



Year In Review

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# **Year In Review**



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# **President and CEO's Report**

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# President's Report

The 2010 – 11 Financial Year has been another challenging but rewarding one. As expected after the initial 12 month period of hype and excitement associated with Pandas, visitation at Adelaide Zoo has plateaud somewhat. However visitation continues at levels well above pre-Pandas - on average some 40% above – and we continue to benefit from the profile that they deliver. Pleasingly we have seen encouraging growth in visitor numbers at Monarto. Our attention is turning to Monarto and the tremendous opportunity that it presents; we continue to look at options for its development. And of course some 12 months after taking over the operations of Warrawong we are seeing the benefit of its integration with Zoos SA.

The financial position of Zoos SA reflects the strategic investment in upgrading facilities at both Adelaide and Monarto over the past three years, a substantial portion of which relates to the new entrance and Panda exhibit at Adelaide Zoo. We are focused on prudent financial management to ensure we can meet our financial commitments. Our financial position has received much media attention and clearly it has been a significant area of focus as we look to resolve this situation. We have worked closely with Government and our bank over the past six months. I am pleased to say that our relationship with both remains positive and we continue to make sound progress in identifying a path forward.

We have written and spoken a number of times about the economic impact study undertaken by one of the major independent accounting firms to quantify and understand the economic benefit that Zoos SA brings to the South Australian economy. This study confirmed that Zoos SA has achieved a leadership position in tourism and conservation in SA and contributed between \$75 million and \$116 million in 2010 to the broader economy through such areas as employment and tourism. Some important extracts from this study include:

- The contribution of Panda's to the state has been \$57 million in 2010.
- Our organisation makes a significant contribution to education and social capital of this State.

The contribution Zoos SA makes comes at a cost and ensuring we receive a fair proportion of these benefits and are able to reinvest in our core values and mission is a key goal of the Board and the broader organisation.



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• Zoos SA directly supports over 200 full time jobs and the equivalent of 2,000 full time jobs across South Australia.

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Over the past 12 months we also commenced the development of a new strategic plan for Zoos SA and a process of consultation with various stakeholders including staff, volunteers and members. At the core of this plan is our focus on conservation and how we continue to develop a leadership position through our existing platform. This plan will continue to evolve and will be a key driver of our focus and direction over the next three to five years.

I would like to take this opportunity to congratulate and thank the management, staff and volunteers for their dedication and commitment without which our organisation would not function. I would also like to thank my fellow Board members for their ongoing support.

**Kevin McGuinness** President, RZSSA



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# **CEO's Report**

The last year has been one of achievement, change and challenge as we continue our evolution into a more focused and effective conservation and education organisation wrapped around a wonderful zoo tradition, pride and identity. As always the whole team of staff, volunteers and wider supporters have been hugely committed and engaged. The President, Kevin McGuinness has thanked everyone in his report; I have mentioned a selection of the highlights across the whole organisation, its sites, teams and outreach work.

Starting with the highest profile project, the pandas. They not only continue to attract a significantly larger audience from further afield with beneficial economic consequences to the state at large, they are getting older and closer to starting a family. The teams of keepers and vets have ensured that Wang Wang and Funi are in great condition as they feast on bamboo provided by horticultural colleagues. Funi is now sporting a patch of clipped fur on her lower abdomen so she can get used to having an ultrasound probe pressed to her skin. She lies patiently as this is rehearsed so that when we believe she may be pregnant we can try to locate a tiny little panda foetus....or two. For this moment to arrive we will have to help the two youngsters navigate courtship when they are both mature. Recent events suggests for Wang Wang this will be late 2012. Our research collaboration with Chinese colleagues is proceeding well and it is a great privilege to be sharing these amazing ambassadors for conservation with visitors. Elsewhere at Adelaide Zoo we are continuing to maintain a beautiful site with its landscape and plants.

A wet year has meant that the new plantings around the front entrance have grown well and there has been overwhelmingly positive feedback about the legacy provided for future generations. The Living Collection Teams have been experimenting with ways to share how they enhance the lives of the animals in their care through behavioural enrichment and this has led to an expanding program of talks and demonstrations to visitors. Our mission to save species from extinction and connect people with nature is served by ensuring that as many visitors as possible leave having undergone an emotional transformation and there is no better way than being introduced to wonders of nature by a passionate, enthusiastic and knowledgeable person, like a keeper. Of course this is in some ways simply extending the excellent work already happening with volunteers, guides and members of the education teams providing a unique opportunity for people to connect with our animals and their conservation.

The same kind of experiences are available at Monarto and, as a site, it continues to offer a wonderful sense of visiting Africa whilst being set in an Australian Mallee reserve. The habitat restoration across the original Monarto site is providing a long term legacy for local native species of plant and animal and will allow for wonderful educational and inspirational connection with our natural heritage. In addition, we are part of the Aboriginal Learning on Country (ALOC) scheme with an expanding program in successive years. Monarto is unique! There has been something of a baby boom over the last 12 months with 'Digger' our white rhino born on ANZAC Day, hence his very appropriate name. A single, female lion cub has also been born and she will be a great visitor attraction once assimilated into the group.

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The chimpanzees are going from strength to strength in terms of both their group cohesion, with Tsotsi as alpha male now, and in captivating audiences of visitors. As soon as our team of expert primate keepers feels that we have sufficient stability in the group we will stop contraception in two or more females and the dream of having the natural behaviours of a family group will eventually be realized.

Jane Goodall, DBE, was in South Australia as part of a 50 year anniversary of the start of her research in the wild and, in addition to giving a sell-out talk at the Adelaide Showground, she visited the chimps and their keepers. Again she remarked on how if she were born a chimp in today's world she would rather be at Monarto than in the wild. She was hugely impressed.

The contribution of the native species team at Monarto (now working with colleagues at Warrawong) is growing apace. The breeding of warru, Tasmanian devils and support of other endangered species may be behind the scenes and insufficiently recognized but it lies at the heart of all we do and why we exist. We marked 'Threatened Native Species Day' on 7 September as it is the anniversary of the death of the last known thylacine. The presence of our ambassador, actress Teresa Palmer, and hundreds of primary school students wearing specially designed t-shirts listing all the extinctions and currently endangered native Australian animals made it a media event. It is remarkable that a country so proud of its distinctive landscapes and fauna and flora can be so inactive when it comes to protecting its heritage for future generations. Monarto can act as a way to activate people.

The 'Wild Africa' project plans, put simply, entail the provision of overnight, safari-style accommodation somewhere across the 1,500 hectares at Monarto. This will attract greater numbers of Australian tourists. The access to Mallee scrubland and close encounters with endangered Australian species will also attract overseas visitors to complement the extra 30% of Adelaide visitors coming into South Australia to see Giant Pandas. We see that Monarto is as much about 'Wild Australia' as 'Wild Africa'.

The first year of our management of the operations and business at Warrawong Wildlife Sanctuary has been one of learning the deeper history and philosophy of the site and sharing the beauty and seasonal transitions with visitors. The highlight for many people is a sighting of one of the only platypus in mainland South Australia. Because Warrawong is a sanctuary for native species within a feralproof fence, humans are the ones who are entering the animals' space, their habitat. We cannot guarantee that everyone will see everything but we can guarantee a unique glimpse of a vanished Australia. And with two new baby platypus the chances of a special experience is appreciably increased. There is work to be done at Warrawong to ensure the ecological management of a precious place and to reinvigorate it as a business without spoiling it. With Monarto it acts as a headquarters for our fieldwork and this suite of programs, entitled 'Conservation Ark' for the last two years, continues to grow.

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We are continuing with a range of projects and programs in South Australia, many of which started as species recovery exercises, such as with the yellow footed rock wallabies and mainland Tammar wallabies, but evolved into much wider habitat and community initiatives spread over many years.

Dr Elisa Sparrow has expanded the previous long term wombat work in the Riverland and we now offer this as an opportunity for anybody to accompany members of the research team on a 'Wombat Muster'. The thought of spending a night running across paddocks and wrangling wombats to the ground may not appeal to everyone, especially if followed by measurements and research recording into the early hours of the next morning and then, if lucky, some sleep on a swag in an old shearing shed. However, it is proving increasingly popular as a corporate team building activity or even reward! Our Conservation Ark experiences offer an authentic encounter close up to and often right in, nature.

Across our many areas of work we are science-based so we can make informed decisions and have points of view that can help influence policies and practices on a large scale. In order to achieve this we work closely with many colleagues in local and national universities and we also provide a strong site and resources for teaching and training. Giving students an opportunity to get involved in front line conservation activity is very popular and we find the enthusiasm and energy of young people an inspiration. This extends to the education and schools programs we operate across all three sites. Approximately 80,000 school students enjoy a structured educational experience every year and many of them have the uniquely available chance of spending a night amongst animals in the wild and at a zoo. We work closely with government colleagues to maximize our curriculum support and are proud of our contribution to the state in this field.

The final comment to make relates to partnerships. Obviously an organisation like Zoos SA with over 30,000 signed up members and hundreds of thousands of visitors every year, has a multitude of relationships and 'conversations' with people. Our aim is to connect people with nature and we believe we do help transform many attitudes whilst people have a fun time. We have a wonderful groundswell of warm support from the SA community and its many sectors. Business people like the fact that we can act as an enormous billboard for their brands, other charities see the synergy possible in supporting creativity and multicultural links and all groups that support children understand that we provide a very special place to allow play, imagination and love of nature. We aim to be around to continue this important work for many, many years to come.

### **Chris West**

CEO, RZSSA Professor of Zoology, University of Adelaide Professor of Biodoversity Conservation, Flinders University

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# Conservation Programs

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Conservation Ark (the Science and Research arm of Zoos SA) has had a busy year which has seemingly flown by in the blink of the eye. So what have we been up to....

### Grants

Conservation Ark has had a big year with grant funded projects with more than \$1 million coming in to support a range of projects across the country. This included funding for on-going projects and relationships such as annual funding for yellow-footed rock wallaby work at Aroona from Alinta Energy, a second instalment of support from Beach Energy, continued support from the Ian Potter Foundation for brush-tailed rock wallaby work in the Grampians, along with payments for the Federal Government Jobs Fund Kimberley Project.

Several new projects and relationships were also funded including: red-tailed black cockatoo conservation in the South East with the local National Resources Management (NRM) Board, restoration work at Monarto funded by Murraylands NRM and Caring for our Country, wombat distribution and abundance work funded by Department of Environment and Natural Resources (DENR) and Murraylands NRM, Tasmanian devil captive breeding with University of Tasmania and continuing work on developing the Centre for Wildlife Health from the Ian Potter Foundation.

All up another successful year for grant funding – one that has kept us busy delivering a variety of projects around the country.

### Kimberley

A \$1.5 million project supported by the Federal Government Jobs Fund in one of Australia's last wilderness areas – the Kimberley – has been our largest project of this year and has kept us all on our toes with new challenges every day. The project has seen a wide range of activities undertaken including biological surveys at 80 sites across 2 million acres in the north Kimberley, managing fire regimes and controlling introduced herbivores in the area, aerial photography and spatial analysis of survey sites, undertaking environmental education camps at both Kalumburu and Adelaide for indigenous students at Kalumburu Remote Community School, and collection of traditional ecological knowledge and facilitation of cultural activities within Kalumburu community.

As part of this project Robyn Bishop also joined us this year to help review and coordinate policies and procedures ... which was particularly helpful with this project as nearly every identified 'risk' in the Risk Assessment occurred – be it fires, flood, cyclones, funerals, staff losses, bogged vehicles and being chased up trees by bulls. Despite the challenges, the outcomes of the grant were met, although not always in ways originally envisaged, given the remote area and unseasonal weather, but often providing benefits much greater than anticipated.

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Over the last year Briony Horner has been driving ecosystem restoration work at Monarto with an initial focus on feral vertebrate and weed control, revegetation and establishment of propagation and training facilities. The feral control work has been removing weeds from the native vegetation, and also controlling numbers of rabbits and kangaroos – both of which have shown a vast increase in numbers in the last year with a good year for plant growth. The revegetation has focused on creating buffer and infill around existing remnant, as well as creating different habitat types to what remains by focusing on the sandy loam soil between the cheetah and wild dog exhibits to plant a different range of plant types. By creating a variety of suitable habitat, and removing feral vertebrate and weed species, the eventual aim is to reintroduce species that were once found in the Monarto area. The project is also providing increased opportunity for people to get involved in hands on conservation work with field days once a month and volunteer days three times a week.

### Southern hairy-nosed wombats

One of the key focuses for the southern hairy-nosed wombat work this year has been looking at better understanding where wombats are across SA and what challenges are being faced by people living with wombats on their properties. Elisa Sparrow and David Taggart have been visiting the Nullarbor, Eyre Peninsula, Gawler Ranges and Yorke Peninsula to visit landowners, run community workshops and conduct surveys.

### Brush-tailed rock-wallabies

The third release of five animals into Moora Moora Creek took place in October. This brings the total number of released animals to 21 but sadly there have been a number of deaths amongst the released population, so there are only seven known to be alive. Despite these set-backs there is new life coming through with some wild born young being found in pouch during trapping.

### Yellow-footed rock-wallabies

The annual trapping at Aroona Sanctuary, Leigh Creek saw three new animals caught, along with some animals not seen for up to three years, including one 10kg male. All sexually mature females carried pouch young. Feral control continues four times a year, with the latest trip showing the continuing need for protection with a high number of goats removed from the Sanctuary. Ian Arthur was awarded Leigh Creek's Australian Citizen of the Year Award for his voluntary work with the yellow-footed rock-wallaby project.



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The tammar wallabies are starting to spread further afield within Innes National Park with animals being sighted behind Rhino's Tavern about 5km from the release site. With the spreading population, new methods are needed to estimate how many tammars are in the park, so over the next year camera traps will be used to see how far they are spreading – there are thought to be about 80 animals near the release site. Trapping in February found one of the original females brought over from New Zealand is still alive in her new home at Innes.

### Warru

It has been a very exciting year for the warru recovery with the first group of warru returning to their homelands in the APY Lands. This first group of five were born at Monarto, and have returned to a hardening off enclosure, or warru pintji, in the APY Lands. Here they can learn what life is like in the wild while still protected from introduced predators and with reduced competition from other grazers. A further six animals, these being the original founders who came from the APY Lands to Monarto as joeys, are planned to join them later in the year.

### Red-tailed black cockatoos

A new project has seen us start work in the South East of South Australia with red-tailed black cockatoos. This project employs a local farmer from the Lucindale area to facilitate relationships and work with farmers on projects to support black cockatoo conservation as one of the flagship species in the area. The project has worked with 45 properties to develop habitat plans for their farms and on-ground work to help protect and restore approximately 500 hectares of stringybark and buloke, the black cockatoo main feeding trees. This project provides support for a network of farmers supporting black cockatoos from 75 properties around Lucindale who get together regularly, with several farmer events being held.

### Giant Pandas

We have been working closely with Prof Huang Yan, who came to Australia with Wang Wang and Funi, on the captive breeding and research components.

Several staff visits have been undertaken with veterinary and keeping staff visiting Bifengxia to learn about panda breeding in preparation for Wang Wang and Funi's first breeding attempts.



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Conservation Ark staff have also visited China to continue with international cooperations – and we were privileged to visit Wolong to see the recovery after the earthquake, where the new base will be built and where the wild training work, in preparation for reintroduction, is being conducted. In addition there was a celebration at Bifengxia Panda Base to commemorate the end of quarantine for the two recent arrivals from San Diego (Su Lin and Zhen Zhen) and the debut of the 16 pandas born at the base in 2010. This was attended by guests from seven countries – China, USA, Austria, Thailand, Japan, Singapore and Australia. This celebration and visit highlighted some of the reasons we are all working on this project – to have a healthy, breeding population of pandas which helps the long-term survival of the species in the wild.

### Policy

There has been a major development with the on-going campaign we have been involved with in regards to Palm Oil. The Truth in Labelling Palm Oil Bill has passed the Senate unopposed and was expanded from food, to include all grocery products, including cosmetics, detergents and even biofuels. Hopefully next year we'll be able to report that the bill has passed the House of Representatives, becoming law and making it mandatory to label Palm Oil in all products in Australia. This year we were also joined by Vicki-Jo Russell who is working as Conservation Policy Coordinator. Vicki-Jo is working on a range of projects both internally and externally, including stakeholder reviews, developing a set of position statements, assisting with the strategic plan and conservation directions and also playing an active role in contributing to several state and federal policies. These policies include the SA Strategic Plan, NRM Legislation review, Protected Areas on Private Lands Policy, Parks Visitor Strategy (DENR), Adaptation Framework for SA and Sustainable Population Australia Strategy.



### Other projects

Conservation Ark staff have also been involved in obtaining a number of grants to support their activities and also supervising a number of student projects. More details of these activities are outlined in their specific sections.

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# Veterinary Conservation Programs

The past year in the Animal Health Department has been one of change and consolidation with high profile staff changes, extended fieldwork programs and departmental strategic plan development all on top of our busy work providing clinical services to Zoos SA collection animals, which has expanded with the addition of Warrawong Wildlife Sanctuary to the fold.

In addition to providing veterinary services to Zoos SA collection animals, we also service Cleland Wildlife Park and the Nature Education Centre, Australian Marine Wildlife Rescue and Research Organisation (formerly Seabird Rescue), SA Bat Rescue, UniSA and Gorge Wildlife Park. Support is also given to the SA Department of Environment and Natural Resources (DENR) and PIRSA; and we serve the community by continuing to provide care to wildlife cases brought into the Zoos by members of public.

We could not do our work without the help of so many friends, colleagues, volunteers and supporters. Special thanks as always go to the volunteer work of Brian Rich, Peter McCarthy, Wayne Rohrig and Brian Matthews, who have continued to provide diagnostic support and nutritional advice to the Animal Health team. Also thanks are extended to all the external specialists and service providers: Dr David Clarke (veterinary dentist), Dr Warren Foreman (veterinarian from the Adelaide Animal Hospital), Dr Pam Carroll and Joan Davy (diagnostic imagers), Dr Andrew Loose (equine veterinarian), Dr Ian Beveridge from Melbourne University Veterinary School, Dr Penny Tisdall and Dr Tony Reed from the Adelaide Veterinary Specialist and Referral Centre, physicians Drs Randall Faul, Andrew Lee, Jonathan Martin and John Nyirios, and pathologists Drs John Finnie, Ruth Reuter, and Phil Clark.

### Staff

There have been changes in the Animal Health Department over the last year with Wayne Boardman (head veterinarian) moving to academia at Adelaide University School of Veterinary Science, and Rachel Wells beginning full-time study. They have been replaced by Ian Smith (promoted into the role of senior veterinarian) with himself being replaced by Mitch Bush, and the casual nurse role filled by Marty Boland. With extended field-work opportunities arising we have been able to offer opportunities for short-term locum veterinarians: Jerome Kalvas, Jenny McLelland and Alicia Wallace.

Dianne Hakof continues in her role as manager of the department and visited China to gain experience in handraising and neonatal care of Giant Panda. She was also part of the first aid team who admirably saved the life of a pregnant zoo visitor and her unborn child.

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Lynley Johnson continues to work on her external masters course in conservation medicine based at Murdoch University in WA and has recently completed her Memberships by examination in Zoo Animal Medicine through the Australian College of Veterinary Scientists (ACVSc). Lynley also visited China to gain experience in neonatal and health care of Giant Pandas.

David McLelland is currently studying to sit his American Board exams and attended a preparatory course in California; he also attended the Wildlife Disease Association conference in Tasmania where he gave presentations on our conservation work. David is the current Secretary-Treasurer of the Australian College of Veterinary Scientists (ACVSc) Chapter of Zoo and Wildlife Medicine, and mentors resident zoo veterinarians internationally.

David Schultz continues to work one day per week as a project veterinarian with a special interest in the Brush-Tailed Rock Wallaby Recovery Program.

Sue Bigwood has moved internally to the Conservation Ark team where she champions veterinary input into field and research projects, and she continues her work on funding and facilities development as well as planning and organising regular SA wildlife health network meetings to update stakeholders in wildlife disease issues.

Mitchel Bush has a wealth of experience overseas and has come on board primarily as a clinical veterinarian but also in a consultant role as we continue to develop the department. He still has commitments overseas, particularly in Thailand where he conducts training courses for zoo and wildlife veterinarians.

Paula Modra has had a busy year as she has completed a zoo animal nutrition course, her quarantine accreditation and a wound care and management course. She continues in the role a senior veterinary nurse.

Lynette Drabsch continues her valuable work in the clinical pathology area and avian nursing.

Mishelle Pederson based at Monarto Zoo also attended the wound care and management course.

Donna Hearn gained her quarantine accreditation and is based across both zoos.

Rebecca Probert continues her nursing work but has also been seconded into Conservation Ark for administration duties in association with Sue Bigwood.

### Field work, Conservation and Science

One of the major projects for the year was the integration of a veterinary program into the Jobs Fund Grant for conservation work in the Kimberleys. In a program primarily devised by David McLelland, both David and Ian Smith were able to undertake a targeted health survey of wildlife. Results are still pending as samples have been distributed to research partners around Australia.

The department also provided veterinary care to the Warru project in the Anangu Pitjantjatjara Yankunytjatjara (APY) Lands when the first animals were returned to the lands and subsequent animals were being prepared for release. We also contributed to animal censuses undertaken at Warrawong Wildlife Sanctuary and the field monitoring of release sites of the Brush-tailed Rock Wallabies in the Grampians.

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Jasmin Packer, PhD project concluded: monitor the health of the Southern brown bandicoot in the Adelaide Hills in order to ascertain the most suitable habitat for this species, in association with Wayne Boardman.

Other research projects that commenced were Casey Harris (honours project) on Toxoplasmosis and Nicki Anderson (PhD candidate) on vaccine response in African painted dogs at Monarto Zoo, both in association with Ian Smith.

Planning for the Biotechnology for Biodiversity Cooperative Research Centre bid continues to be undertaken by Sue Bigwood and veterinary colleagues.

### Public Communication, Teaching and Training

Again veterinarians gave talks at a variety of meetings, conferences and lectures to students primarily from Adelaide University. Training and teaching veterinary students has always been high on our agenda and again we have had the privilege of clinical students visiting from the following universities - Adelaide, Melbourne, Sydney, Queensland, Townsville, Murdoch and overseas.

As our local veterinary school enters clinical years we expect more local students and hope to provide them with an indepth wildlife veterinary component to the curriculum in the near future, particularly with Wayne Boardman joining the vet school staff.

We continue to supervise and/or provide samples to research students who are involved in wildlife projects.

Tasha Speight continues to research oxalate nephrosis, disease of koalas in the Adelaide Hills, for her PhD and John Antiabong from Flinders University is undertaking a PhD on the epidemiology of lumpy jaw, a major issue for our conservation projects.



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### Facilities, Equipment and Clinical Activities

We have had some really interesting clinical cases over the last year across all sites but the outcomes were not always as we had hoped.

At Adelaide Zoo Cassie, the cassowary, has been having fainting spells over the last year and as part of the investigation an ECG monitor was surgically implanted which enabled the diagnosis of an irregular heart rate. Discussions are ongoing with the studbook keeper as to the best remedy which may include further surgery to implant a pacemaker.

The Giant Pandas, Wang Wang and Funi, keep us busy as we amass reproductive samples and measurements to gain baseline data of their cycles (and how these may have changed with a southern hemisphere locale). All this information will help breeding season decision making and forms a large part of Lynley Johnson's masters research project.

Two other interesting cases have highlighted the issues of foreign objects making their way into animal exhibits. The first one is Tasco our male sealion who was found to have coins in his stomach being ground away by the rocks which are normally there. This potentially releases toxic amounts of metal into his system and may contribute to a general malaise seen. The second case was foil food wrappers found incidentally by x-ray in one of our male ring-tailed lemurs, fortunately it appears to have passed without clinical symptoms. At Monarto Zoo the chimpanzees have been ever active with the males coming to terms with the females' arrival and the dominance shifts that ensue. Unfortunately Galatea, one of the females, suffered a broken arm which required surgical intervention but chimps are notorious for not taking their medicine and the arm repair was in real danger of breaking down. Further surgery and an altered treatment regime have seen massive improvement but the case is ongoing.

Two cases at Warrawong Wildlife Sanctuary come readily to mind: George a Galah who greets visitors at the entrance underwent surgery to remove a tumour and has recovered well, and Doug a carpet python with scoliosis that responded to a course of acupuncture and ongoing muscle relaxation medication.



