole video as a tool to understanding stygal ecosystems. Poster. Congress of the Australian Society for Limnology, Margaret River.

- Slack-Smith, S. M. and Wells, F. E. (2002). Molluscs of the Port of Esperance: Introduced Marine Pests Survey. Report prepared for Geraldton Port Authority.
- Stanbury, M. (2002). ANCODS 2002. Report on the Dutch shipwreck collections. Special Publication—Department of Maritime Archaeology, Western Australian Maritime Museum, No. 8.
- Stanbury, M. and Baker, P. (2002). HMS *Sirius* 2002 Expedition Report. Prepared for the Norfolk Island Government and Environment Australia. Report—Department of Maritime Archaeology, Western Australian Maritime Museum, No. 167.
- Stanbury, M. and Evans, A. (2002). HMS *Sirius* 2002 Expedition Report—Audit Supplement. Prepared for the Norfolk Island Government and Environment Australia. Report—Department of Maritime Archaeology, Western Australian Maritime Museum, No. 167.
- Wells, F. E. (ed.) (2002). Tropical temperate transitions, Proceedings of the 2002 meeting of the Australian Marine Sciences Association, 10–12 July, Fremantle. Australian Marine Sciences Association, Brisbane. 160pp.
- Wells, F. E. (2002). Malacological results of the Western Australian marine biological workshop series. American Malacological Society, Program and Abstracts of the 68th meeting, p. 117.
- Wells, F. E. (2002). Malacological results of the Western Australian marine biological workshop series. IInd International Congress of the European Malacological Societies, Abstracts, p. 230.
- Wells, F. E. (2002). Malacological results of the Western Australian marine biological workshop series. Seventh International Congress of Medical and Applied Malacology, Abstracts, p. 42.
- Wells, F. E. (2003). Use of the Department of Fisheries Rat Island facility by the national and international scientific community. Report to the Western Australian Department of Fisheries.
- Wells, F. E. (2003). Use of the new Department of Fisheries laboratory at Geraldton by the national and international scientific community. Report to the Western Australian Department of Fisheries.
- Wells, F. E. and Walker, D. I. (2002). Tropical-temperate relationships among the marine biota of Western Australia. In F. E. Wells (ed.). Tropical temperate transitions, Proceedings of the 2002 meeting of the Australian Marine Sciences Association, 10–12 July, Fremantle, p. 131.