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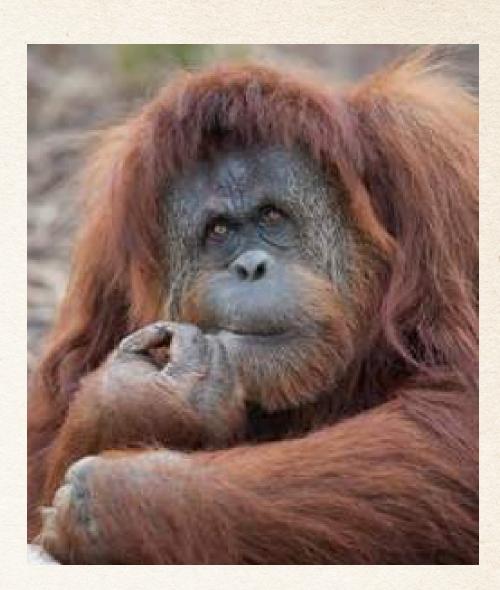
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On a sadder note Karta, our female orang-utan gave birth but the baby died within its first week. Karta has a history of unsuccessful births and to allow for grieving the infant bodies have never been retrieved early enough for useful post-mortem examinations. This time a quicker necropsy allowed for a diagnosis to be reached of umbilical infection; a more rapid approach during the neonatal period of her next pregnancy promises an increased chance of success.

Veterinarians also assisted with the transportation of several animals including southern white rhinoceros to Singapore and female chimpanzees arriving from Netherlands, transiting Adelaide Zoo for their quarantine, before moving onto their eventual home at Monarto Zoo.

All in all, a busy year but full of interesting cases and exciting new developments which will continue as we expand our in-house diagnostic capabilities and explore applied research opportunities.



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## Adelaide Zoo, Monarto Zoo And Warrawong Wildlife Sanctuary

Adelaide and Monarto have both had major solar energy projects producing clean, renewable energy. The Giant Panda exhibit at Adelaide has 34 fixed panels, installed by AGL, on the roof of the building which contribute to the electricity used to chill the artificial rocks, the walk in bamboo refrigerator, lighting, panda camera surveillance and researcher's computers.



Monarto has three tracking solar panels, installed by ZEN Commercial Energy, next to the black rhino exhibit which automatically adjust their position to accommodate for seasonality and movement of the sun across its axis. With a total of 60 panels producing 300kWh per day this effectively makes Monarto entirely power neutral.

The phased upgrade of the electrical infrastructure has been completed at Adelaide bringing the remainder of the zoo up to the same standard as the new entrance and panda exhibit. Major repairs have been completed on the white-cheeked Gibbon Asian Aviary Boardwalk and viewing areas at Adelaide Zoo.

Monarto's Visitor Centre has had a lift with new carpet, and an upgrade to the lighting giving a brighter feel to visitors' first point of call at the zoo.

Just over 1km of new road has been laid at Monarto allowing our buses to travel from the bison to the zebra and black rhino joining the two exhibits.

Warrawong Wildlife Sanctuary has had path surfaces replaced in the overnight cabins area and repairs carried out to pathways across the rest of the Sanctuary.

Warrawong also had work carried out to upgrade its bore water and septic tank systems.

The Assets and Infrastructure Department, as well as carrying out projects, has worked hard across all three sites maintaining and improving the assets we have in place and are planning forward for the year ahead.



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With major infrastructure and monitoring changes at Adelaide Zoo in 2009-10, the 2010-11 year has been a time for consolidation and improving our understanding of resource use and environmental impacts. Analysis of detailed records for mains water, waste to landfill and recycling, bore water and power have helped the zoo to fine tune daily practices to improve its effective use of natural resources.

Issues identified by Green Teams have been moved into the work plans of the Environment Officer, although more major upgrades have been constrained by the tight finances experienced at the zoo.

The introduction of commercial rates for Trade Wastes (sewage) discharges in January 2011 has prompted closer attention to the volume and salinity of our liquid waste stream, and monitoring of this has commenced. Future investigations and anticipated changes in the rating regime will be considered further to look for potential savings.

Mains water sub-distribution systems have been metered and data logged since October 2009 and have shown a reduction of 23% (15,000 kl) for the 2010 – 11 financial year; there have also been significant savings in water used for irrigation. While some of the savings were due to the mild and wet summer, improvements to irrigation scheduling have been made that should contribute to longer term water savings. Of course ongoing vigilance by all staff to reduce water waste has the greatest influence on our water bills. The four groundwater bores (also logged since October 2009) have had annual use reductions of 163,000 kilolitres (72%).

Zoos SA has been working with the Adelaide NRM Board to document storm water management infrastructure at the Adelaide site. The NRM Board has also indicated that it hopes to be able to establish a partnership with Zoos SA into the future and will consider contributing either funding and/or expertise that will enable the Adelaide Zoo site to maximize opportunities for system upgrades, water efficiency improvement, on-site runoff capture/reuse and other storm water management activities.

The revised waste management system which aims to reduce the quantity of waste sent to landfill, and reduce costs, has been successful; the reporting function has enabled Zoos SA to track its environmental footprint and make improvements where possible. Financial year 2010-11 has seen a recovery rate of 74%. The goal for 2011-12 is to lift the current recovery rate to over 80%. Continued awareness of the importance of sorting waste will be required from staff and the public to achieve this goal.

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# Wild Africa

### **Project overview**

The 'Wild Africa' project is planned to be the ultimate in African safari experiences outside of Africa itself. Visitors will be able to stay in authentic safari accommodation and enjoy day and night game drives amongst a host of African animal species. Breakfast braais (BBQ's) and sundowner drinks (both whilst on the game drives) and fine dining at the safari lodge will help complete the overall experience. Night drives, up close animal experiences, unique photographic opportunities and lunch time game drives for Monarto Zoo visitors will all be available.

The overnight accommodation will also open up other opportunities long planned for Monarto such as night walks in the mallee amongst our unique native wildlife. These 'Wild Australia' experiences will be able to highlight and promote the work being done by the Society on the conservation, breeding and release programs for rare and endangered native species.





### Private Lodge Sites

As a part of the development of Wild Africa, some private safari lodge sites may become available. These will offer truly unique views across the rolling savannah that is 'Wild Africa'.

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### Site preparation

Considerable work has been done over the past twelve months by staff, trainees, volunteers and school children in revegetating and restoring mallee areas within the project site.

So far a total of 80kms of direct seeding and nearly 15,000 local provenance mallee tube stock has been planted on the project site. Degraded areas of vegetation are being restored and wildlife corridors planted to reconnect Monarto Zoo to the Rocky Gully Forestry Reserve.

All internal fences have been removed and the first 2.5kms of perimeter fencing has been erected.

Twenty tonnes of metal has been removed from the site, together with a considerable amount of farm 'garbage'.

A major feral control program has been established which has resulted in the virtual elimination of rabbits from the project site. Some foxes and hares are still seen but numbers are being kept under control until the perimeter feral proof fencing is complete.

A weed control program has also been established and centres on the removal of species such as boxthorn and bridal creeper together with the ongoing control of horehound and other broadleaf weeds.

Seventy hectares of pasture has been planted this year in preparation for the stocking of African grazing animals.

More planting is planned for next year and we acknowledge the ongoing support of the Eastern Hills Murray Plains Catchment Group for their contribution to the revegetation and restoration of the project site.

As a means of weed control, and a source of income, sharecropping of some areas of the property has been carried out by local farmers.

### New species

For many years it has been impossible to import African hoof stock due to the lack of a specific Import Risk Assessment (Australian Biosecurity) for this group of animals. Recent developments however now enable us to import overseas animals via New Zealand after a twelve month quarantine period. A cooperative of Australian and New Zealand zoos are now planning an importation of animals under this new government legislation. The first species targeted will be Nyala – a beautiful horned antelope from Southern Africa. Other animals are planned for importation should this pilot prove successful and these will include other new species and specimens of existing species currently held in Australia to provide much needed new genetic material.



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### Aboriginal Learning on Country Program (ALOC)

'Wild Africa' is also home to ALOC, established in 2010 this program brings in four trainees annually to work at Monarto and gain experience and a Certificate 2 in Conservation and Land Care.

A joint initiative of Zoos SA, the SA Murray Darling Basin NRM, SA Works (DEEFST), DEEWR, Work Skil, Madec and Grow Smart Training has proved very successful to date and is now in its second year of operation. It is planned to add a second year to the program offering a Certificate 3 to selected trainees.

Nathaniel, Brenton, Carl and Leon have all successfully completed their formal training and three now have full time employment elsewhere.

The ALOC program is being supervised by Tim Jenkins who as part of the project has achieved an upgrade to his Certificate 4 in training to add to his many other land care and conservation qualifications. This year's trainees, Scott, Joseph, Trevor and Edmund have all settled in well in their new positions with the zoo.



As 'Wild Africa' develops we hope to open up opportunities to trainees for long term employment.

### Volunteers

Already the 'Wild Africa' project has attracted the support of several volunteers to help enable the site preparation to proceed. Brian Kuss, supported by Barry Headley, Jonathon Pearson and others, has been especially instrumental in helping to manage the weed and feral animal pest control on the project site. They have also been heavily involved in



revegetation and habitat restoration and have assisted with the ALOC program.

The Monarto Zoo education department has also involved many schools in the revegetation of the 'Wild Africa' project site and we would especially like to thank these many students, their teachers, Wally and Emma and our other Monarto education staff.

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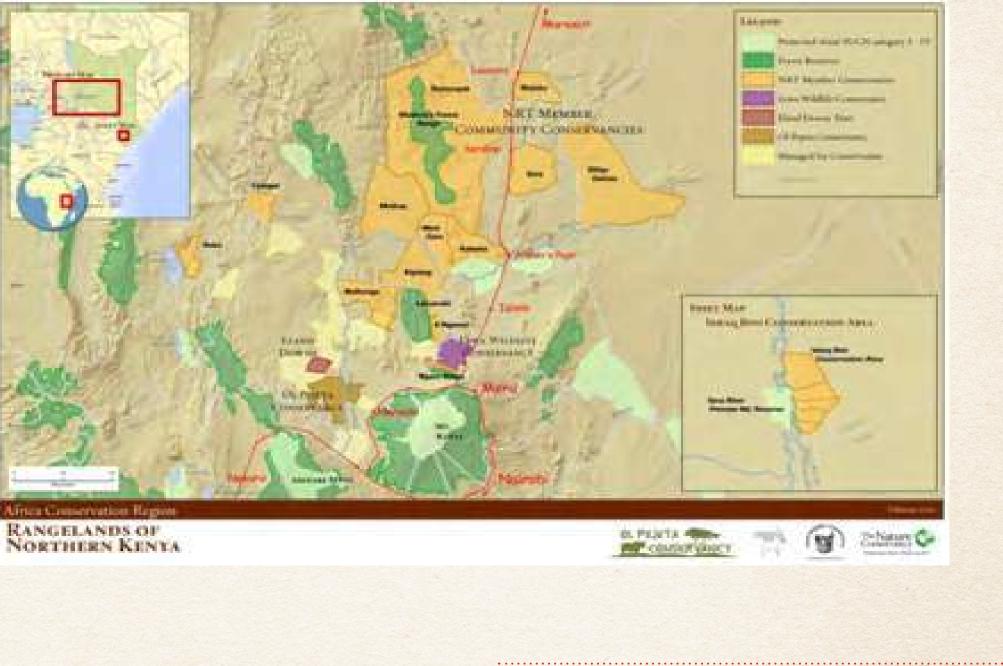
### Other Conservation Projects - Sera, Kenya

Monarto Zoo and Zoos South Australia have entered into a five year partnership with a Samburu community in Northern Kenya to help improve their lives and protect the wildlife that they live with.

This partnership is being managed through the banner of the 'Wild Africa' project. So far nearly \$15,000 has been raised to support the Sera women and their families and for wage support for the Sera Rangers.

All the Rangers at Sera are now members of the African Ranger Association which gives them a connection to rangers all over Africa and which also provides insurance for families in the event a ranger is killed in the line of duty. This membership has been paid for by the sale of beads through Zoos SA.

The Sera Conservancy is an area of 300,000ha that embraces a harmonious relationship between the Samburu semi nomadic herders, their livestock and the wildlife on their lands.



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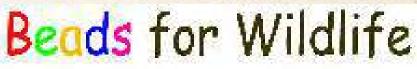
**Finals** 

Income is created from tourism and the sale of beadwork both locally and overseas (through zoos such as ours) and this not only supports the women and their families in the community but also provides wages for Wildlife Rangers who help manage safe areas for the wildlife currently occupying Sera. Species such as elephant, lion, cheetah and zebra are already present but it is also planned to reintroduce other species such as Black rhinos which formerly lived in the area. Reticulated giraffe have already been successfully reintroduced to Sera Conservancy.

By managing the land properly, large areas formerly degraded by mismanagement of livestock grazing (especially during times of drought) now support both livestock and a much larger and more diverse wildlife population whilst also providing a great destination for tourists.

Sera is just one of fifteen Northern Kenyan like minded conservation conscious communities linked in this way through the not for profit Northern Rangelands Trust www.nrt-kenya.org





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# **Overseas Conservation Tours**

### Mokhohlolo Tour

This special experience tour to Kruger National Park in South Africa and to lower Botswana is open to all zoo members or other members of the public interested in seeing firsthand how the Rangers and Veterinarians handle animal management in one of the largest national parks in the world.

Now in its third year of operation, tour members get to participate in game capture (rhinos and elephant), learn about poaching techniques and counter poaching operations, go on game walks, helicopter rides, and camp out amongst the multitude of wildlife that populate Kruger's over two million hectares of national park (there are around 15,000 elephants in the park which can make things very exciting).

This very unique camp, operated by the South African Game Parks Honorary Rangers, has only had a very limited number of wildlife adventure travellers stay during its fifteen years or so of operations. All profits go towards supporting the purchase of modern counter poaching equipment for the Rangers responsible for the protection of wildlife in the park. The dramatic increase in rhino poaching over the last few years only highlights the need for more support for these important men and women who are trying to stay ahead of modern poaching methods. Kruger is now home to the largest number of Black and White rhino in the world.

The tour also travels through the rest of the 400kms of Kruger and into lower Botswana staying at different camps along the way.

A must for wildlife photographers and animal lovers this tour has now generated over \$30,000 towards the support of counter poaching of rhinos in Kruger.

### Borneo Tour

Last financial year Carla Litchfield (Zoos SA Vice President and Conservation Psychologist) led a tour for Zoos SA and Peregrine Travel to Borneo. The trip included trekking through rainforests and observing wild apes in their forest homes and orphaned apes in sanctuaries struggling to cope with the sheer numbers of often traumatised infants.

It is impossible not to reflect on consumerism 'gone mad' in Malaysia, with 100+ malls and megamalls in and around Kuala Lumpur alone. The locals in Sabah pride themselves on '1Borneo'- the first and largest Lifestyle Hyper Mall in East Malaysia. Malls in Malaysia are seen as 'lifestyle destinations', where people 'hang out' communing with designer man-made goods rather than nature. The battle to save the forests and our closest relatives is really a battle to reduce our human unsustainable 'over-consumption' of everything.

What makes these overseas conservation tours different to others is that it is an educational and life-changing experience, with a portion of costs donated to a conservation project within the region visited; in Borneo monies are given to the Kina batangan Orangutan Conservation Project.

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**Conservation Education** 

The Zoos SA Education team has again had a busy 12 month period. As well as providing amazing animal experiences, each site has a range of education programs and resources which connect students with nature using passionate staff, interactive learning activities and accurate information about animals, the environment and conservation.

This year Monarto Education has created some new programs, including 'Rangers'. The team is developing the building at the Rhino bus stop to become the Ranger Station, modelled on ranger stations found in African wildlife reserves and conservancies. Activities undertaken by students also reflect those of real rangers, with animal identification, behaviour observations, record keeping and habitat maintenance and rehabilitation work.

The MAD (Make A Difference) for Wildlife action program has also been taken up by many schools, resulting in a surge of mobile phone recycling, bead sales and drink can recycling to support conservation organisations in Africa.

At Adelaide Zoo, the International Year of the Forest triggered the team to develop 'Forest Trails' for teachers to use with their classes. The main focii of these trails are the rainforests of SE Asia, the temperate deciduous forests of China and the mallee shrubland of SA.

With the gradual introduction of the new Australian Curriculum, we have begun a review of our current programs and resources to identify links with the new curriculum and any relevant areas of the curriculum that we do not currently support.

The Australian Science curriculum is now complete and is part of the process. Next year the new Geography curriculum will be finished and will also be involved in the review.

The Department of Education and Children's Services transported a pair of surplus classrooms to Monarto Education last November, and these are located near the Visitor Centre, awaiting renovation. It is possible that they will be relocated to a more suitable position with respect to service connection before they are refurbished. As there is currently no indoor education area at Monarto, this building will be a valuable asset for Education in the future.

During June this year, Zoos SA, in collaboration with the Jane Goodall Institute, hosted a Youth Forum for SA school children.



Because numbers were limited by the availability of sheltered presentation areas around Adelaide Zoo, 30 South Australian schools, all of whom have a history of active environmental or conservation work amongst their student bodies, were invited to send eight student representatives to the Forum. Twenty two schools were involved at relatively short notice.

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During the morning, pairs of students from each school attended two workshops, which were different to those of the other three pairs from their school. The eight workshops featured a range of interactive sessions, run by experts in their fields, which covered conservation issues with local and overseas themes. These environmentally-active students participated enthusiastically in the workshops; their input was greatly appreciated.

Later in the day, the students all shared their workshop experiences with the rest of their school's representatives. Back at school, each group also reported back to their school communities.

After lunch, the Forum was addressed by Dr Jane Goodall, DBE, who clearly inspired the audience with her stories and perceptions about conservation and the difference that individuals can make.

The day was facilitated by Ian Walton whose experience in working with students in a forum setting and using the 'Kids Teaching Kids' philosophy was invaluable in contributing to a very successful and motivational day for all concerned.

Curriculum change in the senior years has seen a new SACE subject, 'Research Project', created at Year 12 in SA. This has increased the number of students approaching Education staff at Adelaide and Monarto Zoos for interviews about the animal or conservation based topics they have chosen. We already have many of these requests from Tourism students and others each year. Processes have been developed at both zoos to ensure that these requests are managed fairly and efficiently.

The Zoomobile has been flourishing under sponsorship from McDonald's. Further sponsorship was obtained from the Adelaide and Mount Lofty Ranges Natural Resources Management Board. This was specifically to provide free presentations, with a focus on local species and environmental action, to schools and kindergartens in this NRM region. The Zoomobile was based at Monarto Zoo for three weeks of the year, and this enabled visits to schools, kindergartens and aged care facilities in the Murraylands and Eastern Fleurieu region. The other country visit which is becoming a regular part of the Zoomobile calendar was to Appila for the annual Appila Springs Environmental Day, which serves many schools in the mid-North area. Both these 'tours' were possible because they included suitable overnight accommodation for the animal team.

This year, Zoos SA has been invited to several Science Teachers Expos; we are supporting these, wherever possible, with our attendance. It is a chance to make contact with over 100 Science teachers at once and as these events are generally held after the school day is over, most of the on-site teaching commitments at the Zoos are not affected.

Last October Emma Still, from Monarto Education, attended the International Zoo Educators Conference in USA. After the conference she spent several weeks, in her own time, visiting some amazing environmental education places in USA, and in particular spent a lot of time working with the team at Earth Education Institute in Pennsylvania. She picked up a lot of ideas for activities, games, programs and processes there, and some of these are already being incorporated into the Monarto programs.

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This year, with staff illness, flourishing overnight and holiday programs and some big events to manage, the importance of our casual Education staff has become very clear. They are an experienced and flexible team, which is prepared to try new things in the cause of conservation education. So a big thanks to Liz Bonney, Ginny Chalmers, Craig Chapman, Rafael Church, Lee Hayes, Alice Howard, Corey Rushworth, Carolyne Ryan, Helen Whitford, Clare Wignall and Sal Younger.

We are also indebted to other zoo staff and volunteers at Adelaide and Monarto Zoos who help us to run our programs effectively. We are constantly amazed by the generosity shown by these people in giving up their time to improve the experience and learning of our student groups.



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# Library

The Library has continued to provide service to staff, zoo volunteers, and students.

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During the course of the year:

Jan Martin, Adelaide Zoo Volunteer, started to convert the manual records of the collection of historical photographs to electronic records; this greatly improves searching and access of the photographs. Jan Martin is an experienced librarian and her professional input in the project has been invaluable.

The Monarto Zoo staff Library at Kalibar was given a makeover to update the collection and meet the needs of keepers.

The Zoo and Aquarium Association (ZAA) Libraries Network had a re-haul that included an update of the membership and email list, and the completion of a list of library resources.

The ZAA Libraries Network comprises libraries from the ZAA institutions. 'Library' is a flexible term that includes any collection of educational material (in hard copy or digital format, and online), not necessarily arranged in a formal library setting, managed by a zoo staff member. The manager may or may not have formal library training; the only essential requirement to be a 'ZAA Library Manager' is the dedication to support professional development for the zoo staff and volunteers.



The network, formerly known as 'ARAZPA Libraries Network', started at Adelaide Zoo in 1992 as the brainchild of the Society Librarian Ms Margaret Apsey to facilitate the sharing of resources among Australian Zoos. The network is vulnerable to staff turn-over and funding from the parent organisations, and over the years it has waxed and waned. It was therefore very pleasing to see a very useful list of library resources take shape through the efforts of network members.

The Library thanks all staff, volunteers, and members of the public who enriched the library by contributing material and sharing their knowledge.

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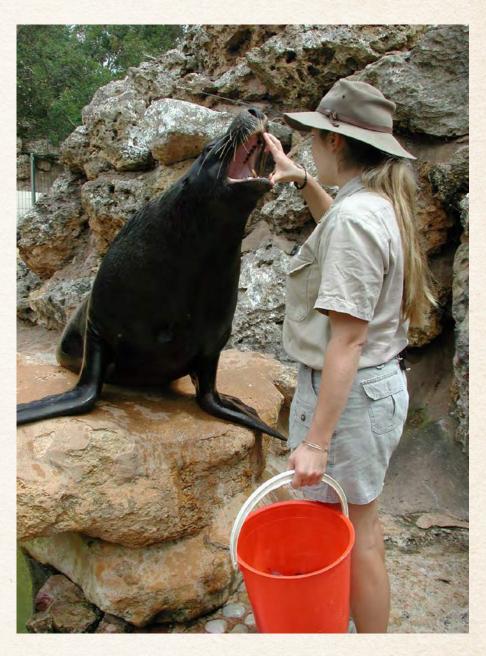
# Interpretation

This year has been one of consolidation on all of the work we have been doing at Adelaide Zoo now that the Pandas have settled in. One of the major achievements has been the development and implementation of a presentation training package for staff and volunteers. This has helped improve and professionalize all aspects of our public presentations.

As well as developing the presentation skills of staff, we have also worked closely with the animals so that they are trained in an appropriate manner, either to be able to interact with people or to develop behaviors that will enable keepers and vets to view and work with them in the best manner.

At the new front entrance we worked closely with the Environment Institute of the University of Adelaide to develop a soundscape as you proceed from Frome Road to the entrance precinct across the ETSA Connection Forecourt. This soundscape of noises 'from the wild' is complemented by the launch of the 'water is life' audio tour of the zoo that takes people on a journey along the River Murray and through the zoo. As part of the soundscape local writer Sean Williams developed a water poem that may be heard playing across the ETSA Connection Forecourt. Overall, this is a special opportunity that combines talents and resources to create innovative ideas in education and research, to promote conservation and better management of our unique natural ecosystems. The new water poem and Water Soundscape are excellent first products from our new partnership with the Environment Institute.

The Frog Atlas allows you to learn more about some of Australia's frogs, while helping to build an interactive map of frog distributions. This was developed in house last year and we have now improved it by designing and building a state of the art mapping system for the frogs. As well as this we have also built an online learning system to teach members to recognize frog calls.



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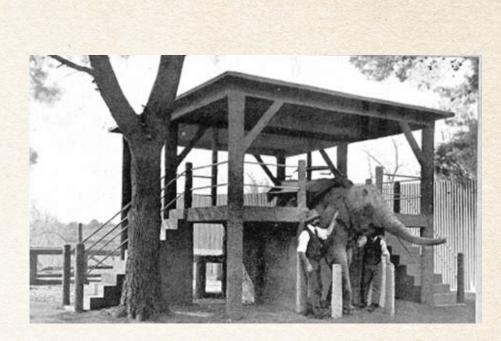
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# History

This year 100 years ago ...

There is something moving about the elephant in one of the photos that grace the 33rd annual report of the South Australian Zoological and Acclimatization Society. 'Mary Ann', fitted with a howdah, is kept in place by two keepers in the tight confinement of the new Mount Platform, all concrete and steel. Only a nearby tree softens the straight lines and right angles of the platform, oddly described as a 'pagoda'. 'Mary Ann' seems eager to move away and walk along the equally new Elephant Walk: no more the course girthing a circular block of land, but a straight path that now ran along the eastern boundaries of the zoo. "The new walk represents a distinct improvement on the old one", the annual reports comments. "It is enclosed from end to end with elegant reinforced concrete posts and rails, and it is practically monolithic in character."

Among the new buildings were the 'semi-detached' Wombat Houses: "(... a crescent-shaped building ...) divided in six separate apartments" each "furbished with an earth bath" in which the animals delight to scratch and amuse themselves in the summer". The facility was for the use of "various species of the fast-diminishing family": words conveying the same concerns that, a century later, underpin the Southern hairy-nosed wombat research program supported by the Society.



During the 1910-11 financial year the Government had given an extra £1,500 towards reconstruction works, and an additional grant of £700. "These sums were most welcome, owing to the fact that for many years the Society was from time to time retrenched so heavily that the buildings and fences fell into such a bad state of repair that it will take some years to place them in proper order again", reads the annual report. "The Council desires to express its thanks to the Government and Parliament for the generosity and to express hope that the interests of the Society will be considered in an equally kind spirit in the future."

The generosity of the Government was equalled by the donors', foremost among them the Duke of Bedford. His Grace donated a fine pair of Caucasian Red Deer and of Cashmirian Deer that proved to be a great attraction.

This exciting financial year was marred by two sad events. First the death of Mr. T. R. Bowman, who, "almost from the inception of the Society, held office as a Vice-President. He was a frequent visitor of the Gardens, and, in many ways, helped forward its objects."

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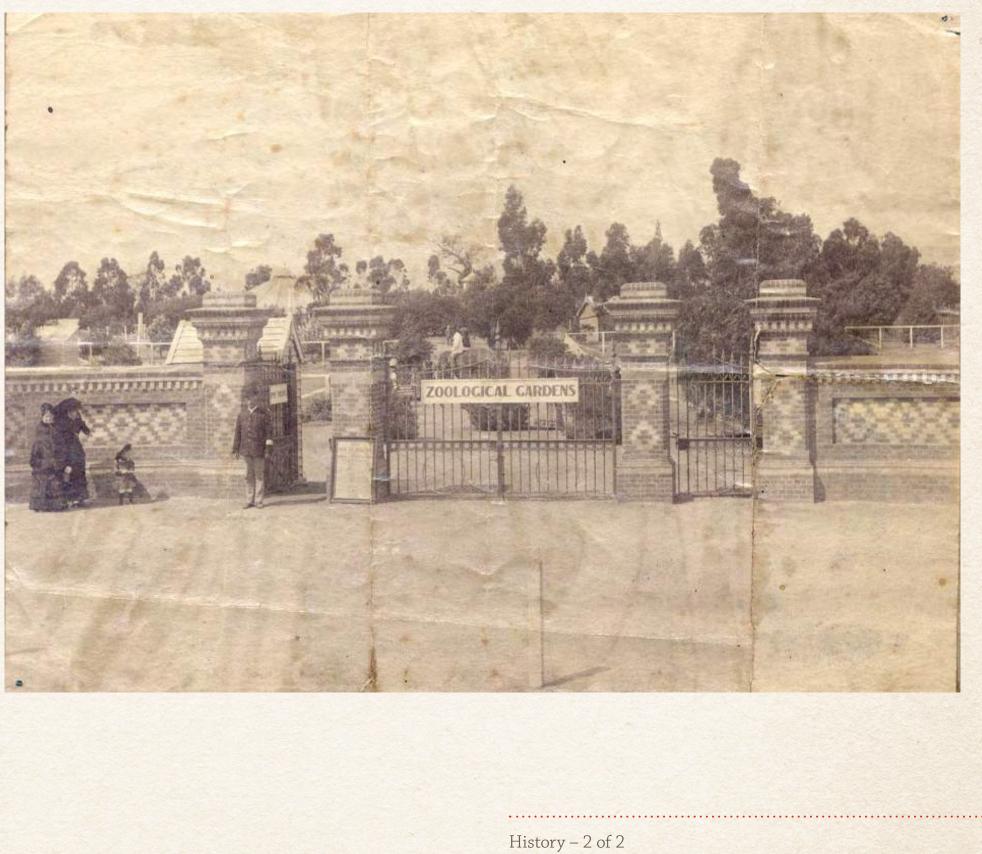
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The other sad note was the ill-health of the President Mr. Simpson Newland that prevented him from attending the AGM. "We never had a President who has taken a deeper interest in the progress and welfare of the Zoological Society", Mr. W. Herbert Phillips, Council Member and Finance Committee Member, noted in his speech.

Mr. Newland had also been President of the Finance Committee for a number of years. So appreciated Mr. Newland was that, even in his absence, a motion was carried to re-elect him as President.

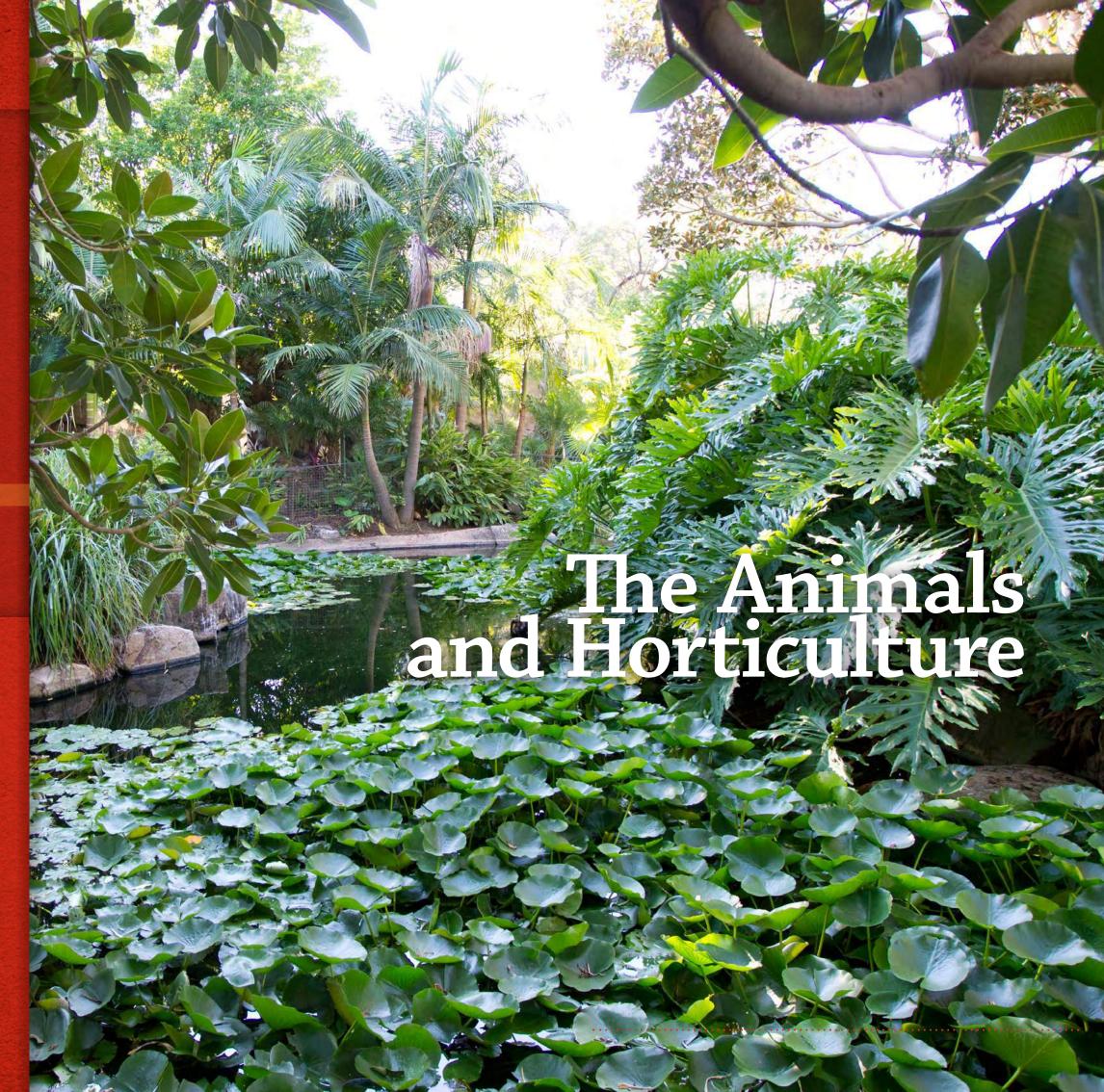


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# **Overview**

Endangered and Threatened species breeding programs saw success on many fronts. Seven devil joeys were produced this year as part of the Mainland Insurance Population. We also received a \$30,000 grant for a new devil exhibit from the Tasmanian Devil Research Advisory Committee (TDRAC), University of Tasmania (UTAS). Four Palm cockatoo were bred, unfortunately only one survived, but staff did a temedous job with hand-raising the chick and gained valuable skills. Malleefowl eggs were collected from Ferries-McDonald Conservation Park, with two being successfully hatched at Adelaide Zoo. They will join the other Malleefowl at Monarto and hopefully become part of a breeding population and released onto the site.

Our first release of five Warru (Black-flanked Rock Wallaby) into the Pintji (feral proof hardening off area) happened in March 2011. Amazingly these animals have bred already producing at least one pouch young.

We have started managing the population of natives at Warrawong Wildlife Sanctuary with a census completed this year of all animals in the Sanctuary except platypus. Most of the Kangaroo Island Tammars on site have been removed and once completely removed we will release Mainland Tammars from the population at Monarto into the Sanctuary. This will allow us to tell its unique conservation story to our visitors.



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At Adelaide we participated in a field research program in collaboration with the Department of Environment and Conservation in WA resulting in the collection of one male and one female Central Range Taipans into the zoo's collection. This is a new species in captivity and part of a research program.

This year we saw a lot of progress and lots of movement in our primate collection. Four female chimps were imported from Europe and after spending a quarantine period at the Adelaide Zoo Animal Health Centre they were transferred to Monarto Zoo. The females were integrated with the males by the skilled staff who also had to monitor and manage the group as a new alpha male (Adelaide's Tsotsi) took over. We transferred out our entire family of Lion Tailed Macaque's (one male and three females ) to Rockhampton Zoo, whilst importing a small group of Pygmy Marmosets from Barcelona. These have since bred and we are now moving progeny interstate. A new adult female Orangutan was transferred to Adelaide Zoo for breeding purposes. We also bred from our existing female Orangutan, unfortunately this young did not survive. A similar situation occurred with our White Cheeked Gibbon, but both species showed great promise with maternal care and barring medical and congenital complications next time around we should see offspring successfully raised.

As part of an international exchange agreement we received one male and two female Fennec fox from Los Angeles Zoo after previously sending them a number of Yellow-footed Rock Wallabies.

At Monarto our Southern White Rhino produced a male calf and the lion pride a single female cub. Several confiscations of exotic Birds, some new to our collection, have taken place this year and are now on display at Adelaide Zoo. They are on loan from the Federal Government.

These are only highlights of our many programs and accomplishments for the year and it should be mentioned that many new visitor experiences have been initiated and training and conditioning programs have benefitted the collection across all three sites.



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# **Status Of Collection**

#### Collection Development Team - 2011

Displaying the collection under a number of different categories, this report highlights how the collection is progressing towards desired aspects of collection management, and is valuable for site and master planning purposes. This report is provided annually to track the progress of the animal collection and is prepared by Lindell Andrews.

As the human population grows and impacts at an increasing rate on plant and animal species across the globe, zoos and aquaria are becoming critical for the survival of many species, and an integral part of in situ conservation programs for many others. While individual animal collections are often too small to be of much value to long-term conservation, cooperative international and/or regional ex situ breeding programs form large, viable populations that can make a difference. Aside from contributing to the conservation of a species, these ex situ programs also provide animals for public educational and/or exhibit opportunities; provide research collections from which to gain basic knowledge of animal biology and husbandry; and provide fund-raising material. Furthermore, if managed correctly, there is the potential to provide demographic and genetic insurance populations.

Adelaide Zoo and Monarto Zoo, as members of the Zoo and Aquaria Association (ZAA) are committed to cooperatively managing their animal collections in order to promote sustainability and to contribute towards species' conservation.

Whilst Warrawong Wildlife Sanctuary is not yet a member of ZAA, it principally operates under the same policies and procedures as the other Zoos SA properties, with any differentiation based largely upon its unique environment.

Following The World Zoo Conservation Strategy, there are two considerations that are important in the process of choosing species for ex situ management within Australasian zoos:

- 1. What species will best serve the broad-based conservation goals of ZAA zoos?
- 2. What are the capabilities and strengths of ZAA zoos in

#### **Zoos SA Collections**

As zoos develop through time, and move from 'stamp' collections of the past to centres of small population management, cooperative breeding programs and naturalistic displays, there is often some concern that collection diversity will decrease. Effective regional planning can ensure that each ZAA zoo is able to continue displaying a healthy diversity of animals, despite populations of species growing in size to ensure long-term viability. Currently, across Adelaide and Monarto Zoos, and Warrawong Sanctuary, there are over 3100 specimens representing almost 310 different species, but with all properties maintaining their independent identities due to the species they hold and the manner in which they display them.

regard to their knowledge, experience and resources?

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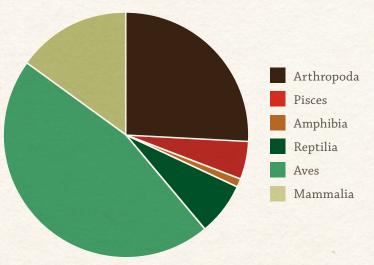
The collection at Warrawong Wildlife Sanctuary is still being evaluated and is evolving, and as such cannot be fully represented in this document to the same extent as Adelaide and Monarto Zoos.

Every year, the current and planned collection data from each institution is compiled (as of May 1), and while it assists in progressing towards each institution's collection goals, it also becomes a planning document for the region, published annually by ZAA as the ASMP Regional Census and Plan.

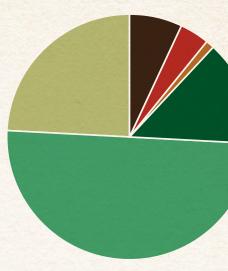
#### Current vs Planned

## Adelaide Zoo

Current specimen numbers (total = 2428, from Adelaide Zoo ARKS4 database) (2010 total = 2223)

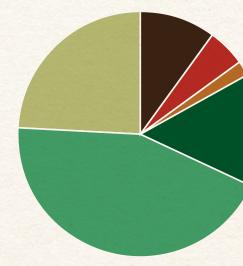


Current species numbers (total = 273; from Adelaide Zoo ARKS4 database) (2010 total = 280)



Diversity index (average # species/family) = 2.28

Planned species numbers (total = 274; from 2011 Online Regional Census and Plan) (2010 total = 289)



26%

5%

1%

7%

46%

15%

Diversity index (average # species/family) = 2.19

Living Collections – Status Of Collection – 2 of 16

Arthropoda	7%
Pisces	4%
Amphibia	1%
Reptilia	14%
Aves	50%
Mammalia	24%



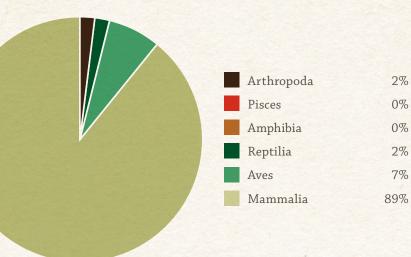
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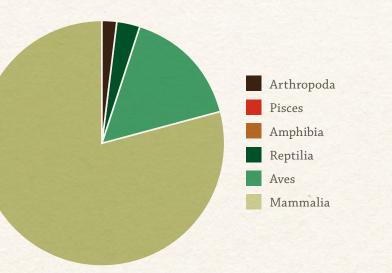
#### Monarto Zoo

Current specimen numbers (total = 476, from Monarto Zoo ARKS database) (2010 total = 504)



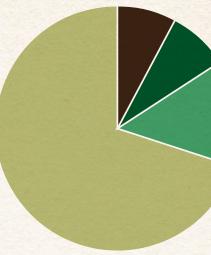
(The chart shows Arthropods at 0% - this is a factor of rounding as there are specimens within the collection).

Planned specimen numbers (total = 707, from 2011 Online Regional Census and Plan) (2010 total = 1139)



(The chart shows Arthropods at 0% - this is a factor of rounding as there are specimens planned for collection).

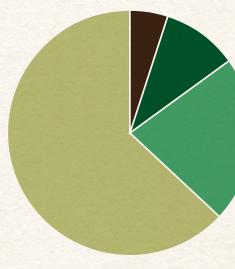
Current species numbers (total = 37; from Monarto Zoo ARKS database) (2010 total = 42)



Diversity index (average # species/family) = 1.42

(The chart shows Arthropods at 0% - this is a factor of rounding as there are species within the collection).

Planned species numbers (total = 62; from 2011 Online Regional Census and Plan) (2010 total = 63)



2%

0%

0%

3%

16% 79%

Diversity index (average # species/family) = 1.56

(The chart shows Arthropods at 0% - this is a factor of rounding as there are species planned for the collection).

Arthropoda	8%
Pisces	0%
Amphibia	0%
Reptilia	8%
Aves	14%
Mammalia	70%

Arthropoda	5%
Pisces	0%
Amphibia	0%
Reptilia	10%
Aves	22%
Mammalia	63%

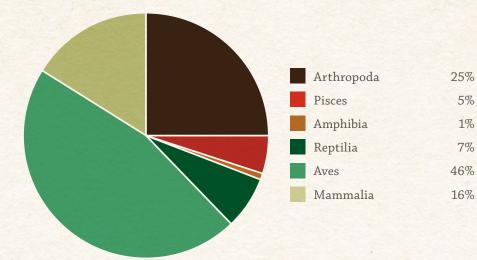
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#### Warrawong Wildlife Sanctuary

Current species numbers (total = 26, from Warrawong Wildlife Sanctuary 2011 census)



There are currently no planned numbers for species or specimens available for Warrawong Wildlife Sanctuary.

#### **Collection Composition - CITES Listed Species**

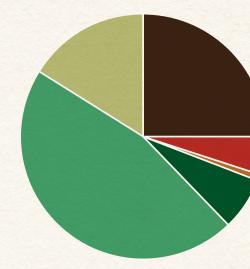
Currently, there are approximately 5,000 species of animals and more than 28,000 species of plants protected by CITES (the Convention on International Trade in Endangered Species of Wild Fauna and Flora) http://www.cites.org/eng/ disc/species.shtml. These species are listed in one of three CITES Appendices, according to how threatened they are by international trade (CITES I being most threatened).

## Adelaide Zoo

5%

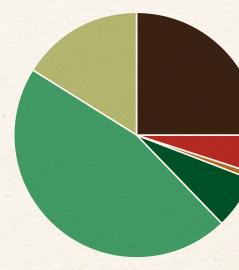
1%

7%



There are five domestic species within the Adelaide Zoo collection, not included within this figure.

#### Monarto Zoo



Living Collections – Status Of Collection – 4 of 16

Arthropoda	25%
Pisces	5%
Amphibia	1%
Reptilia	7%
Aves	46%
Mammalia	16%



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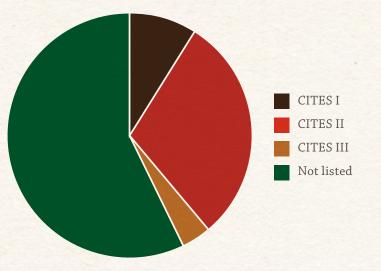
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#### Collection Composition - CITES Listed Species

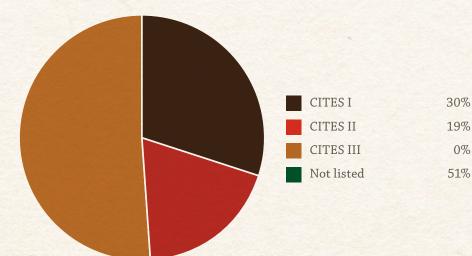
Currently, there are approximately 5,000 species of animals and more than 28,000 species of plants protected by CITES (the Convention on International Trade in Endangered Species of Wild Fauna and Flora) http://www.cites.org/eng/ disc/species.shtml. These species are listed in one of three CITES Appendices, according to how threatened they are by international trade (CITES I being most threatened).

#### Adelaide Zoo

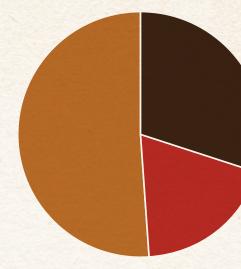


There are five domestic species within the Adelaide Zoo collection, not included within this figure.





#### Warrawong Wildlife Sanctuary



9%

30%

4%

57%

Animals listed under CITES Appendix I are those species threatened by extinction. The trade in specimens of these species is permitted only in exceptional circumstances. These restrictions have implications for the maintenance of CITES I species in the zoo collection, as the import of such species can be a long and expensive exercise. These species, in particular, highlight the need for effective population management, with any CITES I species required to be managed under a Department of Environment and Water Resources approved Cooperative Conservation Program (CCP). Adelaide Zoo currently house 25 species of CITES I listed animal, while Monarto Zoo maintains eleven CITES I species and Warrawong Wildlife Sanctuary one (Appendix 1).

CITES I CITES II CITES III Not listed

4% 7% 0% 89%

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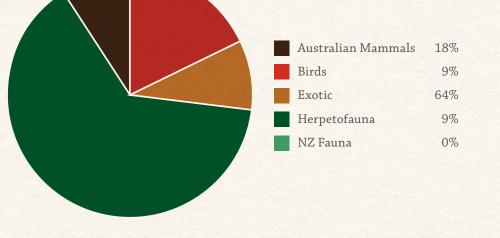
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Warrawong Wildlife Sanctuary houses a single CITES I Australian mammal, with no other CITES I specimens, and as such this collection has not been illustrated here.



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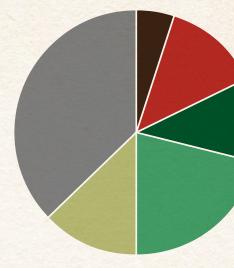
#### Collection Composition - IUCN Listed Species

The World Conservation Union, previously the International Union for the Conservation of Nature and Natural, has been assessing the conservation status of species, subspecies, varieties and selected subpopulations on a global scale for more than 40 years. The categories and criteria are intended to be an easily and widely understood system for classifying species at a high risk of extinction. Subsequently, by highlighting these extinction threats, the IUCN hopes to promote their conservation. The IUCN Red List was updated in 2008, with many species changing in their classification. Unfortunately, many were granted more threatening status than previously. Nonetheless, almost three-quarters of Adelaide Zoo's fauna are not IUCN listed. Refer to Appendix 2 for Zoos SA species of greatest concern under the IUCN categorisation.

Adelaide Zoo

#### Extinct in Wild 0% Critically Endangered 5% Conservation Dependent 0% Endangered 8% Near Threatened 6% Vulnerable 9% Not Listed 70% Data Deficient 0% Least Concern 2%

#### Monarto Zoo



Warrawong Wildlife Sanctuary has s single species list as Critically Endangered, with all other species not listed by IUCN. As such this collection has not been illustrated here, or in the TAG breakdown on the next page.

Extinct in Wild	5%
Critically Endangered	13%
Conservation Dependent	0%
Endangered	11%
Near Threatened	21%
Vulnerable	13%
Not Listed	37%
Data Deficient	0%

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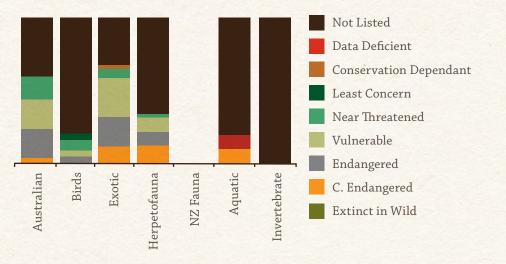
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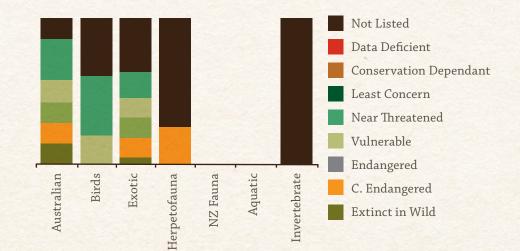
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IUCN listed species are represented throughout most of the taxonomic groups currently held at Adelaide and Monarto Zoos. While the graph below indicates the categories of IUCN listings throughout each of these groups (as determined by the ASMP Taxon Advisory Groups), it does not give a true representation of numbers within each group, but of a percentage within each group.

Adelaide Zoo



#### Monarto Zoo



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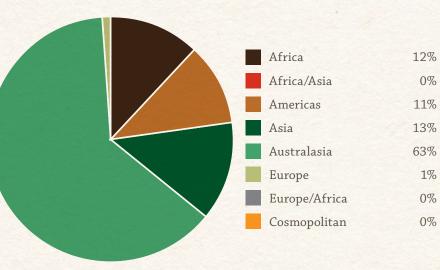
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#### Collection Composition - Geographic Representation (by species)

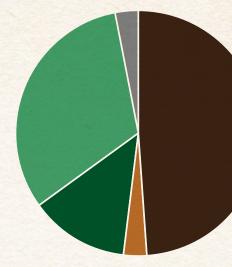
The aim of The Royal Zoological Society of South Australia is "We exist to save species from extinction". While both Adelaide and Monarto Zoo concentrates on fauna from the Australasian region, Adelaide Zoo has a secondary commitment to species from the Asian regions, while Monarto Zoo concentrates on species from Africa. The species diversity is further increased by displaying animal species from across the globe.





(Any wedge represented at 0% is purely a factor of rounding as there is a single species from this region).

#### Monarto Zoo



The focus of Warrawong Wildlife Sanctuary is Australian native fauna, and therefore, with 100% of the collection endemic to Australasia, geographical breakdown is not warranted.

#### **Captive Management Units**

Every species currently held by a ZAA institution, or listed as a planned holding at a ZAA institution, is covered by a Taxon Advisory Group (TAG). The ASMP redefined the TAG structure in 2010, based on review of the species managed by the ASMP and significant membership feedback. TAGS are now determined by strategic area, with specific taxonomic groupings within. They now employ a holistic approach, with emphasis on the delivery of program outcomes; they facilitate husbandry forums and workshops, and support the development of Captive Management Plans and other management tools.

Africa	49%
Africa/Asia	0%
Americas	3%
Asia	13%
Australasia	32%
Europe	0%
Europe/Africa	3%
Cosmopolitan	0%

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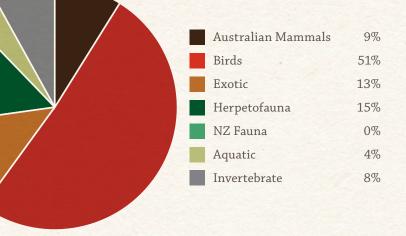
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## **Collection Composition** - Number of species per TAG

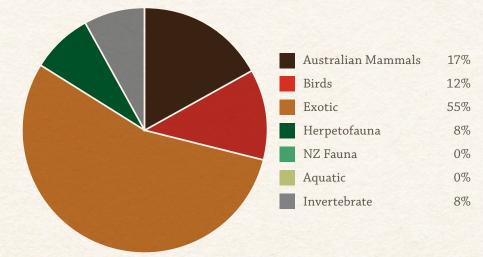
Following review of the TAG structure in 2010, there are now seven TAGs – Exotic Fauna, New Zealand Fauna, Australian Mammals, Birds, Herpetofauna, Invertebrates and Aquatic. The New Zealand Fauna TAG is the only one not represented by the Zoos South Australia collection.

#### Adelaide Zoo

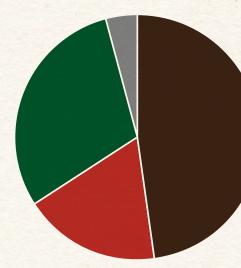


(Any wedge represented at 0% is purely a factor of rounding as there is a single species from this region).

#### Monarto Zoo



#### Warrawong Wildlife Sanctuary



Although Warrawong Wildlife Sanctuary is not currently a ZAA institution, and therefore its animals do not fall under ASMP TAGs, they have been included here to illustrate potential representation.

Australian Mammals	48%
Birds	18%
Exotic	0%
Herpetofauna	30%
NZ Fauna	0%
Aquatic	0%
Invertebrate	4%

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## **Collection Composition** - Management level of species

The ASMP management categories provide a framework for organising species management and planning at a regional level. These categories are designed to indicate the role or status of a taxon in the regional collection, whether or not regionally coordinated management is being applied, and if so at what intensity.

During 2010, a simplification of the ASMP Species Management Categories was endorsed, reducing the number of categories by eliminating the management levels of the past. The new management categories are:

- Conservation Program (CP) involves a species that has a documented role in a formal recovery effort. Typically managed to a high level of genetic and demographic rigor. Typically, a Captive Management Plan would be developed for the species in this category.
- Population Management Plan (PMP) involves those species that are of regional/global significance due to their threat status or strategic importance to Australasian collections. All will be managed to a high level of genetic and demographic rigor. For all exotics and some native species, a Captive Management Plan would be developed.

- Monitored Species Program (MSP) largely involves NZ need for some level of reporting around a majority of husbandry issue is considered useful.
- No Regional Program (NRP) for all taxa either not intensive management at this time.
- Not Recommended (NR) a species formally category should ideally be used infrequently.
- less frequently.

fauna where NZ government requirements specify the species. Also applies to a smaller number of other species where monitoring of the population dynamics or specific

assessed or not currently deemed a regional priority for

recommended by the relevant TAG and endorsed by the ASMP to not be acquired by member institutions. This

• Phase Out (PO) – a species formally recommended by the relevant TAG and endorsed by the ASMP to phase out by member institutions. Following more than a decade of formal collection planning, this category should be seen

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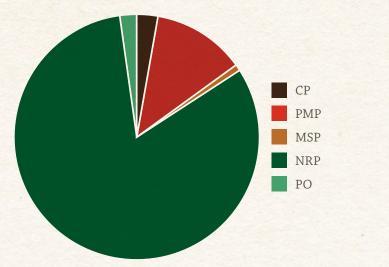
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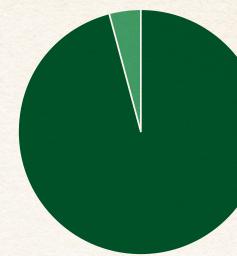
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The ASMP currently operates 82 programs at CP, PMP or MSP level; Zoos SA participates in 58 (71%) of these.

#### Adelaide Zoo



#### Warrawong Wildlife Sanctuary



3%

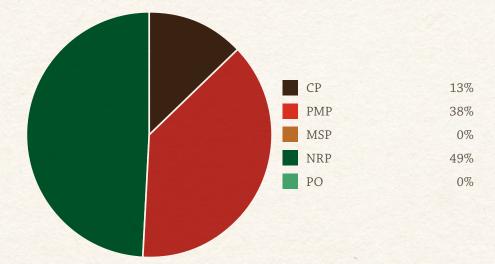
12%

1%

2%

82%

#### Monarto Zoo



Living Collections – Status Of Collection – 12 of 16

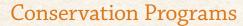


0% 0% 0% 96% 4%

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The RZSSA defines conservation consistent with the WAZA definition of 2005 – "conservation is the securing of long term populations of species in natural ecosystems and habitats wherever possible".

The RZSSA considers the delivery of its conservation objectives as one of the priorities of the organisation. The tables below outline significant conservation efforts, where there is a captive component, currently undertaken at Adelaide and Monarto Zoo (further information for many of these can be found at http://www.zoossa.com.au/ conservation-ark).



#### Adelaide Zoo

Species	<b>Conservation Effort</b>	Comments
Yellow-footed rock wallaby	Reintroduction and habitat management	Multi-organisational p Member of recovery T
Brush-tailed rock wallaby	Reintroduction and assisted reproductive technique	Member of recovery T
Black-flanked rock wallaby	Assisted reproductive technique	Support of Monarto Z
Greater bilby	Reintroduction, education and display	Financial support to r
Regent honeyeater	Reintroduction	Multi-organisational p
Orange-bellied parrot	Reintroduction	Member of recovery te
Pygmy blue-tongue lizard	Education and display; have permit to collect for captive breeding program	Member of recovery to
Western swamp tortoise	Education and display	Member of recovery te
Frogs	Financial support for in situ and ex situ programs; education	Support Year of the Fr
Sumatran tiger	Financial support for in situ programs ; education Regional captive program closely linked to European program as insurance population	Supports ZAA Tiger C Tiger & FFI
Orangutan	Financial support for in situ programs; education	Supports Australian C
Malayan sun bear	Financial support for in situ programs; education	Supports Save the Bea

project on-going for >10 years Team

Team

Zoo efforts

recovery team

project

team

team

team

Frog and Amphibian Ark activities

Campaign, 21st Century

Orangutan Project

ars Fund Inc.

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**Finals** 

#### Monarto Zoo

Species	Conservation Effort	Comments
Yellow-footed rock wallaby	Reintroduction and habitat management	Multi-organisational J
Black-flanked rock wallaby	Assisted reproductive technique	In collaboration with team
S.A. Mainland tammar wallaby	Re-introduction and assisted reproductive technique	In collaboration with team; species co-ordin
Brush-tail Bettong	Re-introduction	In collaboration with
Greater bilby	Reintroduction	> 75 bilbies released to team; financial support ordinator
Tasmanian Devils	Insurance population for Facial Tumor Disease (supported by Adelaide Zoo)	In collaboration with
Cheetah	Financial support and education	Support Cheetah Cons Cheetah Project
African wild dog	Financial support for in situ programs ; education	Support Painted Dog
Chimpanzee	Financial support for in situ programs	Support Siera Leone C
Malleefowl	Education and display	Member of national re

Warrawong Wildlife Sanctuary currently provides supplementary support to the mainland tammar wallaby program, and has plans to provide similar support to the Tasmanian devil and brush-tailed bettong programs within the year.

project on-going for >10 years

SA DEH; member of recovery

SA DEH; member of recovery inator

SA DEH

to WILD; member of recovery ort to recovery team; species co-

TAS DPIWE

nservation Fund and DeWildt Wild

Conservation Inc. Australia

Chimp Census

recovery team

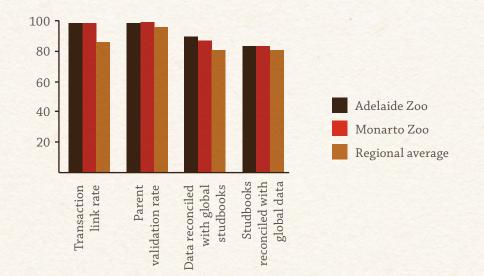
#### Year In Review President and CEO's Report President Report CEO's Report **Conservation Programs Conservation Ark** Veterinary Conservation Programs Assets & Infrastructure Adelaide Zoo, Monarto Zoo And Warrawong Wildlife Sanctuary Green Team Wild Africa **Overseas Conservation Tours Conservation Education** Library Interpretation History The Animals & Horticulture Overview **Living Collections** Status Of Collection Appendices Horticulture

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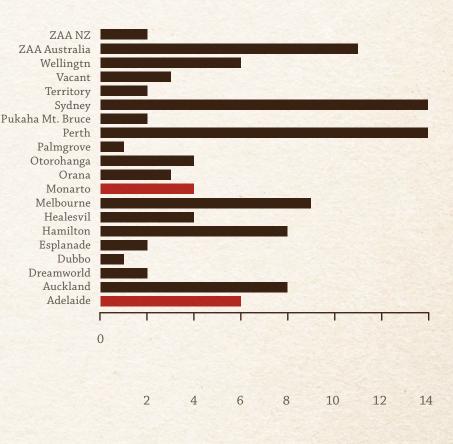
Animal records are an integral component for the management of the current collection, and in planning for the development of the collection. The graph below indicates Adelaide and Monarto Zoos' data quality in correlation with the ISIS global database, as of 1 May, 2011. Both Adelaide and Monarto Zoo are in the ISIS Top 50 Champions of Data Quality. The animals at Warrawong Wildlife Sanctuary are currently being entered into a third ARKS database, maintained at Monarto Zoo, and will assist with the effective management of this animal collection.



In 2010, Adelaide Zoo and Monarto Zoo joined 16 other institutions world-wide as early adopters for a new animal management database. ZIMS (Zoological Information Management System) is a global, on-line, real-time database that will eventually incorporate the functions of current programs ARKS, SPARKS, MedARKS and REGASP, plus more. ZIMS went 'live' at Zoos SA properties on 2 June, 2010, however after three months, it was determined that ZIMS could not yet meet our operational requirements, and ARKS was re-instated as the primary animal database at

Adelaide and Monarto Zoos. However, we continue to assist ISIS in their development of ZIMS. Furthermore, we are in the process of transferring our daily recording process from paper records to electronic records. This should allow for an easier transition when ZIMS does eventually come on board (and contribute to saving significant amounts of paper).

There are currently four keepers maintaining five ASMP studbooks at Zoos South Australia. A further five species managed by the Collection Development Team bring the total studbooks or species programs held through Zoos SA to ten (Appendix 4). Recovery team studbooks are maintained by Lindell Andrews (Victorian brush-tailed rock wallaby) and Mick Post (SA black-flanked rock wallaby). Despite a drop in the number of studbooks held by Zoos SA, Adelaide and Monarto Zoos still demonstrate a significant contribution to the managed programs of the Australasian region (additional studbooks completed by Lindell Andrews and Mick Post are not reflected under Adelaide Zoo in figure below).



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#### **ASMP** Program Participation

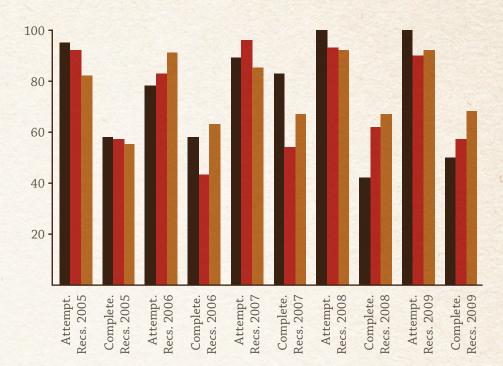
Zoos SA has shown enormous commitment to the core business of our zoos – species management. Lindell Andrews is a member of the ASMP Committee, the body that monitors and directs the activities of the ASMP. Lindell Andrews and Jodi Buchecker continue in their roles as Species Management Officers, assisting the ZAA office in ASMP program management.

ASMP programs are managed for sustainability and conservation value. The progress of each program is evaluated through an ASMP Health Check Report, which looks at the administration, science and legislation for each species, resulting in an overall score. The results of the Health Check Report allow the Association to monitor the performance of ASMP programs, and to better understand the skills and expertise required to deliver the desired outcomes. The results are directly fed into the TAG structure, and also collected into the annual Director's Executive Summary.

#### Implementation rates

In the graphs opposite, the 'Recommendations Attempted' indicate the percentage of recommendations that were attempted, whether successful or not. 'Recommendations Completed' indicate the percentage implemented successfully (data from ZAA). Breeding and transfer recommendations may not be successful for reasons beyond the control of individual zoos, and be regulatory, biological or expertiserelated. These tend to vary considerably between taxa. Results have also been shown for the past four years for comparison.

Recommendations Attempted and Completed



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# Appendices

## Appendix 1

CITES I species managed within Zoos South Australia collections (by Class, in alphabetical order by common name for easy reference).

## Reptilia

Fijian crested iguana	Brachylophus vitiensis
Madagascan tree boa	Sanzinia madagascariensis
Radiated tortoise	Geochelone radiata
Western swamp tortoise	Pseudemydura umbrina

Aves	
Hyacinth macaw	Anodorhynchus hyacinthinus
Nicobar pigeon	Caloenas nicobarica
Orange-bellied parrot	Neophema chrysogaster
Ostrich	Struthio camelus
Palm cockatoo	Probosciger aterrimus
Palm cockatoo	Probosciger aterrimus aterrimus
Razor-billed curassow	Crax mitu tuberose

## Mammalia

Addax Black rhinoceros Black lion-tamarin Brush-tailed bettong Cheetah Chimpanzee Cotton-top tamarin Fallow deer Giant panda Golden lion-tamarin Greater bilby Greater stick-nest rat Malayan sun bear Malayan tapir Mandrill Mesopotaminan Fallow Deer Nepalese red panda Przewalski's horse Ring-tailed lemur Siamang Sumatran orangutan Sumatran tiger White rhinoceros White-cheeked gibbon

Addax nasomaculatus Diceros bicornis minor Leontopithecus rosalia chrysopygus Bettongia penicillata ogilbyi Acinonyx jubatus jubatus Pan troglodytes Saguinus oedipus Oedipus Dama dama Ailuropoda melanoleuca Leontopithecus rosalia rosalia Macrotis lagotis sagitta *Leporillus conditor* Helarctos malayanus malayanus Tapirus indicus Mandrillus sphinx Dama mesopotamica Ailurus fulgens fulgens Equus ferus przewalski Lemur catta Symphalangus syndactylus Pongo abelii Panthera tigris sumatrae Ceratotherium simum simum Nomascus leucogenys

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## Appendix 2

Scimitar oryx

**Extinct in Wild** 

Species with Zoos South Australia collection listed in IUCN categories of most concern.

Oryx dammah

Tammar wallaby	Macropus eugenii eugenii
<b>Critically Endangere</b>	d
Addax	Addax nasomaculatus
Black rhinoceros	Diceros bicornis minor
Brush-tailed bettong	Bettongia penicillate ogilbyi
Cotton-top tamarin	Saguinus oedipus oedipus
Przewalski's horse	Equus ferus przewalski
Sumatran orangutan	Pongo abelii
Sumatran tiger	Panthera tigris sumatrae
White-cheeked gibbon	Nomascus leucogenys
Orange-bellied parrot	Neophema chrysogaster
Aruba Island rattlesnake	Crotalus durissus unicolor
Chinese three-striped box tortoise	Cuora trifasciata
Fijian crested iguana	Brachylophus vitiensis
Radiated tortoise	Geochelone radiata
Western swamp tortoise	Pseudemydura umbrina
Axolotl	Ambystoma mexicanum
Murray cod	Maccullochella peelii

## Endangered

African wild dog Australian sea-lion Black-lion tamarin Chimpanzee Giant panda Golden lion-tamarin Goodfellow's tree kangaroo Malayan tapir Matschie's tree kangaroo Mesopotamian fallow deer Northern quoll Pygmy hippopotamus Siamang Tasmanian devil Baudin's black cockatoo Chattering lory Gouldian finch Hyacinth macaw Regent honeyeater Swift parrot Elongate tortoise Pygmy blue-tongue lizard Woma python Southern bell frog

Lycaon pictus Neophoca cinerea Leontopithecus rosalia chrysopygus Pan troglodytes Ailuropoda melanoleuca Leontopithecus rosalia rosalia Dendrolagus goodfellowi Tapirus indicus Dendrolagus matschiei Dama mesopotamica Dasyurus hallucatus *Hexaprotodon liberiensis* Symphalangus syndactylus Sarcophilus harrisii Calyptorhynchus (funereus) baudinii Lorius garrulous Chloebia gouldiae Anodorhynchus hyacinthinus Anthochaera phrygia Lathamus discolor Indotestudo elongate Tiliqua adelaidensis Aspidites ramsayi Litoria raniformis

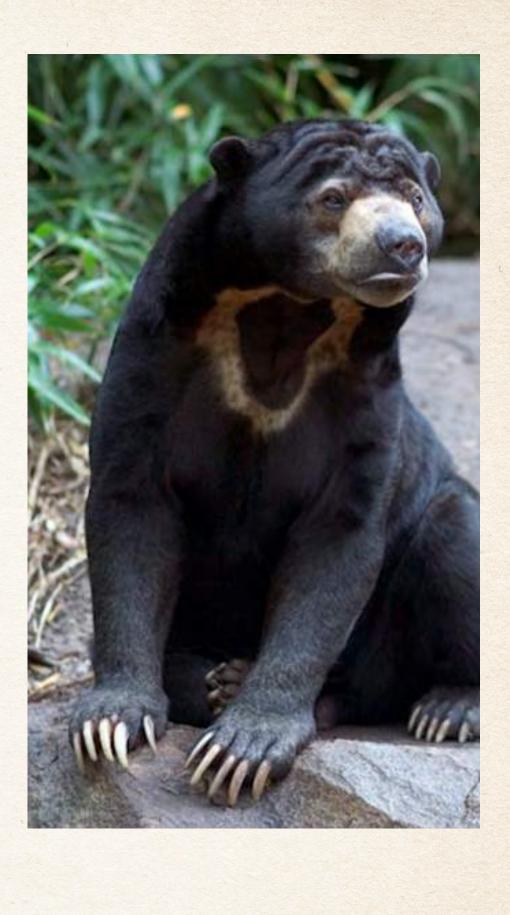
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#### Vulnerable

African lion Panthera leo senegalensis Barbary sheep Ammotragus lervia Arctictis binturong Binturong Brazilian tapir *Tapirus terrestris* Cheetah Acinonyx jubatus jubatus Common hippopotamus *Hippopotamus amphibious* Ghost bat Macroderma gigas gigas Greater bilby Macrotis lagotis sagitta Greater stick-nest rat Leporillus conditor Long-nosed potoroo Potorous tridactylus Malayan sun bear Helarctos malayanus malayanus Mandrill *Mandrillus sphinx* Nepalese red panda Ailurus fulgens fulgens Oriental small-clawed otter Aonyx cinerea Quokka Setonix brachyurus Double-wattled cassowary Casuaris casuaris johnsonii Green peafowl Pavo muticus Padda oryzivora Java sparrow Malleefowl Leipoa ocellata Superb parrot Polytelis swainsonii Aldabra tortoise Geochelone gigantean Broad-headed snake *Hoplocephalus bungaroides* Madagascar tree boa Sanzinia madagascariensis Spur-thighed tortoise Testudo graeca



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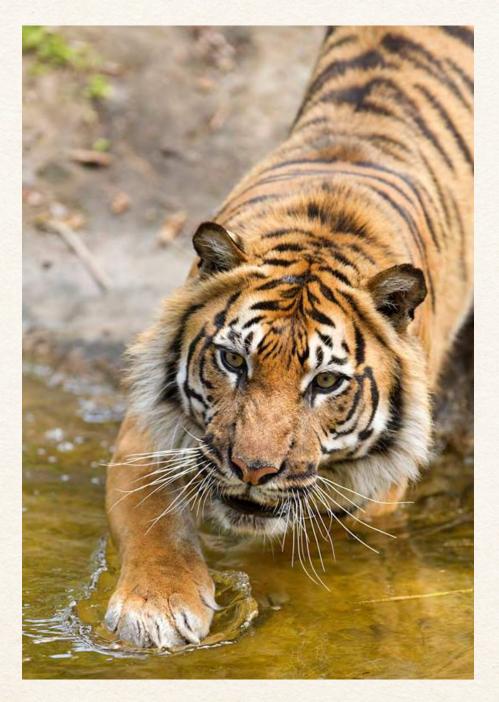
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## Appendix 3

Species within the Zoos South Australia collection managed under CP or PMP by the ASMP (by Class, in alphabetical order by common name for easy reference).

Hoplocephalus bungaroides
Brachylophus vitiensis
Pseudemydura umbrina



#### Aves

Black-winged stilt\*

# BrolgaDouble-wattled cassowaryFastern whipbirdLittle blue penguinMalleefowlNoisy pittaOrange-bellied parrotRegent bowerbirdRose-crowned fruit doveSacred kingfisherWhite-browed woodswallow

Himantopus himantopus leucocephalus Grus rubicunda Casuaris casuaris johnsonii Psophodes olivaceus Eudyptula minor novaehollandiae Leipoa ocellata Pitta versicolor Pitta versicolor Sericulus chrysogaster Sericulus chrysocephalus Anthochaera phhrygia Ptilinopus regina Halcyon sancta sancta

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#### Mammalia

Addax African wild dog Bongo Brush-tailed bettong Cheetah Chimpanzee Common hippopotamus Cotton-top tamarin Ghost bat\* Giraffe Giraffe Golden lion-tamarin Goodfellow's tree kangaroo Greater bilby\* Hamadryas baboon Lion Malayan sun bear Meerkat Nepalese red panda Northern quoll

Addax nasomaculatus Lycaon pictus pictus Tragelaphus eurycercus isaaci Bettongia penicillata ogilbyi Acinonyx jubatus jubatus Pan troglodytes Hippopotamus amphibius Saguinus oedipus Oedipus Macroderma gigas gigas *Giraffa camelopardalis* Giraffa camelopardalis rothschildi Leontopithecus rosalia rosalia Dendrolagus goodfellowi Macrotis lagotis sagitta Papio hamadryas hamadryas Panthera leo senegalensis/krugeri Helarctos malayanus malayanus Suricata suricatta Ailurus fulgens fulgens Dasyurus hallucatus

Oriental small-clawed otter\* Plains zebra Przewalski's horse Pygmy marmoset Quokka Ring-tailed lemur Scimitar oryx Serval Siamang Southern hairy-nosed wombat Squirrel glider Sumatran orangutan Sumatran tiger Tammar wallaby\* Tasmanian devil White-cheeked gibbon White rhinoceros Waterbuck

Yellow-footed rock wallaby\*

\* species for which the Species Coordinator is an employee of Zoos South Australia



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Aonyx cinerea Equus burchelli Equus ferus przewalski Callithrix pygmaea Setonix brachyurus Lemur catta Oryx dammah Leptailurus serval Symphalangus syndactylus Lasiorhinus latifrons Petaurus norfolcensis Pongo abelii Panthera tigris sumatrae Macropus eugenii eugenii Sarcophilus harrisii Nomascus leucogenys Ceratotherium simum simum *Kobus ellipsiprymnus* ellipsiprymnus Petrogale xanthopus xanthopus

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## Appendix 4

ASMP species studbooks managed by Zoos SA employees

					Management
Species		TAG	Employee	Position	Level
Broad-headed snake	Hoplocephalus bungaroides	Herpetofauna	Lindell Andrews	Species Coordinator	PMP
Black-winged stilt	Himantopus himantopus leucocephalus	Birds	Vaughan Wilson	Species Coordinator	PMP
White-browed woodswallow	Artamus superciliosus	Birds	Vaughan Wilson	Species Coordinator	PMP
Greater bilby	Macrotis lagotis sagitta	Native Fauna	Jodi Buchecker	Species Coordinator	CP
Yellow-footed rock wallaby	Petrogale xanthopus xanthopus	Native Fauna	Heather Guy	Species Coordinator	CP
Brush-tailed rock wallaby	Petrogale penicillata penicillata	Native Fauna	Lindell Andrews	Studbook keeper	Recovery Team only
Black-flanked rock wallaby	Petrogale lateralis	Native Fauna	Mick Post	Studbook keeper	Recovery Team only
SA mainland tammar wallaby	Macropus eugenii eugenii	Native Fauna	Jodi Buchecker	Species Coordinator	СР
Squirrel glider	Petaurus norfolcensis	Native Fauna	Lindell Andrews	Species Coordinator	PMP
Australian sealion	Neophoca cinerea	Native Fauna	Steve McKee	Studbook Keeper	MSP
Ghost bat	Macroderma gigas gigas	Native Fauna	Lucy Catt	Species Coordinator	PMP
Small-clawed otter	Aonyx cinerea	Exotic Fauna	Lindell Andrews	Species Coordinator	PMP

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Zoos SAa staff representatives on Species Recovery Teams

	Species		Region	Staff Member
	Pygmy blue-tongue lizard	Tiliqua adelaidensis	State	T. Morley
	Western swamp tortoise	Pseudemydura umbrina	WA state	T. Morley
	Orange-bellied parrot	Neophema chrysogaster	National	B. Backhouse
	Malleefowl	Leipoa ocellata	National	J. Buchecker
	Greater bilby	Macrotis lagotis sagitta	State	I. Smith, J. Buchecker, P. Cl
	S.A. Mainland Tammar wallaby	Macropus eugenii eugenii	State	D. Taggart, I. Smith, J. Bucl
	Black-flanked rock wallaby	Petrogale lateralis lateralis	State	P. Clark, I. Smith, D. Taggar
	Brush-tailed rock wallaby	Petrogale p. penicillata	State	D. Schultz, D. Taggart, L. A
	Yellow-footed rock wallaby	Petrogale x. xanthopus	State	L. Andrews (temporary)



Clark

ichecker, P. Clark

art

Andrews (Associate Member)

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## Appendix 6

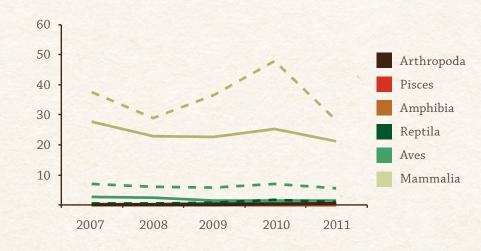
Change in Zoos SA collections over time (2007-2011) (Warrawong Wildlife Sanctuary not included as no historic data available)

a). Change in current specimen numbers compared with planned specimen numbers over time (where solid lines represent current numbers and broken lines represent planned numbers).

#### Adelaide Zoo

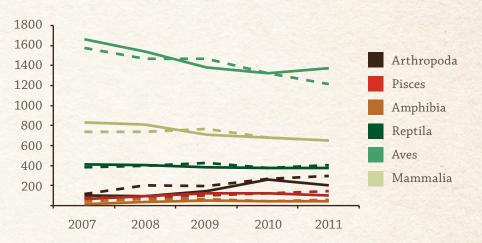


#### Monarto Zoo

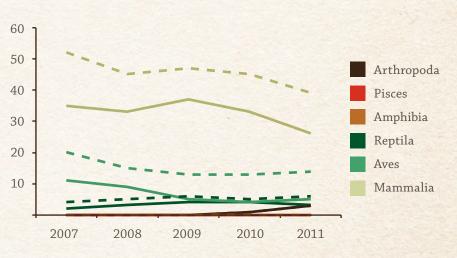


b). Change in current species numbers compared with planned species numbers over time (where solid lines represent current numbers and broken lines represent planned numbers).

## Adelaide Zoo



#### Monarto Zoo



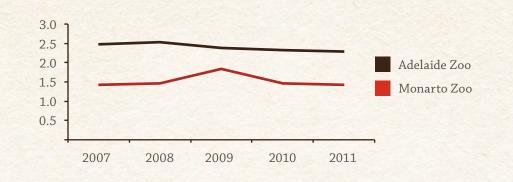
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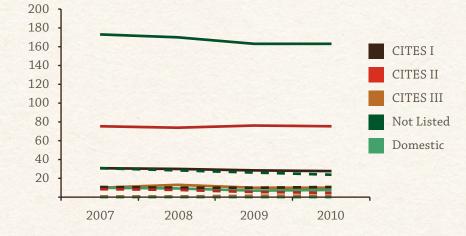
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c). Change in current species diversity over time.



d). Change in number of CITES listed species over time (where Adelaide Zoo is illustrated by the solid line and Monarto Zoo by the broken line).



e). Change in IUCN status of current captive collection over time, represented as a percentage of that population.





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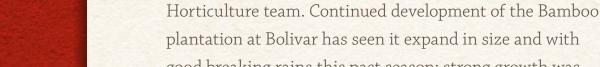




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good breaking rains this past season; strong growth was
recorded for all species under cultivation. Jason Copeland
(Bamboo Coordinator) has continued to collect bamboo from
private residences throughout the past year but with good
growth of the plantation over the next 12 months we hope
to become self sufficient in the very near future.

The past 12 months has been challenging for the

Horticulture

The internal green wall at the Sanctuary Function Centre was one area that has failed to live up to expectation and will be removed by November this year and relocated to the concrete wall surrounding the new family zone adjacent to the Wisteria Café. Whilst we had high expectation for this wall to become a feature of the function centre poor lighting and little ventilation has created a climate that would not sustain an internal garden. The relocation of this wall will enable the team to demonstrate to members of the public the wonderful attributes these walls can offer and having already established several outdoor walls located throughout the zoo we are confident that this will become a talking point of the general public who view it whilst enjoying a coffee at the new café precinct.



Members of the Horticulture Team are also now assisting with another of our properties - Warrawong, during the past six months team members are regularly conducting working bees to beautify the car park and surrounding front entrance. Dani Shallow has become a permanent weekly visitor leading a team of volunteers to start the enormous task of clearing weed species throughout the Sanctuary and eventually start the revegetation process to restore the original habitat.



In Adelaide there have been several areas re-landscaped with a view of continuing to maintain our high standards and offer the members of the visiting public the opportunity to immerse themselves in our beautiful garden setting. We now have the weather on our side after a prolonged drought period and plan to undertake quite a bit of remedial work over the coming months; so I ask that all you gardeners out there, get out and enjoy and "Happy Gardening"

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# Communications and Partnerships



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**Partnerships Community Partnerships** Fundraising Marketing Tourism Media Partnerships Membership And Animal Adoption Bequests Grants **Visitor Experiences Events Report** 

Volunteer Programs **Human Resources** 

**Financial Report** Admissions

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# **Communications**

#### Zoo Times Magazine

During the 2010 – 11 Financial Year there have been three editions of Zoo Times circulated to Zoos SA Members, viz July 2010, November 2010 and March 2011. The distribution has continued to increase due to the increase of Zoos SA Members. Advertising continues to be sold in the publication. The quantity of pages has increased from 28 pages to 32 pages to accommodate additional advertising, while still maintaining the same postage cost.

#### **Keeping Track**

Keeping Track is the internal communication sent to staff and volunteers via email; until June, 2011 this communication was emailed out monthly. In June this was changed to a weekly communication and is now distributed via a web mail delivery system. Internal communications now can be delivered more effectively and its readership can be tracked.

#### Zoos SA E-newsletter

The e-newsletter is now emailed monthly, on average, to 17,500 Zoo Members, Animal Adopters and Zoo Friends.

Throughout the year the top three clicked links from the articles were:

- 1. Animal Enrichment Day 910 clicks, highlighted in the June 2011 edition
- 2. Unique Christmas Gifts 869 clicks, seen in November and December 2010 editions
- 3. A Tiger with Webbed Feet blog 786 clicks, seen in March 2011 edition



## **Online Activities**

The Zoos SA website received 539,316 visits throughout the year. The top three pages viewed were:

- 1. Adelaide Zoo homepage 286,981 views
- 2. Monarto Zoo homepage 102,299 views
- 3. Adelaide Zoo entry tickets 93,830 views

The Giant Panda website received 111,911 visits. Adam Internet Panda Cam received 59,647 views.

#### Social Media

Zoos SA has moved into social media as a new way to communicate with our audience and visitors. Our current Twitter site has some 2,500 followers and our Facebook site has some 3,000 followers. This new form of media allows for efficient interaction with our supporters and can direct people to our new videos and updates.

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# Partnerships

Zoos SA has continued to receive the tremendous support of all the corporates who partnered the Society in the previous financial year when the acquisition of the Giant Pandas proved a draw card. They have been joined by additional companies keen to provide help, either in kind and/or financial. With in kind values factored in, sponsorship exceeded that of last year. Zoos SA has enjoyed the friendship and collaboration of all partners and expresses grateful appreciation to all those who have journeyed with us in the past year.

The Giant Panda's activities were streamed to the outside world via Adam Internet Panda Cam and recorded for subsequent behavioral research by the keepers as Wang Wang and Funi celebrated their first full year at Adelaide Zoo. Power used in the summer months to cool them was supplied by an impressive array of solar panels installed by AGL on the roof of their day rooms and supplemented by AGL green power. An AGL supplied visual display screen in the visitor area of the Bamboo Forest showed the rate of conversion of sunlight to energy and the methodology is described on their sign in the chilled rock area of the Bamboo Forest.

The beautiful exhibit built by Hindmarsh and designed by Hassel continues to thrill visitors as the vast clumps of bamboo begin to thrust upwards to provide more shade during the summer months. Irrigation is carefully monitored and channeled via specialist equipment provided throughout Adelaide Zoo by Toro who have sponsored the Red Pandas. Out at Bolivar, the land provided for use by SA Water and fertilized by Neutrog supports an enormous bamboo plantation to ensure a plentiful supply of bamboo in the future. A collection of bamboo from private estates continues to be collected in Bamboo Mobiles sponsored by Neutrog and The Event Shop.

Preparations have been underway for the next exciting phase of the Giant Pandas at Adelaide Zoo. Funi needed to undergo training for ultrasound examination of her abdomen should successful mating with Wang Wang have occured in spring and such close proximity required a specialist designed and fabricated training cage. Mayfield Industrial & Services Division (part of Leighton Contractors) supplied the stainless steel, consumables and supervision and a young man called Nick Atkinson gave up his Christmas and New Year holiday entitlement to build it. It is now in regular use behind the scenes with both Pandas who are so keen to get into it, that it has to be moved away.

The training cage can be seen when attending a Boileau Business Solutions VIP Giant Panda Tour. Angelique Boileau has kindly extended her sponsorship of Behind the Scenes Animal Experiences at Adelaide Zoo to include both Giant Panda animal encounters and the Red Pandas which are also located in the Bamboo Forest.

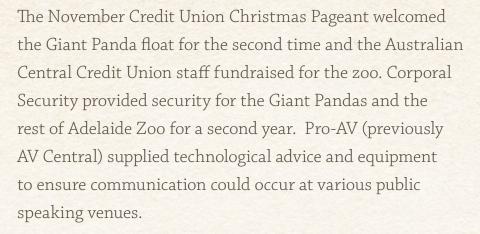
Imagination Ventures managed the licenses and merchandise developed from their bespoke Wang Wang and Funi style guide and Jarvis Subaru continued to provide the zoo with a Subaru decorated with Wang Wang and Funi characters and bamboo. Haigh's Chocolates continued to sponsor the Giant Pandas within the zoo and sell chocolate pandas with a sales related donation to Giant Panda conservation in all their stores. Haigh's Chocolates also support the endangered native Bilby breeding program.

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Showpony Advertising submitted insightful advertising campaigns and provided invaluable assistance with the development of the Strategic Plan.

MIMP ensured the connection of Adelaide Zoo, Monarto Zoo and Warrawong Wildlife Sanctuary which required innovative skills such as camouflaging microwave dishes in trees, in order to gain permission to mount them in appropriate locations. MIMP have sponsored the Wombats at Adelaide Zoo and the meaning of their company initials can be seen on the sign at the exhibit. Subnet joined as a sponsor and work closely with MIMP to improve our IT capabilities. ETSA maintained its sponsorship of the ETSA Connection Forecourt in the multiple award winning front entrance precinct at Adelaide Zoo. Banners on the wooden poles, generating sound-scape for visitors approaching the zoo, herald their sponsorship together with garden bed signs closer to the ticket office. Functions are now being booked to occur on the ETSA Connection Forecourt as it establishes itself as a venue for Adelaide with the unique and beautiful backdrop of the green wall.

The Premier, Mike Rann opened the stunning Santos Conservation Centre (SCC) late November and Santos celebrated with a reception followed by a night zoo staff party throughout Adelaide Zoo. The Santos Conservation Centre has held an impressive number of exhibitions, workshops, theatre and functions throughout the year. Santos is working with Zoos SA to build on this success and to develop the SCC into a resource centre for the public.

Westpac sponsored Bubbles and Brew in November, the inaugural Wild Fusion fundraising event, raising monies for the Warru in February, and Brief Animal Encounters throughout the year.

McDonald's sponsored the Zoomobile for a second year extending their sponsorship to uniforms for the Zoomobile staff and a portable photographic printer to allow staff to leave children and the elderly with a reminder of their visit.

URS have provided much needed equipment for both the reptile house and the Envirodome and Adpack have donated a large supply of paper bags for holding animal food for sale to the public at both Adelaide Zoo and Warrawong Wildlife Sanctuary.

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Golden North have not only sponsored Adelaide Zoo and our conservation projects but also worked to become totally palm oil free throughout their entire range. They are now the sole supplier of ice-cream to Zoos SA helping us to achieve our awareness raising of the palm oil issue with the general public.

Coca-Cola Amatil continued their sponsorship of both Adelaide and Monarto Zoos and the re-erection of the weather proofing large umbrellas over the new plaza at the central café at Adelaide Zoo.

Peats Soil & Garden Supplies provided the deep layer of mulch (1 metre) in the base of the indoor Chimp Exhibit at Monarto. The mulch allows the development of a microenvironment to minimize required cleaning. They also prepared and sold Panda Poo & Friends (soil enricher) and provided sales commission. Peats Soil & Garden Supplies continue their sponsorship at Adelaide Zoo this year.

ZEN Commercial Energy supported the installation of a phenomenal Solar Tracking Farm at Monarto Zoo. The three huge solar panels follow the sun throughout the day, generating 40% more power than normal solar panels and returning energy to the grid to continue to provide funds for conservation into the future.

McMahons have designed, built and donated a structure at the Painted Dog facility at Monarto which will aid an ongoing research project and provide safe and effective management of the dogs in the long term. Suzuki supported the Tassie devil breeding program at Monarto and the two fleet vehicles decorated with conservation messages for Tassie devils and rhinos; these vehicles can be seen across the three properties. Pro Paint n Panel has reviewed the health of the zoo fleet of cars at Monarto and Adelaide Zoos.

Beach Petroleum supports out-reach projects conducted by the Science and Field Team.

Advanced Nets & Ropes have enabled the purchase of netting for the Warru breeding yards behind the scenes at Monarto.

Coriole Wild Wine sales of their special label Sangiovese for the Corroboree frog provided donations to linked conservation projects. The wine is available for collection at all three sites and can be ordered on line or in the on-site retail stores.

Davies Stewart Consulting donated recruitment advice and Frontier assisted with the provision of the software system to ensure our staff are paid. Travel Associates, a division of Flight Centre became a partner and are managing the booking of staff flights and accommodation, thus saving staff time and money. Grazer provided a year of document, asset management and maintenance to facilitate the efficient management of the property at Adelaide Zoo.

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Zoos SA contributed to the community in the following ways in the past year:

### **Community Partnerships Program**

The Community Partnerships Program initiated this year is a collaboration from Zoos SA with selected representatives from the NGO sector with the aims of:

- Making the Zoo accessible to participants from a range of disadvantaged backgrounds that could never afford to visit;
- Fostering a deep relationship between disadvantaged individuals and families to have a lifelong relationship with the Society by identifying individuals who may engage in work experience and employment in the future (in a similar way to the Indigenous trainees already working at Monarto).

The steering committee, including Zoos SA staff, is formed from the following five charities:

- 1. Anglicare
- 2. United Care
- 3. Salvation Army
- 4. St Vincent de Paul
- 5. Centacare

**Phase 1** has been to organize Wednesday afternoon visits after 2.30pm (a time of low visitation to Adelaide Zoo) for people from each of the five charities to access the zoo for a gold coin donation.

The people/families are identified by the charities as those that would not normally be able to afford to access the zoo.

**Phase 2** of the program is planned as a more intensive experience for some fathers and their children who attend Phase 1. This will consist of ten fathers plus their children to attend Warrawong Wildlife Sanctuary for a dinner and night walk in one month and subsequently to stay overnight in the second month (not too long to elapse between each experience). The aim is to build the relationship between the fathers and their children in gentle stages in a semifamiliar environment.

# Santos Conservation Centre

The Centre was officially opened by Santos on 10 November and is situated in the free public space external to the entrance to Adelaide Zoo. No charge is made for the public to enter the gallery space and view the regularly changing exhibitions or interactive displays. The aim of the building is to connect people with nature via a range of different mediums and is available for community use and access. The list of exhibitions held in the past year is provided in the events section within this document.

# Donations to School/Community and Charity Groups in South Australia

A total of \$55,724 worth of passes or vouchers were donated to other Not for Profit charities to assist with their fundraising activities. These are mainly used as auction or silent auction prizes.

Community Partnerships – 1 of 2

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# Discounted/Subsidised Entry

Community groups wishing to hold special group attendance days at Adelaide Zoo have been provided with up to 75% discount on normal entry price.

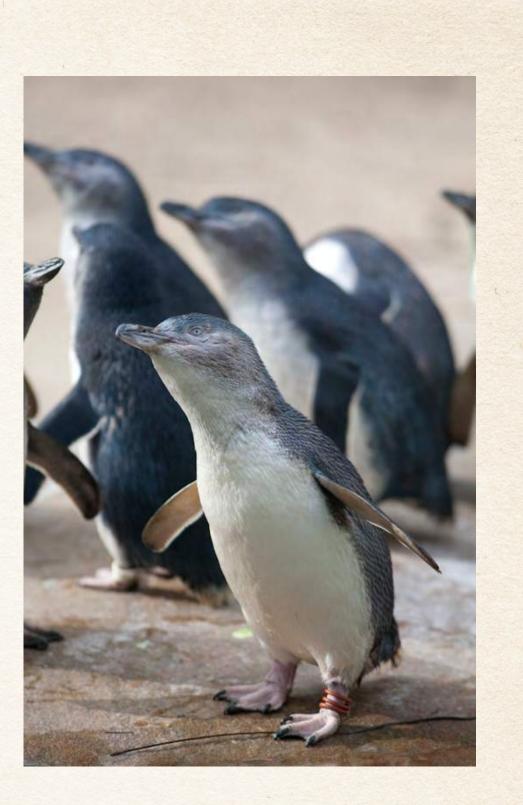
# Indigenous Programs

Zoos SA has significant involvement in a range of indigenous programs at its three properties and in the field. These programs require staff commitment and resource provision.

A group of indigenous students from the Kalumburu Remote Community School were provided with environmental education and work experience at Adelaide as part of the Federal Government Jobs Fund Kimberley Project.

'Wild Africa' at Monarto is home to the Aboriginal Learning on Country Program that for the second time this year brought four indigenous trainees to gain work experience and a Certificate 2 in Conservation and Land Care. The qualifications have led to employment elsewhere. In the future it is hoped that they may gain long term employment within the 'Wild Africa' project.

The land at Warrawong Wildlife Sanctuary was purchased by the Ngarrindjeri people when Zoos SA purchased the business. Zoos SA is collaborating with the Ngarrindjeri to develop the Warrawong Dreaming Program, providing work experience and training opportunities. The retail store at Warrawong Wildlife Sanctuary stocks a range of Ngarrindjeri art and craft and Zoos SA is assisting them in the development of additional products.



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Fundraising activities during the year varied from distinct mailing campaigns through to an inaugural fundraising dinner.

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Soft appeals were included with the mailing of Zoo Times (thus saving the cost of direct mail) to every member and subscriber in July, November and March for the Animal Health Centre, Orangutans and Chimpanzees respectively.

A direct mail targeted animal adoption campaign in November and Life Membership drive were also conducted to successfully raise funds. The following people adopted Giant Pandas in this financial year:

Ms Lauren Aubert Ms Jacqueline Matters Mr Murray and Mrs Anne Ness

The Bubbles and Brew annual fundraising event in November drew a larger crowd than the previous year with 982 attendees. February 2011 saw the inaugural Wild Fusion fundraising dinner with 152 guests enjoying dinner prepared by Simon Bryant and entertainment under the stars on the Central Lawn of Adelaide Zoo.

More intimate fundraising events such as breakfasts with the Giant Pandas (142 people across four events) and the Valentine's Day Breakfasts and dinners (54 couples) also proved extremely popular. In June a joint fundraising event with the Jane Goodall Institute, with Jane Goodall, DBE, as the speaker at the Adelaide Showground was a sellout.

The Adelaide Zoo Members Activity Group held a range of fundraising functions and events on behalf of the Society and distributed funds to a selection of projects across all properties. The Society is indebted to the ongoing hard work and support of all the Volunteers.

Zoos SA is extremely grateful to Paul and Bronwyn Smith (The Scott Smith Family Trust) for the Lisa Roet Chimpanzee finger sculpture that they donated in memory of their children. The sculpture will be located in the public space at the Adelaide Zoo entrance.

Many individuals and companies made donations to the zoos across the year, particularly in June 2010 and the Society would like to thank each and every one of them for their support.

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# Marketing

2010 – 11 has seen a shift from general tactical marketing activity throughout the year to a more focused quarterly campaign structure. This approach generates greater cutthrough, is more efficient and enables cross functional collaboration to produce integrated marketing solutions. This methodology will be greatly enhanced into the future.

In addition to the introduction of quarterly campaigns, the need for integrated marketing across all disciplines has become a priority. Developing campaigns which include traditional marketing, online, PR, and other teams such as visitor experience, membership/sponsorship and events gives us the opportunity to promote the same message at the same time.

To reflect this approach the areas of Public Relations and Online were restructured and integrated into the Marketing team within 2010 - 11.

The key quarterly campaigns implemented during the year included the introduction of four female chimps to Monarto. This campaign was designed to raise awareness of Monarto Zoo and provided consumers with a compelling reason to visit. The chimps arrival was effectively used to raise awareness for Monarto Zoo in general. The marketing activity included heavy Public Relations and an integrated above the line campaign including bus backs, full page press advertisements and posters. The campaign also employed a significant web presence to drive consumers to book admission tickets on-line.





The campaign resulted in increased levels of attendance at Monarto Zoo and significant PR exposure of the new female chimps arrival to the group.

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To highlight another example, the 'Re-Member me' quarterly campaign was specifically designed to raise awareness of membership. Although some external marketing took place the zoo retail locations were utilised to effectively promote the benefits of becoming a member of the charity. This campaign included the introduction of semi-permanent banners within Adelaide Zoo, traditional print media, creative displayed on-site via LCD monitors, online advertising and the use of audio messages at the front entrance.

Towards the end of the financial year saw the launch of a campaign designed to cross promote the zoos within the zoo environments. Effectively Monarto Zoo was heavily promoted within Adelaide Zoo and visitors to Monarto were targeted with Warrawong Wildlife Sanctuary communications. Given visitors to the zoos are already engaged with our brand and conservation work, the use of on-site marketing to raise awareness of the other locations made strong commercial sense. This campaign continued into the 2011 – 12 financial year.

In addition to ongoing tactical marketing throughout the year, 2010 – 11 has seen much work going on behind the scenes to address the strategic marketing objectives of the charity. Much of this work has derived from the strategic planning process implemented during the year, and focuses on clearly communicating to customers (and wider audience) who we are and what we stand for. The results of this work will be seen during 2011 – 12 and will aim to address and clarify several misconceptions. Fundamentally, the aim is to raise awareness of the charity behind the zoos, communicate the massive amount of conservation work carried out by the charity and seek greater donations and sponsorship.



Visit as often as you like

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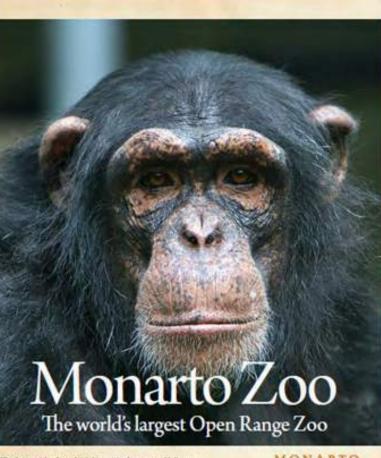
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Over the past year there has been a greater focus on the tourism market, in particular the interstate and international markets.

Contracts have been signed with 20 wholesale agents and inbound operators who specialize in the more lucrative interstate and overseas markets. We are seeing a positive result with steady increases in visitors from Victoria and NSW and promising growth and enquiry from Asia, China and Europe/UK.



- 45 minutes drive from Adelaide on the freeway to Melbourne
- 10 Minutes from the famous River Murray and local accommodation
   Experience Tons, thins, giraffe, chestah, African wild dogs and much
- Spectacular chimpanzee habitat in the Australian bush
- Ju-Loop tus service to 5 magnificent. Wildlife Viewing Platforms
- Wild Africa, get up close and personal on one of many Behind the Scene Experiences
- Café & Eistro dining
- Extensive Visitor Centre
- · Fil and Group transfers available
- B Link a visit with Adelaide Zoo and Warrawong Wildlife Sanctuary



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www.zoonat.com.au

Les Penley and Steve Callery attended the Australian Tourism Exchange trade event held in Sydney in April 2011 and were able to conduct pre-arranged, face-to-face interviews with just over 100 travel agent/buyers from around the world. This is the largest travel trade event held annually in the Southern Hemisphere and will become a regular activity for us. Positive bookings have already resulted from this investment with Monarto Zoo and Warrawong Wildlife Sanctuary creating a great deal of interest from New Zealand, Chinese and Asian agents. As accommodation and other packages are developed, these specialist products will be in demand from these markets.

We now have regular business from the broader interstate Coach Touring / Group markets and expectations are that substantial growth can be expected from this sector for Monarto and Warrawong in particular.

A new level of cooperation and support is being developed with the South Australian Tourism Commission and this will significantly enhance our market profile and dissemination of information to selected markets.

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Zoos SA received significant publicity during 2010 – 11 with continuing media interest in, and support for, the Giant Pandas. This was reflected in the media coverage surrounding their birthday celebrations in August and again for the twelve month anniversary of the pandas' arrival at Adelaide Zoo in November.



Another key media story included the arrival of four female chimpanzees from the Netherlands in October, which received coverage across all mediums. This provided excellent exposure for Monarto Zoo and its new state-of-the-art chimpanzee habitat.

Jane Goodall's visit in June attracted high levels of media. The most widely reported story during this time was her visit to Monarto Zoo's chimpanzees to officially unveil the name of the exhibit - 'Jane Goodall Chimpanzee Conservation Centre'. The Jane Goodall Cocktail Party at the Santos Conservation Centre and the Zoos SA Youth Summit featured strongly in print and online. Warrawong Wildlife Sanctuary presented several publicity opportunities, including segments in Network Ten's Totally Wild and on All About Animals on Channel 44. Warrawong also featured in travel media as an attractive eco-tourism destination.

Thank you to our media partners; Channel Seven for their support at Adelaide Zoo and Channel Nine for their support at Monarto Zoo. Thank you also to Network Ten, The Advertiser, Sunday Mail, FIVEaa, ABC Radio and MixFM for their ongoing support.

Our ability to monitor our media has developed significantly with the use of the Media Monitors Mediaportal – an online media data collection and analysis system. Since using the Mediaportal we have been able to monitor print media for the first time. The monthly Media Report now includes comprehensive data from all mediums represented in graphs and charts.

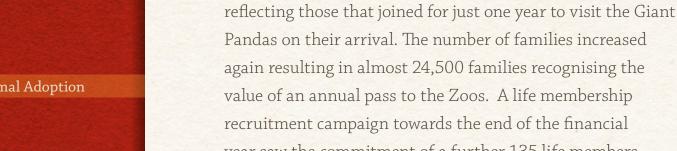
Thanks to all staff and volunteers who have contributed to media opportunities and have been a source of ideas and inspiration for these stories. Public Relations drives visitation to our properties and plays a key role in helping the public understand our efforts in conservation, education and community outreach programs.

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year saw the commitment of a further 135 life members taking the total to 1861. The focal point for membership in Adelaide Zoo moved from the Heritage Hut (inside the zoo) to the Santos Conservation Centre (outside the zoo) so that visitors could join as members before entering the zoo. For those whose decision to join is made whilst touring the zoo, membership can be purchased at any of the retail stores across all sites. Members also continue to renew and join up via the Zoos SA website.

Membership And Animal Adoption

At the end of the 2011 financial year there were 29,738

members, an overall increase of 711 from the previous year.

There was a decrease in the number of single adult, single

student and single children annual memberships probably

The new database (Thank Q) for zoo supporters, including members has now been in use for just over one year and the Relationships Team continues to review data input and extraction processes in order to achieve maximum data accuracy and integrity.

Prospect data entered onto the database and an offer to receive an email newsletter (without being a member) has led to 17,500 people receiving the monthly Zoo E-Newsletter. Thus member only offers and information about upcoming events are promoted to non-members to encourage recruitment.

All members are mailed three times per year with the Zoo Times magazine, carrying details of member only events including the Members Tour that occurs each month. All members are invited to attend these tours.

The number of people adopting animals increased in the last year with individuals and schools showing the most significant increases. Adoption drives, including integrated marketing campaigns (website, Zoo E-newsletter, promotional screens within the zoo) combined with baby animals have assisted the recruitment of animal adopters.

The number of corporate members and companies also grew as corporates combined a search for staff incentives with a desire to support the Society.



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SOUTH AUSTRALIA



Animal Adoption	n <b>2011</b>	2010	
Individuals	851	735	
Schools	30	13	
Clubs/Companies	56	52	
TOTAL	937	800	



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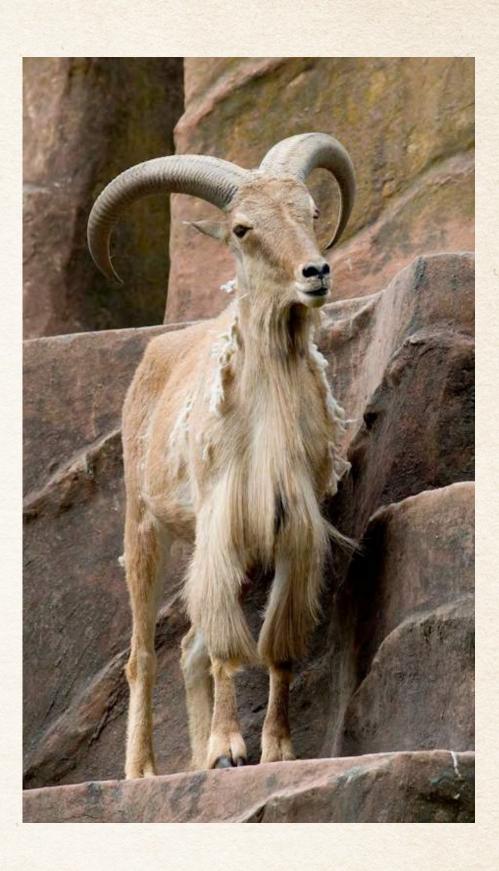
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Over 20 people have contacted the zoo in the past year to inform that they have decided to include a gift to the Society in their Will, with some funds being directed to Warrawong Wildlife Sanctuary. Some individuals, realising that a Will provides them with the final opportunity to have an impact on the future have requested additional information regarding the direction and work of the Society; a FAQ document has been produced in response. In addition to phone and letter, many individuals and lawyers have made contact through the Zoos SA website or via email proving these methods acceptable in terms of confidentiality. The bequest booklet produced on recycled paper still continues to receive good feedback. Several older bequests have translated into gratefully received funds in the past year with one of the donors asking for the bridge to the cheetahs at Monarto to be dedicated to his late wife. In Memoriam plaques on benches and trees have been purchased at both Adelaide and Monarto Zoos. General advice on preparing a Will, a standard format of wording and drafting of specific wording for individuals wishing to support a particular site or project is available on request from the Bequest Officer. All potential bequestors are encouraged to have an ongoing relationship with Zoos SA in their lifetime in order to avoid potential contesting of their Will after their death. Every enquiry is treated confidentially and can be conducted by email, phone or in person at Adelaide Zoo.



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Members of Staff have pursued grants in many different areas including revegetation, aboriginal employment, re-introduction/conservation and tourism development. With funding sources reduced in the community, many NGOs are submitting highly competitive applications and decision making by the grant providers subsequently a drawn out process. However Zoos SA has been successful in most applications.

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The Conservation Programs have had a big year with grant funded projects with more than \$1 million coming in to support a range of projects across the country. This included funding for on-going projects and relationships such as annual funding for yellow-footed rock wallaby work at Aroona from Alinta Energy, a second instalment of support from Beach Energy, continued support from the Ian Potter Foundation for brush-tailed rock wallaby work in the Grampians, along with payments for the Federal Government Jobs Fund Kimberley project.

Several new projects and relationships were also funded including; red-tailed black cockatoo conservation in the SE with the local NRM Board, restoration work at Monarto funded by Murraylands NRM and Caring for our Country, wombat distribution and abundance work funded by DENR and Murraylands NRM, Tasmanian devil captive breeding with University of Tasmania and continuing work on developing the Centre for Wildlife Health from the Ian Potter Foundation. Wild Africa received funding from the Department of Education, Employment and Workplace Relations and the South Australian Murray-Darling Basin Natural Resources Management Board to support the employment of a supervisor and a further four aboriginal trainees. A further grant to support revegetation using native species was also received from the Eastern Hills & Murray Plains Catchment Group.

Zoos SA has continued their membership of the Our Community SA Easy Grants listing and this is used to research grants across a broad range of areas such as those above and also the arts, festivals (for the Santos Conservation Centre), equipment, tourism development and education.



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# **Visitor Experiences**

The Visitor Experience Department has continued its focus on developing and enhancing quality visitor experiences across the three Zoos SA properties.

One of the major changes in 2010 – 11 for the Visitor Experience Department was the addition of Warrawong Wildlife Sanctuary in partnership with Ngarindjerri Enterprises. All existing Warrawong staff from the previous owners of the property were maintained and the year was a consolidated approach to commence development of a masterplan for the property and enhancing the visitor experiences available. Enhancements included:

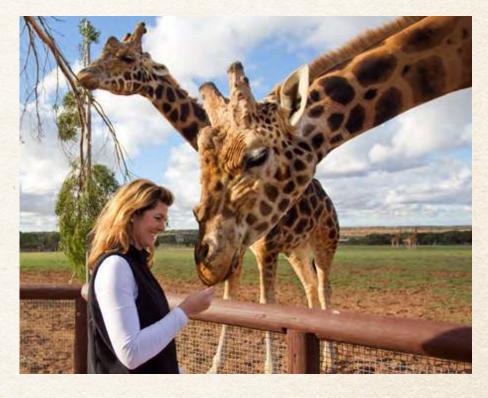
- Re-developing the Café menu to provide for more local Adelaide Hills selection of food and beverage
- Developing a Palm Oil free café and menu
- Re-developing the daily Animal Show presentations to provide a more educational experience about living with native wildlife in our backyards
- Establishing two Volunteer groups. 'Warrawong Bushies' - assist in the Sanctuary weed control and vegetation programs. 'Warrawong Rovers' - provide assistance to visitors in education of the sanctuary and its wildlife
- Introduction of a range of retail items made from sustainable sources

# Behind the Scenes Animal Experiences and Brief Animal Encounters

Behind the Scenes and Brief Animal Encounters again proved to be incredibly popular and a wonderful way to educate visitors in regards to the zoo's conservation programs. There were two new additions to Behind the Scenes experiences at Monarto Zoo in 2010 – 11 including Meet the Chimps and off limits Giraffe Safari. The Giraffe Safari provides an incredibly special opportunity to hand feed the off limits Bull Giraffes from a purpose built feeding and viewing area.

Almost 7,000 visitors participated in Behind the Scenes Experiences at both Adelaide Zoo and Monarto Zoo and approx 2,100 visitors participated in Brief Animal Encounters offered at Adelaide Zoo. Enhancements to the on-line booking system have seen online bookings increase to around 60% of total Behind the Scenes bookings.

Warrawong Wildlife Sanctuary had 12,730 participants in the educational animal shows and received 5,833 participants in guided Nocturnal Walks.



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# Wild Customer Hub

The Zoos SA Wild Customer Hub operating from Adelaide Zoo has continued to grow. Fully trained staff are able to offer information and take bookings for zoo experiences seven days a week. A team of staff willing and able to assist, who are also familiar with all three properties has been established. The Wild Customer Hub managed approximately 30,000 calls during 2010 – 11 Financial Year.



# Visitor Enhancements

- Monarto Visitor Centre received an internal upgrade
- Development and production of a new visitor information handout for Monarto Zoo
- . handout for Warrawong Wildlife Sanctuary
- Internal upgrade to Warrawong Bush Cabins (bedding and linen)
- Upgrade to Warrawong overnight school facility (tents and bedding)
- Zoos SA attended Australian Tourism Exchange for interest in Zoos SA properties from international tourism operators
- Development of a Monarto Zoo Day Tour with local operator, Prime Mini Tours



Development and production of a new visitor information

the first time (largest international travel trade event in Southern Hemisphere) which has resulted in increased

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# **Events Report**

During the past 12 months, the Events Team has grown, taking on the job of managing the zoo's private function enquiries as well as the management of the Santos Conservation Centre towards the last part of the financial year. It's been an incredibly successful 12 months! Below is a snapshot of all the public events and activities that we've managed during this time.

# Corporate Zoo Hire

# Launch events

Exhibit / Attraction	I
AGL Solar Panels Launch	В
Cocktail Party	A

Chimpanzee Finger Sculpture Unveiling with Dr Jane Goodall, DBE

Organisation	Details	Date
United Way Family Night zoo	Adelaide Zoo. United Way gather sponsorship to give children and their families the opportunity to visit Adelaide Zoo. In the past, the group has come during normal business hours, but were convinced to hire the Zoo exclusively this time around. It was a huge success for the group!	Sunday Novem
Santos Corporate Christmas Party Night zoo	Adelaide Zoo. Corporate night zoo as part of their sponsorship agreement.	Friday Novem
Christmas Party for Special Children	Adelaide Zoo. Once again the Christmas Party for Special Children was held at the zoo. The zoo is closed to the general public until mid-afternoon to facilitate the event.	Saturda Noveml
SDA Corporate Night zoo	Adelaide Zoo. Shop Distributors Association hires the zoo each year for their members.	Sunday Februa:
SDA Corporate Night zoo	Adelaide Zoo. Shop Distributors Association hires the zoo each year for their members.	Monday Februar

. . . . . . . . . . . .



## Location

Bamboo Forest, Adelaide Zoo

Forecourt, Adelaide Zoo

#### Date

Tuesday 3 August 2010

Tuesday 14 June 2011

# Attendance

ay 7 mber 2010 2,100 people

2,700 people

4,500 people

y 19 mber 2010

day 27 mber 2010

ay 6 1ary 2011 2,500

lay 7 ary 2011 2,500

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# Mini Events / Activities

Event	Details	Date	Attendance
Giant Panda Birthday Celebrations	Adelaide Zoo. Attendance-driving event. Various activities in the zoo to drive visitation. Free Panda Party activities on Central Lawn on Sat 28 and Sun 29 August.	Monday 23 August – Wednesday 31 August 2010	Unknown – captured in general admissions reporting
Team Wild – Sunday Mail City to Bay	External location. Awareness event. Zoo supporters could join the zoo's Team Wild team in the City-Bay. Each received a free zoo t-shirt and BBQ breakfast at finish line.	Sunday 19 September 2010	Exceeded our expectations with 250 participants
Howling Halloween – Boo at the Zoo	Adelaide Zoo. Attendance-driving event. Special night zoo event, including trick or treat trail, games, entertainment and special animal experiences.	Sunday 31 October 2010	Almost 2,300 people attended – almost double last year's attendance! Mostly members
Board Cocktail Party	Adelaide Zoo. Awareness event. Special cocktail party to celebrate Christmas season and to thank our supporters and suppliers.	Wednesday 1 December 2010	150 people
Wild @ Night Late night openings	Adelaide Zoo. Attendance-driving event. Zoo kept open for extended hours until 8pm.	Friday nights in January 2011	Unknown - captured in general admissions reporting
Breakfast with the Giant Panda events	Adelaide Zoo. Fundraising event. Intimate breakfast events in the Bamboo Forest.	Every Saturday morning in January 2011	142 people attended the breakfasts across all four events
Enrichment Day	Adelaide Zoo. Attendance-driving event. Special event showcasing enrichment and how important it is for our animals.	Saturday 26 February 2011	Unknown - captured in general admissions reporting
Playgroup Day	Adelaide Zoo. Attendance-driving event. Playgroup SA puts on special entertainment and activities for Playgroup SA members. Playgroup members can enter at a discounted rate.	Wednesday 23 March 2011	Unknown - captured in general admissions reporting
World Tapir Day Breakfasts	Adelaide Zoo. Awareness event.	Saturday 30 April and Sunday 1 May 2010	31 people
Roots and Shoots and Zoos SA Youth Summit	Adelaide Zoo. Awareness event. To coincide with the visit of Dr Jane Goodall,DBE, to SA.	Wednesday 15 June 2011	140 students and teachers from SA schools
School holiday activities	Attendance-driving programs during each school holiday period.	July, October 2010, Dec/Jan 2010 - 11 and April 2011	Unknown - captured in general admissions reporting

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Event	Details	Date	Attendance
Bubbles and Brew @ the Zoo	Adelaide Zoo. Fundraising and Awareness event. Wine and food event, featuring live entertainment. Targeting young professionals.	Friday 3 December 2010	982 people at the e Another increase or year's event
Wild Fusion GalaAdelaide Zoo.FundraisingFundraising event.DinnerInaugural Gala Fundraising Dinner. Held under the stars on the Central Lawn.		Saturday 12 February 2011	152 people
Valentine's Day Breakfasts	Adelaide Zoo. Fundraising event. Breakfasts for two in intimate locations within the zoo and in the Rotunda.	Sunday 13 February 2011	24 couples
Valentine's Day Dinners	Adelaide Zoo. Fundraising event. Romantic Dinners for two in intimate locations within the zoo and in the Rotunda.	Monday 14 February 2011	30 couples
Public Lecture with Dr Jane Goodall, DBE	Ridley Centre, Adelaide Showground. Fundraising and Awareness event. Public Lecture to coincide with the visit of Dr Jane Goodall, DBE, to SA.	Monday 13 June 2011	1400 people
Jane Goodall Institute Cocktail Party	Adelaide Zoo. Fundraising event for JGI Australia. Cocktail Party with entertainment and auctions.	Tuesday 14 June 2011	120 people



# Profit / Loss

event. on last \$8,000 profit

Just under \$30,000 profit

Both breakfast and dinner events raised a total of just over \$9,000

Refer Above

\$11,500 profit

\$15,500 profit – for Jane Goodall Institute Australia

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# Santos Conservation Centre Activities

Event	Details	Date	Attendance
Staff – nature art exhibition	Exhibition. Featuring Zoos SA's staff works	June 2010	n/a
Indigenous Art Exhibition	Exhibition. To coincide with NAIDOC Week	July 2010	40 people at launch event
SALA Exhibition	Exhibition. Launch and art sales.	31 July – 28 August	80 people at launch event
SciWorld	Science activities	3 - 22 September 2010	n/a
Frogs - activities	School Holidays activities.	25 September – 10 October 2010	n/a
Trees for Life exhibition	Exhibition. Photography	18 October - 15 November 2010	n/a
Santos Conservation Centre Launch event	Official Launch of the Santos Conservation Centre building.	Friday 19 November 2010	
Fandango & Friends – Jos Valdman exhibition	Exhibition. Launch event and art sales.	9 December 2010 – 10 January 2011	50 people at launch event
Art of Nature	Exhibition. Touring photography competition winners	12 Jan to 10 Feb 2011	n/a
CreativiTV (Fringe)	Performance.	19, 20, 24, 25 February 2011	150 adults
Euro Diva (Fringe)	Performance.	2 – 6 March 2011	500 adults
Mr Beaver (Fringe)	Performance.	5, 6 March	68 Children
Roger Roberts Nest Series	Exhibition. As part of Fringe Festival. Art sales.	17 February to 14 March 2011	n/a
Hairy Nose – Itchy Butt	Exhibition. Art and book sales.	17 March to 2 May 2011	160 people at launch / PR events
Apes – exhibition by Lisa Roet and Angela Black	Exhibition. Art sales.	14 June to 28 July 2011	80 people at the launch event

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# Volunteer Programs

Our list of Volunteer Programs within Zoos SA continues to grow and support our important conservation efforts. With Zoos SA's operations now extending to Warrawong we were thrilled to introduce two new volunteer programs to Zoos SA in November 2010 – Warrawong Rovers and the Warrawong Bush Brigade (Bushies).

Our Rovers assist in enhancing the Visitor Experience at Warrawong by providing information about the Sanctuary, wildlife conservation and Zoos SA; this may be via commentary on the walking tracks, static guiding at set locations or interpretation of touch tables. We have a small but very dedicated group of 'Rovers' at Warrawong and we will continue to recruit in this new program area as it's proving very rewarding for the volunteers and their assistance and knowledge is very well received by visitors to the Sanctuary.

The Warrawong Bush Brigade (Bushies) are also a small but very dedicated group who assist each Wednesday to restore and conserve the remnant vegetation of the Sanctuary, this includes weed eradication, planting, pruning, seed collecting and propagation and general cleaning on site. The work of the Bushies was certainly made that little bit easier with our successful grant application for equipment through the Volunteer Support Grant from the Office for Volunteers. We were successful in obtaining \$1,000 which enabled us to purchase a wide range of tools including, wheelbarrows, a garden cart, multi folding ladder and platform, secateurs, rakes, shovels, weeders, pruning saw, buckets, bins and protective gloves. The equipment is very helpful for the Bushies to assist with the revegetation project at Warrawong. Our Mallee Minders and Pot-A-Zoo Volunteers have given valuable assistance to the Zoos SA Horticulture Dept and our volunteer numbers have continued to increase across the properties, including Wild Africa. During this period we have introduced the Mallee Minder Restoration group to assist with the Mallee Restoration project headed by Briony Horner at Monarto.



Our Information Volunteers and Guides across Adelaide and Monarto Zoos have done an outstanding job to provide our ever increasing number of visitors with information and enjoyable tours along with assisting with New Member Tours, Afterhours Walks and Offsite Speaking requests. We have also continued our partnership with the University of Adelaide with students completing the Guide Course at Adelaide Zoo and actively volunteering.

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The Adelaide Zoo Members Activity Group and the Monarto Zoo Function Team have once again provided their many popular and usually sell-out functions for the Members of Zoos SA. While fundraising is not the main aim of these functions, there are many projects across both properties that benefit from funds made at these functions.

BEEZA (Behavioural & Environmental Enrichment for Zoo Animals) Volunteers have continued their important work by providing the zoo animals with amazing enrichment items, these have also been highlighted during the successful Enrichment Days held at Adelaide Zoo during this period.

Zoo Youth and KidZclub have again proved very popular with Zoos SA younger members and volunteers continue to provide stimulating and fun activities. Our Zoo Youth have been able to participate in activities across Monarto Zoo and Warrawong Wildlife Sanctuary and we thank staff for assisting.

We have many more volunteers assisting in areas involving children and these programs include the Zoo Education Volunteers who lead school groups on tours at Adelaide Zoo, the Children's Zoo Volunteers who supervise the visitor interactions in the Barn Area and the Zoomobile Volunteers who assist Education staff with off site visits. These are important programs as our volunteers are assisting with the education of our future conservationists. Our educational specimens for the Zoo Education Department and touch tables at Adelaide, Monarto and Warrawong are of course provided by our talented Cadaver team and they have continued to work very hard to keep the items at the highest quality.

# 2011 Volunteer Week Celebrations

Our annual Volunteer Week 'cocktail party' was held on the evening of Thursday 12 May in the Santos Conservation Centre. It was a good turn out and a great evening was had by all.

This year our RZSSA President, Kevin McGuinness recognised two individuals who have made an outstanding volunteer contribution at Adelaide and Monarto Zoos.



The 2011 'President's Award' was presented to Barb Jesser (Adelaide Zoo) and Betty August (Monarto Zoo). Barb and Betty both give a huge contribution to Zoos SA and were both very surprised with their awards.

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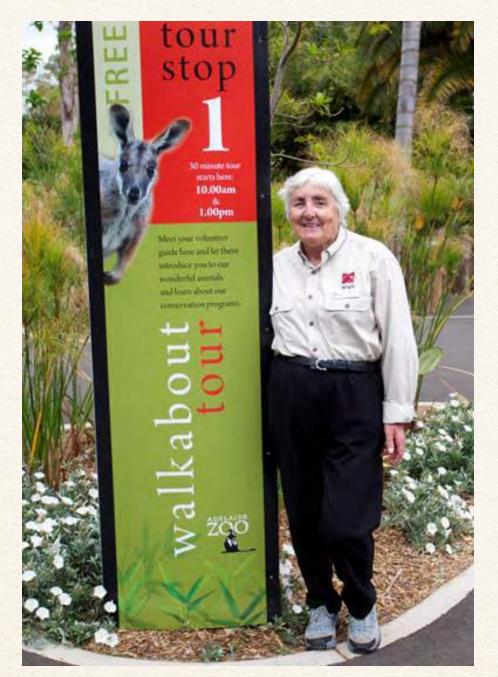
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All volunteers attending the night were presented with a National Volunteer Week commemorative pin '2011 Inspiring the Volunteer in You'. We also had some great door prizes.

The Zoos SA Volunteer Representative Group (VRG) represents the Volunteers of Zoos SA in the distribution of funds raised through the Volunteer Programs. These funds are raised through events such as, Member Functions, Off Site Speaker Engagements, Raffles and After Hours Walks.



Funds raised during 2010 - 2011 have supported:

- Animal Health Centre
- Macaws at Adelaide Zoo
- Adelaide Zoo Education data equipment
- Monarto Zoo Rhino Keepers
- Chimpanzee facility
- Solar hot water for Indaba Education facility
- Mallee Fowl project
- Volunteer facilities and equipment
- Tasmanian Devil Conservation Program

This past year has once again reinforced the importance of volunteer contributions to Zoos SA. The efforts of the Zoos SA Volunteers is tremendous and our volunteers continue to support all areas of Zoos SA by enhancing the visitor experience, providing support to Education and Keepers, enrichment items for our zoo animals, activities for our younger members, functions for members, assisting with revegetation and by spreading the conservation messages.

A sincere THANK YOU to all our Volunteers

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# Human Resources

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# Human Resources

Staff numbers have grown significantly and the HR team has increased to provide a more comprehensive service. The team has increased from 2.6 FTE to 3.5 FTE, which equates to a ratio of around one HR Employee per 59 staff. As a result of this growth Zoos SA is no longer reliant upon external training providers or consultants for annual services, such as year end.

#### The Team

Vicky Whiteway

Andrea van de Water

Mardi Nickels

Melissa Pfeiffer

Peter Collins

# Human Resources Manager, MaHRM, CAHRI Training and Development

Coordinator

Payroll Coordinator

Payroll Assistant

Occupational Health and Safety Coordinator, Grad Dip OHSM

# Areas of Responsibility

The team work closely with staff and line managers and are responsible for:

- Employee and Industrial Relations
- Human Resource Management
- Occupational Health, Safety and Welfare
- Payroll
- Training and Development
- Workers Compensation

# **Employee and Industrial Relations**

The changes to the Enterprise Bargaining Agreement improved terms and conditions for those staff involved and added business flexibility as desired. Increased provisions of Maternity and Paternity leave are above requirements and pay tribute to our family friendly ethos. The agreement incorporates many of the changes that were a requirement of the Fair Work Legislation and existing policies and procedures have been reviewed.

It has been 12 months since the acquisition of Warrawong. Zoos SA has been reviewing systems and processes and we are working towards full business integration.

The new Child Safety Legislation requires Zoos SA to maintain a child safe environment; therefore we have processes in place to ensure this happens. All of our staff are now required to provide a National Police Clearance and these will be renewed every three years; it is a requirement of a new employee to provide these prior to commencement of employment.

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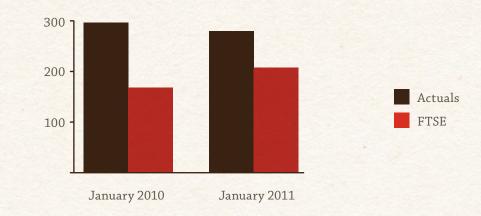
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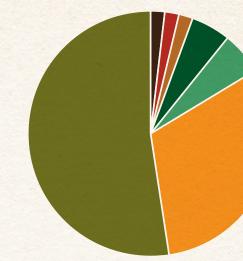
# Human Resource Management

Staff numbers increased as Zoos SA added resources as a result of acquiring the operations of Warrawong Wildlife Sanctuary and grant funded projects such as Aboriginal Learning on Country (ALOC) Program and Conservation Programs. On 20 June 2011 the figures are:



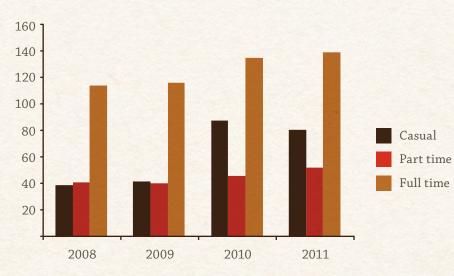
The breakdown of staff in relation to the discipline for which they are employed.

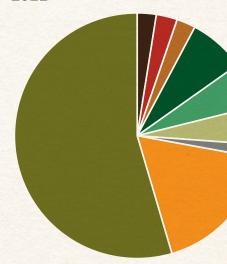
2010



2011

In many areas there has been a review of 'casual' contracts. Where possible these have been replaced with Part Time contracts, to show our commitment to our employees and provide job security.





The organisational chart has been published internally and serves as a useful tool.

Directors Marketing Wild Africa Administration & Human Resources Education Visitor & Retail Life Sciences



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## Occupational Health and Safety

2010 – 11 statistics show a continuing improvement in the lost time injury frequency rate at both Adelaide and Monarto Zoos, which is encouraging. The increased awareness of risks by staff and managers through participation in the Job Dictionary process and familiarisation with the new claims process are attributed to this improvement. Warrawong Wildlife Sanctuary results are included for the first time, but should be read with consideration of the size of the team that make individual workers compensation cases appear more significant.

During the past year Adelaide Zoo participated in the SafeWork SA Improvement Program that included an audit and review of the Zoo's OHSW Management systems and its legislative compliance by Inspectors from SafeWork SA. This resulted in the development of a 'Safety Action Plan' to address any areas of concern.

#### Employee Injury Statistics

		Hours	Hours					
	LTI	Worked	Lost	MTI	FAI	NH	LTIFR	LTI (%)
Adelaide Zoo	2 (7)	253707 (251586)	1664 (3842)	5 (15)	62 (66)	23 (14)	7.88 (27.82)	0.66 (1.53)
Monarto Zoo	2 (3)	88988 (93436)	82 (91)	6 (4)	42 (44)	21 (32)	22.48 (32.11)	0.09 (0.1)
Warrawong	1	19498	308	1	1	0	51.3	1.58
Cumulative Total	5 (10)	362192 (345022)	2054 (3933)	12 (19)	105 (110)	44 (46)	13.8 (28.98)	0.57 (1.14)
Number in herelate alete	. 2000 10							

Numbers in brackets relate to 2009 - 10

After a period of review we were successful in completing the actions to the satisfaction of the Inspector and were removed from the program. A routine inspection of our 'Rehabilitation and Return to Work' activities was undertaken by an external examiner. Again, Zoos SA was commended for our policies activities and records.

During the year we successfully applied for a grant of over \$20,000 from Employers Mutual for two projects, firstly the upgrading of our Job Dictionaries at Adelaide and Monarto and the inclusion of Warrawong Wildlife Sanctuary. The second project was for the development and printing of P.A.W.S. Hazard Report Books; these are pocket sized report books to complement the 'Pause and Work Safe' program to be rolled out in 2011. Both projects are underway.

A complete review of OH&S is underway which includes a program of exhibit risk assessments and safety drills across all three sites.

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Visitor Incident Statistics

	Incidents	No. of Visitors	Visitor Incident Frequency Rate (VIFR)
Adelaide Zoo	46	448341	20.52
	(70)	(471050)	(29.72)
Monarto Zoo	18	112422	32.02
	(44)	(111647)	(78.82)
Zoos SA	64	560763	22.83
	(114)	(582697)	(39.13)

Numbers in brackets relate to 2009 – 10

## Payroll

The payroll system has been updated to not only reflect the changes brought about by the New Enterprise Bargaining Agreement but to aid in better reporting information for Managers. The organisation structure has been implemented into the payroll software to provide more informative reports to direct line managers. Additional software allows the organisational chart to be maintained within the Payroll system.

Other improvements are being made to the payroll system to be able to use the software to its full functional capacity. These improvements include:

- Realignment of payroll in March enables one payrun to be processed per fortnight
- Recording of Licences held by employees within Payroll system to aid in renewals required
- Improved reporting of management information

# Training and Development

We have been busy developing and implementing a comprehensive staff development plan in anticipation of the Strategic Plan launch. A range of supporting training has already been delivered, including: Management Development, Customer Service, Conflict Resolution, Performance Appraisals, IT support and OHS including Armed Hold Up. A rolling 12 months program is in place and incorporates both internal and external training. The review and restructure of the Performance appraisal system saw the launch of Performance Development Plans with a key focus on aligning personal objectives with the Strategic Plan and Departmental objectives. Training sessions and coaching has been provided for managers. Accredited training program opportunities are currently being reviewed and access to additional funding through the Training & Apprenticeships scheme is being investigated through ATEC (Adelaide Training and Employment Centre).

Reinvigoration of the Induction program has assisted in the speedy assimilation of new employees and gave an understanding of our aims, objectives and the essential knowledge required. Feedback has been positive and this is improving the business knowledge of your employees from the outset.

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# Workers Compensation

The HR Manager, Vicky Whiteway is the nominated Rehab and Return to Work Coordinator for Zoos SA. Zoos SA continues to work closely with Employers Mutual and external partners, including NN Associates, who jointly supported the review of the Job Dictionary. We are working to ensure a comprehensive risk management strategy and a proactive approach to Workers Compensation. The number of cases remains static, despite increasing number of employees. The Job Dictionary has proved a valuable tool in assisting Zoos SA to minimize risks and manage rehabilitation and return to work for injured employees. We continue to use this to underpin our Functional Capacity tests and manage our return to work program and this will be supplemented by a program of manual handling training linked specifically to the zoo and the duties performed.

## **Glossary of Terms**

Public Incident An incident that involved a member of the public either individually or as a group, this may or may not have lead to an actual injury.
 LTIFR Lost Time Injury Frequency Rate = No. of Lost Time Injuries / Number of Hours Worked x 1,000,000.

VIFR

Visitor Incident Frequency Rate = No. of Visitors involved in incident / No. of Visitors x 1,000,000, this measure is a calculation developed to provide some quantifiable measure of how well we look after the safety of our visitors.



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# Admissions

## Adelaide Zoo

Paid admissions decreased by less than 5% but member admissions increased by 12% reflecting the continued increase in membership with over 400 new families joining in the past year. Free admissions fell, largely due to fewer paid visits by families with children under four. Education numbers are lower than the previous year (but more consistent with prior years) and this is a consequence of an elevated school group attendance in 2009 – 10 after the arrival of the Giant Pandas. The success of the new function centre (the Sanctuary) and the Santos Conservation Centre as venues together with a focus on venue promotion led to a 90% increase in function and event attendance.

Approximately 29% of visitors were from out of state, with over 7% international guests demonstrating the attraction of the Giant Pandas.

	2011	2010	Variance
Admissions (Paid)	272,098	285,209	-4.6%
Education	55,596	66,320	-16.2%
Members	81,232	72,715	+12.0%
Other Admissions (Free)	39,415	46,806	-15.0%
Functions	37,041	19,541	+90.0%
TOTAL	485,382	490,591	-1.0%

Total attendances for the last five years were:

09/10	08/09	07/08	06/07	05/06
490,591	369,549	370,410	400,790	380,940

# Monarto Zoo

A decrease in paid admissions of over 3% but a significant 32% increase in membership admissions was observed. The number of free visits appears to have increased but is largely the redemption of the successful Two Zoos Pass purchased at Adelaide and the attendance of Under 4s. Education numbers dropped by 26%, in some part a reflection of the increased bus costs associated with overnight student visits but consistent with a biannual trend. Despite this there is an overall increase of 1.2% of visitations compared to the previous year. Function attendance figures supplied by Red Jam are included in this report for the first time and show a significant increase of over 33% compared to the previous year.

	2011	2010	Variance
Admissions (Paid)	64,913	67,423	-3.7%
Education	11,352	15,479	-26.0%
Members	24,171	18,310	+32.0%
Other Admissions (Free)	11,986	10,435	+15.0%
Functions	2,502	1,872	+33.7%
TOTAL	114,924	113,519	+1.2%

Total attendances for the last five years were:

09/10	08/09	07/08	06/07	05/06
111,647	111,844	107,602	105,504	86,863

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The RZSSA purchased the Warrawong Wildlife Sanctuary business on 30 June 2010 so admission figures are not available for the prior financial year. The success of the restaurant with almost 19,000 meals served (coffee only not included) combined with nocturnal or dusk walks, conference or function attendance has resulted in over 41,000 recorded customers at Warrawong in 2011. Education and Accommodation attendance records commenced in February and March 2011 respectively. An estimated 12 month figure is provided in parentheses.

	2011	2010	Variance
Shows	12,730	N/A	
Walks	5,833	N/A	
Meals	18,755	N/A	
Education *	1,571 (3770)**	N/A	
Accommodation**	432 (1296)**	N/A	
Other	1782	N/A	
TOTAL	41,103 (44,166)**		

\*only recorded from Feb 11 \*\* recorded from March 11 (estimated 12 month figures)

# **Government Assistance**

The Board of the Society acknowledges and appreciates the ongoing financial support from the South Australian Government for both recurrent expenditure and contributions to capital programs.

The Society received an additional two million dollars from the South Australian Government during the 2010 - 11 financial year, which is an advance on the 2011 – 12 grant.



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# Staff (as at 30 June, 2011)

Addams V Akerman G L Allon J E C Andrews L M Arbery R J Armstrong E Armstrong P Ashton G W Austin R G Backhouse B Baltussen N E Barclay K Barry D L Barszczowska N K Bassham-Bert M I Bavaresco C G Bennett A J Bigwood S Bird J Bishop N J Bishop R L Black A M Boardman K J Boland M D Bonney E A Booker S K Bowden A J Bradey K S Brewer M T Bright A M Brock E C Brooks G F Brown S J Brumfield A Buchecker J A Buckler A Burford G L Burford J M Bush R M Butler C Butters D Callery S J Carney T M B Carter E L Cartwright M R Case T Catt L A

Chalmer V Chapman C A Chauncy A N Church R J C Cini N Clark P B Collicelli P Collins P H Connolly J R Copeland J W Cronin M L Cronin N G Crutchett J V Daly M Davey S De Silva M L Dechellis J Della J Dewhirst RA Diercks K J Dodd H C Drabsch L A Driver F A Ellen J A Evans M A Famiglietti N Feeley N J Fewster A J Fisher S J Foley J Folland K L Foote J S Foster W K Frederick L S Frith M G Gardiner L I Gardner J W Geister C L Gilfoy E F Gilfoy R A Gilfov S Godschalk M L Goldfinch J Grant S L Grenfell J R Guy H R Guy M J

Habel S G Haensel K L Hakof D H Hakof J P Hall S Hambly J S Hammond M M Hanley L Hardy S J Harradine T J Hay W Hayes L M Hayes T Hayward A A Hearn D R Henderson N A Hicks G L Hoare C L Hoare L Hodson T J Hollamby J L Horner B R Howard A C Howlett H J Huddleston L K Hughes J A Hunt K L Hunter J Hurley T Ind R D Intarakhamhaeng N Ireland K Jagodnik V M James A W James B M James M Jefferies M Jenkins H A Jenkins T J Johnson L M Johnson M C Jones J T Jones M H Kalvas J Kats H Kent L P Kuhnert D P

Laing M B Lang M E Langley J N Langley N J Law L A Leese A Lloyd M Longbottom K D Lovett M R Lugg J G MaZ Mac Kinnon J M Macchia E M Mackenzie A D Madon H Males K G Manning B C Manuel T L Margrie K A B Marta J B Mcculloch S A Mcdonald K I Mckee S J Mclelland D J Mclelland J M Mcpherson J Mcpherson M N Meakin N H Mertens M Messner T L Mifsud A Miller D Miller N A Mills M Modra P S Moffitt J D Moore J C Morgan D H Morley T P Morris A M Morris D R Morrison J Morrison J D Morrison L Moser L Murphy L A Muscardin S A

Neindorf A M Nettelbeck P K Nickels M A Nielsen T A Norman M D O'callaghan L E Ochsenham C Olds L G M Olijnyk J M Oliver A S Ormsby L Papantoniou S E Parker M J Parsons A J Partyka S A Partyka S L Pederson M K Penlev L J Pike B J Pillow A H Placanica S E Pohl B E Post M Potter L Povner M A Probert R J Richardson D W Richter M L Robinson J Romer C J Rowe S A Rushworth C L Russell V J Russo T Rvan C M Ryles N D Saliba D J Sansone H K Schultz D Schulz J K Seidel J M Sgobino K L Shallow D M Shanahan M W Sharp S G Skipper G Smith A J

Smith I G Smith J R Smith M J Sparrow E E Speck C R Spencer C J Stapleton P J Stevens T K Still E V Stockburger L E Stow T M Sundblom N Taggart D A Taylor H M Teoh C R Thoman G A Thomas C M Thomas R J Tilgals K B Tomkinson N A Turnbull A S Twigg B J Van De Water A C Vaughton B K Vodic L M Wade E H Ward E Washford S K Wells R J West C D West D Westlake G Whitehead P Whiteway VA Whitford H R Wignall C L Wilson V K Winen N S Yengi E D Yorath W Younger S Zadow K L Zirkel L A

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President Heather Caddick July – November 2010 (3)\*

Kevin McGuinness November 2010 – Current (10)\*

His Excellency Rear Admiral Kevin Scarce AC CSC RANR

**Government** Nominees Mia Toscano - until Mar 2011 (3)\*

**Zoo Patron** 

Governor of South Australia

Patron

Vicki Linton – until March 2011 (5)\*

Susan Close - Government Observer (1 meeting) Government Representative (2 meetings) (3)\*

Gerard MacDonald - Government Observer (1 meeting) Government Representative (2 meetings) (3)\*

**Elected Members** Nicholas Newland AM (7)\*

Clive Watts (10)\*

Rodney Hobbs (9)\*

Vice President Carla Litchfield (6)\*

. . . . . . . . . . . . .

Co Opted Board Member Shane Daniel – November 2010 (1)\*

Elected Employee Representative Wayne Yorath - Staff Representative (until Nov 2010) (3)\*

Lea Kent - Staff Representative (from Dec 2010) (7)\*

Non-Board Members Mr Neil Killmier (Secretary)

\* Denotes number of meetings each Board Member has attended

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# **Publications**

Andrews, L., Bigwood, S. & Barlow, S., (2010) The reintroduction of the yellow-footed rock-wallaby (Petrogale xanthopus xanthopus) to the northern Flinders Ranges, South Australia (Australia). In: Global Re-introduction Perspectives: additional case studies from around the globe: 215. P. S. Soorae (Ed.). IUCN/SSC Re-introduction Specialist Group, Abu Dhabi, UAE.

Bengsen, A. J., Leung, L. K., Lapidge, S. J. & Gordon, I. J. (2010a) Artificial illumination reduces bait-take by small rainforest mammals. Applied Animal Behaviour Science, 127.

Bengsen, A. J., Leung, L. K. P., Lapidge, S. J. & Gordon, I. J. (2010b) Developing target-specific baiting methods for feral pigs in an omnivore-rich community. Vertebrate Pest Conference, 24.

Eason, C. T., Fagerstone, K. A., Eisemann, J. D., Humphrys, S. T., O'Hare, J. R. & Lapidge, S. J. (2010) A review of existing and potential New World and Australasian vertebrate pesticides with a rationale for linking use patterns to registration requirements. International Journal of Pest Management, 56.

Johnston, G. R. (2011) Growth and survivorship as proximate causes of sexual size dimorphism in peninsula dragon lizards Ctenophorus fionni. Austral Ecology, 36, 117.

Johnston, G. R., Read, J. & Morley, T., (2010) Trial reintroduction of the woma python in northern South Australia. In: Global Re-introduction Perspectives: 2010 Additional case studies from around the globe. P. S. Soorae (Ed.). IUCN/SSC Re-introduction Specialist Group, Abu Dhabi, UAE.

Lapidge, S. J., Eason, C. T. & Humphrys, S. T. (2010) A review of chemical, biological and fertility control options for the camel in Australia. The Rangeland Journal, 21.

Litchfield, C. (2010) Saving Tigers. Fitzroy, Victoria, Australia: Black Dog Books.

Litchfield, C., Dorrian, J., Davis, J., Lushington, K. & Dawson, D. (2011) Lessons in Primate Heat Tolerance: A Commentary Based on the "Human Zoo" Experience. Journal of Applied Animal Welfare Science, 14, 162.

Muscardin, S., (2010) Zoo libraries conservation program. In: inCite, newsletter of the Australian Library and Information Association.

Paplinska, J., Corrigan, T., Austin, J., Eldridge, M. &
Taggart, D. A. (2010) Using DNA from museum specimens
to preserve the integrity of evolutionary significant unit
boundaries in threatened species. Conservation Biology, 144,
290.

Pearson, E. L., Davis, J. M. & Litchfield, C. A. (2010) A case study of Orangutan and Siamang behavior within a mixedspecies zoo exhibit. Journal of Applied Animal Welfare Science, 13, 330.

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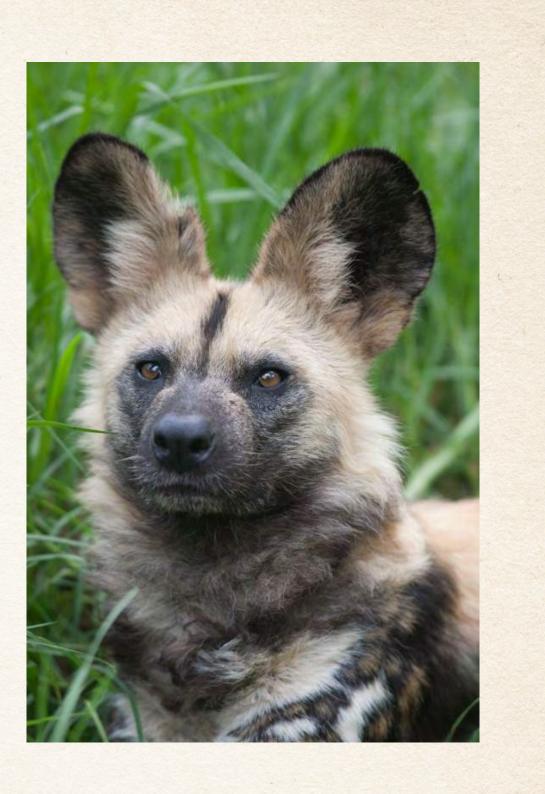
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Smith, B. P. & Litchfield, C. A. (2010) How well do dingoes, Canis dingo, perform on the detour task? Animal Behaviour, 80, 155.

Sparrow, E. & Taggart, D., (2011) Southern Hairy-nosed Wombat. In: Hairy Nose Itchy Butt. E. Frankel & G. Duncan (Eds.). Jane Curry Publishing, Edgecliff, NSW.



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## Presentations

Arbon, K. L., Ostendorf, B. & Taggart, D. A., 2010: Sarcoptic mange in wombats: The spatial distribution of Sarcoptes scabiei in south eastern Australia, Australian Mammal Society, Canberra.

Corrigan, T., Taggart, D. A., Rudolph., Beddgood, E., Frey, S., Clausen, L., Stevens, M. & Bramwell, M., 2010: Determining resource availability and habitat suitability prior to a translocation of brush-tailed rock wallabies, National Rock Wallaby Symposium, Canberra.

Habel, S., 2010: Giant Pandas Down Under, Chinese Committee of Breeding Techniques for Giant Pandas, Fuzhou, China.

Hanley, L. & Rowe, C., 2011: Australasia's Newest Chimpanzee Group, Australasian Society for Zoo Keepers, Adelaide.

James, B., 2011: Warrawong Wildlife Sanctuary: A safe haven for rare and endangered animals, Australasian Society for Zoo Keepers, Gold Coast, Australia.

Lapidge, S., Wishart, J., Staples, L., Fagerstone, K., Campbell, T. & Eisemann, J., 2011: Development of a feral swine toxic bait (HOG-GONE<sup>™</sup>) and bait hopper (HogHopper<sup>™</sup>) in Australia and the USA, Wildlife Damage Management Conference

Lugg, J., 2011: From little things big things grow, Zoo Aquarium Association, Sydney. Lugg, J. & Shallow, D., 2010: From little things big things grow, Green roof conference, Adelaide, Australia.

McLelland, D., Johnson, L., Boardman, W. & Reuter, R., 2010: Fatal cutaneous mycosis in a broad-headed snake (Hoplocephalus bungaroides) caused by the Chrysosporium anamorph of Nannizziopsis vriesii, Wildlife Disease Association (Australasian Section).

Potter, S., Cooper, S., Taggart, D. A., Metcalfe & Eldridge, M. D., 2010a: Phylogenetic analysis reveals multiple divergent lineages within Petrogale., National Rock Wallaby Symposium, Canberra.

Potter, S., Eldridge, M. D., Cooper, S. & Taggart, D. A., 2010b: Phylogeography of the Brachyotis group with recognition of two species within Petrogale brachyotis, National Rock Wallaby Symposium, Canberra.

Rowe, C. & Hanley, L., 2011: Chimpanzee management... evolve and thrive!, Zoo Aquarium Association, Sydney, Australia.

Ruykys, L., Ward, M. & Taggart, D. A., 2010: Do rock wallabies just like rocks? Modelling the distribution of Warru in the Anangu Pitjantjatjara Yankunytjatjara (APY) Lands, SA, National Rock Wallaby Symposium, Canberra.

Sharp, A., Copley, P., Bignall, J., Carthew, S., Taggart, D. A., Van Weenan, J., Johnson, G., Smith, I., Swales, J. & Kemp, L., 2010: Survival of reintroduced South Australian mainland tammar wallabies, Australian Mammal Society, Canberra.

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Smith, M., Lapidge, S., Wishart, J. & Staples, L., 2010: The development of HOGGONE®, a new lethal control option for the management of feral pigs in Australia, Queensland Pest Animal Symposium, Gladstone, Australia.

Sparrow, E., 2011: Distribution, abundance and management of the southern hairy-nosed wombat in South Australia, National Wombat Conference, Albury, Australia.

Speight, N., Haynes, J., Breed, W. G., Taggart, D. A., Boardman, W. & Rich, B., 2010: Eucalypts as a possible source of oxalate for koalas suffering from oxalate nephrosis, Australian Mammal Society, Canberra.

Taggart, D. A., Corrigan, T., Schultz, D., Stevens, M.,Dobroszczyk, D., Beddgood, E., Paplinska, J. & Rudolph,G., 2010: Reintroduction of the Brush-tailed rock wallabyinto the Grampians National Park, Victoria, National RockWallaby Symposium, Canberra.

Ward, M., Clarke, A., Dent, A., Partridge, T., Van Weenan, J., Read, J., Taggart, D. A., Copley, P. & Urban, R., 2010: Distribution, status and community involvement in the conservation of Warru in the Anangu Pitjantjatjara Yankunytjatjara Lands of South Australia, National Rock Wallaby Symposium, Canberra.



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# **Student Involvement**

Postgraduate Research Students 2010-2011

### Commencing honours students

Shelly Anderson "Management of the weed seed bank for revegetation" (University of Adelaide)

Jemima Avery-Gale "Disease aspects in Antechinus die-off" (University of Melbourne)

Lucy Catt "Seasonal breeding patterns in southern-hairy nosed wombat" (University of Adelaide)

Casey Harris "Toxoplasmosis occurrence in baited and non baited zones of the Grampians National Park" (University of Adelaide)

Chris Malam "Using GIS to understand past and future brush-tailed rock wallaby range in the Grampians National Park" (University of Adelaide)

### Completed honours students

Jillian Ryan – "Behaviour of and enclosure use by Giant Pandas" (UniSA)

### Commencing PhD students

Lynley Johnson – "Giant Panda reproduction and health in the Southern Hemisphere" (Murdoch University)

### Commencing PhD students

Jenny Molyneux "Measuring abundance of Mulgara" (University of Adelaide)

Casey O'Brien "Translocation in the southern-hairy nosed wombat" (University of Adelaide)

Jillian Ryan "The Giant Panda's potential to increase the conservation value of an Australian Zoo: Applications of Conservation Psychology" (UniSA)

### Continuing PhD students

Liberty Olds "Rodents and dasyurids of the Kimberley area, WA" (University of Adelaide)

Elissa Pearson "Changing human attitudes and behaviour in order to help save orangutans" (UniSA)

Laura Ruykys "Ecology of warru (Black-footed rock-wallaby) in the Anangu Pitjantjatjara Yankunytjatjara (APY) Lands" (University of Adelaide)

Natasha Speight "Renal failure in koalas in the Adelaide Hills; the significance of oxalate nephrosis" (University of Adelaide)

Monika Szokalski "The impact of different big cat experiences on zoo visitors" (UniSA)

Hayley Tindle "Encouraging water conservation behaviour in the South Australian community" (UniSA)

Rebecca West "Reintroduction biology of brush-tailed and black-flanked rock-wallabies" (University of Adelaide)

### Completed PhD students

Leah Kemp "Reintroduction biology of mainland tammar wallabies in SA." (University of Adelaide)

Sally Potter "Phylogeography of rock wallabies in the Kimberley area, WA" (University of Adelaide)

Bradley Smith "Investigating the cognition of the Dingo Canis lupus dingo" (UniSA) 

Student Involvement – 1 of 1

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# Life Members

### Honorary Life Members

Title	Firstname	Surname
Sir	David	Attenborough
	Max	Bourne
Mr	Nick	Cureton
Dr	Edward	Mc Alister AO
Mr	David	Minear
Dr	Rob	Morrison OAM
Mr	Alf	Prade
Mr	George	Purkiss
Rear Admiral	Kevin	Scarce AC CSC RANR

### Life Members

Title	Firstname	Surname	Tit
Mrs	Audrey	Abbie	Ms
Dr	Amanda	Abbott	Mr
	Ani	Abdulhamis	
Mr	Malcolm R	Adam	
Ms	Christine	Adams	
Mrs	Helen	Adams	Mrs
Mr	James	Adams	
	Jennifer	Adams	
Mr	Thomas	Adams	
Mrs	Colleen	Adriaanse	Ms
Mr	Roger	Ainsley	Mr
Mr	Daniel	Aird	Mrs
Mr	Henry	Akkermans	Ms
Mrs	Karen	Alchin	Mrs
Miss	Caroline	Alde	
	Fred	Alde	Mrs
Mrs	Jennifer	Alde	
Mrs	Mayda	Alexandrides	Mr

Title	Firstname
Ms	Lauren
Mr	Michael
	Andrea
	Georgia
	Phoebe
Mrs	Judith
	Jemima
	Tyson
	Margaret
Ms	Jane
Mr	Joel
Mrs	Marie
Ms	Rebecca
Mrs	Sylvia H
	HG
Mrs	K Luise
	Elizabeth
Mr	JHF

### Life Members – 1 of 25

Surname	
Alfred	
Alfred	
Ali	
Allan	
Allan	
Almond	
Amery- Gale	
Amey	
Amundson	
Anderson	
Andrewartha	
Andrewartha	
Andrews	
Angas	

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Title	Firstname	Surname	Ti
	L Madeline	Angel	Ми
Ms	Carina	Angelo	
Ms	Catherine	Angove	Ми
Miss	Elizabeth	Angove	Dr
	Patricia	Angove	Ми
	Roger C	Angove	Ми
	George	Anthony	Ми
Mrs	Dymphna	Antic	Dr
Mr	Silvio	Apponyi	Ми
Mrs	Luisa	Aquilina	Mr
Mr	Michael	Aquilina	Mr
Miss	Lynette	Arden	Mr
	Jah Hannemann	Arnold	Mi
Mr	Anthony	Arnott	Mr
	Margaret	Arnott	Dr
	Margaret	Arstall	Mr
Miss	ME	Athawes	Mr
Mrs	Joan	Athersmith	
Mr	Norman	Athersmith	Ms
Ms	Glenn	Attema	Ми
Mrs	Annette	Atwell	Mr
	Lauren	Aubert	Mi
Mrs	M Ruth	Aulton	Ми
	Doreen	Avery	Ми
	Veronica	Bacchia	
	Matthew	Bailes	Mr
	Penelope	Bailes	Mi
	Sarah	Bailes	Dr
Mr	Ben	Bailey	
Mr	Rob	Baillie	
Ms	Michele	Bain Cureton	
Mrs	Kathy	Bainbridge	
Mrs	Marina	Baker	
	Maya Gumillya	Baker	Mi
Miss	Amelie	Baldock	Mr
	Grace	Baldock	Ms
Mrs	Katherine	Baldock	Ms

Title	Firstname
Mr	Michael
	Jan
Mrs	Suzanne
Dr	Jeffrey
Mr	Adam
Mr	James
Mrs	Virginia
Dr	JE
Mrs	Jennifer M
Mrs	A. Isabel
Mrs	Heather
Mrs	Lisa
Miss	Katherine M
Mr	Nicholas J
Dr	Peter C
Mrs	Cynthia
Mr	Jeffery C
	Merrin
Ms	Fiona
Mr	Richard
Mrs	Pauline
Mr	Bob
Mrs	Jacqui
Mr	Brett
	Sarah
Mrs	Jennifer
Mrs	Joanne L
Dr	Brodie
	Brodie
	Mark
	Sian
	Martin D
	Murron Y
Miss	Winona
Mrs	Maureen
Ms	Bronwyn
Ms	Kathleen M
••••••	•••••

### Surname

Balin Ball Ball Barbara Barber Barber Barber Barker Barker Barnes Barnes Barnett Barratt Barratt Barratt Barrett Barrett Barrett Barrowman Bartholomaeus Barton Baskerville Baskerville Bates-Brownsword Bau Baulderstone Baulderstone Beales Beales Beecher Beecher Begley Beltrame Beltrame Bennett Bentley Bentley

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Title	Firstname	Surname	
Mrs	Mal	Benton	
	Kathryn	Bercic	
Ms	Beverly	Berry	
Mr	Peter	Berry	
Mrs	Verity	Berry	
Miss	Maxine E	Besanko	
Mrs	Josephine M	Beven	
Mr	Ronald F	Bickford	
Mrs	Valerie N	Bickley	
Ms	Josephine	Bide	
Mrs	G	Birkett	
Mr	Benjamin Napier	Birks	
Mr	Daniel	Birks	
Ms	Jennifer K	Birks	
Mr	Nicholas N	Birks	
Mrs.	Josephine Mary	Bishop	
Ms	Mary Lou	Bishop	
Ms	Angela	Black	
	Jamie	Black	
Mr	Joseph	Black	
Ms	Yvette	Black	
	Norma	Blair	
Mr	Abraham	Blansjaar	
Mr	Clive	Blaser	
Mrs	Margaret	Blaser	
Ms	Diana	Bleby	
Mr	Colin	Blenkinsop	
Mr	Michael A	Blinman	
Mr	Doug	Bloomfield	
Ms	Linda	Boanas	
Mrs	Patricia	Bockner	
Mr	Alan	Bohn	
Mrs	Rosemary	Bohn	
Mr	Kevin	Bonnell	
Mrs	Catharine		
IVITS		Bonython Booth	
	Jane		
	Margaret	Bootsman	

Title	Firstname	Surname	
Mrs	Susanne	Bormann-Ziersch	
Miss	Ruth	Borthwick	
Mrs	В	Bosio	
	Kate	Bosland	
Mrs	Christine	Bott	
Mr	Richard T	Bott	
	Lisa Storm	Bottroff	
Mrs	Shelagh	Bourke	
Mr	Kenneth A	Bowden	
Mr	Andrew	Bowe	
Ms	Michelle	Bowe	
Mr	James V S	Bowen	
Mrs	Judith	Bowler	
Ms	Melody	Boxall	
Ms	Sally	Boxall	
Mrs	Meryl	Воу	
Mrs	Mac	Boyle	
	Stephen	Boyle	
Mr	Edward	Braddock	
Mrs	Mary	Braddock	
Ms	Alison	Bradshaw	
	Philip M	Braendler	
Ms	Jan	Brand	
Mrs	Sheridan A	Brand	
	Leah	Brannigan	
	Lyn	Brannigan	
Ms	Kathy	Bray	
Mrs	Esther	Breed	
Prof	Allan	Bretag	
Mr	Allan	Bretag	
Ms	Rita	Bretag	
	Bev	Brideson	
	В	Briggs	
Mrs	Gillian	Briggs	
Mr	Robin	Briggs	
Mrs	Sue	Briggs	
Mrs	Charlotte	Bright	

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### Surname

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Title	Firstname	Surname
	Gail	Brimson
Mrs	Maria	Britton
	Isabella	Brko
Mrs	С	Brook
Miss	Susan	Brooke-Smith
	Joanna	Brookman
Mr	Geoffrey	Brooks
Mrs	Jane	Brooks
Miss	Patricia	Brooks
Dr	Rosemary H S	Brooks
	Serena F	Browell
Miss	Claire	Brown
Miss	Emily	Brown
Mr	G	Brown
Mrs	Gwynne D	Brown
Mr	Jordan D	Brown
Mrs	Josephine	Brown
Ms	Madeline H	Brown
Mr	RF	Brown
Mr	Theodore	Bruce
	Lucinda	Brunsgard
	Chris	Bryant
	Kathy	Bryker
Mr	F	Bulbeck
Mrs	РМ	Bulbeck
Ms	Helen	Buller
Mrs	Janet W	Bullock
	С	Burfield
Mr	Charles	Burfield
Mr	G	Burfield
Mr	John C	Burfield
Mr	MA	Burfield
Mr	Paul J	Burfield
Mr	Timothy P	Burfield
Mr	Harry	Burgess
Mrs	Katrina	Burgess
Mr	Samuel	
IVIT	Jailluei	Burgess

Title	Firstname	Surname	
Mr	Warren	Burgess	
	Jennifer	Burke	
	Josephine	Burke	
	Lynette	Burnett	
Mrs	G	Burrow	
Ms	Barbara	Buterin	
Mr	Bernard	Buterin	
	Clarice	Buterin	
Mr	Graeme	Butler	
Ms	Sallie	Butterfield	
	Ian	Buttfield	
Miss	Stroma	Buttrose	
Mrs	Katherine	Byrne	
Mr	Andrew	Cadd	
Miss	Jessica	Cadd	
Mrs	Julie	Cadd	
Mr	Matthew	Cadd	
Mr	Alfred	Caddick	
Mr	Barnaby	Caddick	
Mrs	Heather	Caddick	
	Kerstin Rylander	Caddick	
	Tilda Elle	Caddick	
Mr	Toby	Caddick	
Mr.	Cooper	Caddy	
Ms	Isabella Tania	Caddy	
Ms	Jane	Calder	
Mrs	Elizabeth	Cameron	
Mrs	Marlene	Cameron-Smith	
Mr	Alec	Campbell	
Ms	Nina	Campbell	
	Ruth Myra	Campbell	
Dr	Norma	Campbell-Kent	
	Donato	Camporeale	
Mr	David	Cann	
	Lesley- Ann	Cannon	
Mrs	Jill	Cant	
Ms	Helen	Carey	

### Surname

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Title	Firstname	Surname	Ti
1000	Jenny	Carney	
Mr	Gerry	Carr	Ms
	Andrew	Carter	Ми
Mr	Christopher	Carter	Ms
	John	Carter	
	Melanie	Casey	Ms
	Janet	Casiero	Mr
	J R	Casley-Smith	Mr
Ms	Diane	Cass	
Dr	John	Castle	Mr
Ms	Rosemary	Catalano	
	Rachel	Catford	Mr
Miss	Evelyn	Catt	
	Lisa	Cawley	Ms
	Deirdre	Cece	
Dr	C.M.	Chabrel	
	Barbara	Chamberlain	Ms
Ms	Gwen	Chambers	
Miss	Alisa	Chan	Ms
Miss	Naomi	Chan	Ms
Miss	Barbara	Chapman	Ms
	Frank	Chapman	
Mr	РЈ	Charles	Mi
	Pamela	Cheesman	Ми
	Carmel	Chetcuti	Mi
Dr	Margaret E	Christian	
	Le Quan	Chuong	
Dr	Elizabeth	Chye	
Mrs	Lissa	Claridge	
	Alison	Clarke	
	Jan	Clarke	Ми
Mrs	Sonia	Clarke	Ми
Mr	Andrew	Clearie	
Mr	James	Cleland	Mı
Mrs	Margaret A	Clements	Ms
Miss	Una	Clifford	Dr
	Don	Clifton	Ms

Title	Firstname
	Helen
Ms	Nita
Mr	Ian
Ms	Carolyn
	Emily
Ms	Egilda
Mrs	Oonagh
Mrs	Lana
	Susan
Mr	Phillip J
	Kieran
Mrs	Elizabeth
	Kimberley
Ms	Rosemary
	Judith
	Colin
Ms	Christine
	Daniel
Ms	Jillian
Ms	Kathryn
Ms	Faith
	Luci
Miss	Amy
Mrs	Kerryn L
Miss	Rachel
	Jill
	Callum Edward
	Nola
	RS
	Harrison
Mr	David
Mrs	Kathleen L
	Gwynneth B
Mr	Dave
Ms	Jennifer
Dr	Robert J
Ms	Heather
••••••	

### Surname

Clifton Clifton Coat Cockburn Cohen Colaruotolo Colbeck Cole Cole Coles Collings Collins Collins Collins Colllins Colquhoun Colyer Congedi Congedi Conlin Cook Cook Coombs Coombs Coombs Coonan Cooper Cooper Cooper Copping Cornell Cornell Corney Costello Costi Coulthard Coutts 

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Title	Firstname	Surname
	Rosanne	Coventry
Ms	Alexandra	Cowan
Miss	Amanda	Cowan
Mr	Colin	Cowan
	Darcy	Cowan
Mr	James M	Cowan
	Jenny	Cowan
Ms	Margaret	Cowan
	Ethan	Cox
Prof	Kerry O	Cox
	Kathryn	Соу
Miss	WM	Crabbe
Mr	Mark	Craig
Dr	David	Craven
Mr	Samuel	Craven
<b>Ars</b>	Elizabeth	Crawley
⁄ls	Judith	Cresswell
	Genevieve	Crisp
	Glen	Crittenden
	Vicky	Crittenden
Ír	David	Crompton
	Graeme A	Crook
ĺrs	Stephanie A	Croshaw
Irs	Pam	Cross
	W Peter	Crowcroft
ſrs	Carolyn	Crowley
	Patrick Eric	Crowley
	John	Crutchett
	John D.	Cudmore
Mrs	Leanna	Cullen
Dr	Peter J	Cundy
Mrs	Margaret F	Cunningham
Mr	Scott	Cunningham
Miss	Maureen J	Cussans
Ms	Sophia	Czechowicz
Mrs	Pam	Dale
Mrs		
virs	J. Kaye	Dalgarno

Title	Firstname
	Alex
Ms	Monica
	Francis
	Kerry
Miss	Elaine
Ms	Ноа
	Julie
	Belinda
Mrs	Sue
Ms	Claire
Mrs	Рорру К
Mrs	Helen J
Mr	Ian Laidlaw
	Jule
Miss	Emily
	Fiona
	Julie
Mrs	Lee
Mrs	Libby
	Margaret
	Judith
	Thomas
	William
Ms	Louise
	Gregory
Mr	Tom
Dr	Harry M
Miss	Emma M
Mrs	Allison
Mrs	Susan
Dr	David
Ms	Stephanie
Ms	Emma
Ms	Pam
Mr	Andrew
Dr	Christopher
Miss	Eloise

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### Surname

Dall Daly Dalziel Dalzotto Damm Dang Daniel Dart Daugherty Davenport Davenport Davey Davidson Davidson Davies Davies Davies Davies Davis Davy Dawes Dawes Dawes Day Dayman De Meyrick Dean Dedman Dejanovic Denman Denton Denton Derwas Di Lorenzo Dibden Dibden Dibden

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Title	Firstname	Surname
10.00	Jean	Dicker
Ms	Jacinta	Dickins
Mrs	Sheila	Dickinson
Mr	Stuart	Dillon
Miss	Samantha	Ding
	Brad	Diplock
	Ian	Dispain
Mr	Mark	Divito
Master	Callum	Djurasevich
	Darcy	Djurasevich
	Emlyn	Dodd
Mrs	Sandra	Doddridge
	Nina	Doe
Mr	Brian	Doidge
Mrs	Elspeth	Doman
Mr	Andrew	Donnelly
Mr	Peter	Donnelly
	Nicole	Doolan
	Charles	Dormand
Mr	John S	Dowie
Lady	Mary	Downer
Mrs	Lorraine	Doyle
Mr	Paul	Drew
Miss	Jacqueline M	Driver
Mrs	Mymie	Driver
Mr	Peter S	Driver
Mr	Joshua F	Droogan-Turniski
Miss	Isabel F	Drummond
	Colette	Dry
Mrs	D	Dudley
Mr	Raymond A	Duncan
Ms	Tiffany	Duncan
	Josephine	Dundon
Mrs	Eileen	Dunn
	Rebecca Jean	Dunn
Mrs	Heidi	Dunsford
	Lesley	Dunstan

	Title	Firstname
		Timothy
		Vi
	Mrs	Louise
	Mr	John H
	Mrs	Stephanie
	Mr	Peter
	Ms	Sue
		Melinda
	Mrs	Colleen
	Mr	Steven
	Master	Mackenzie
	Mrs	Rachel
	Ms	Stella
	Mrs	Flora
		Jason
		JM
	Mr	Marcel
	Mr	James L G
		Jasmin Naomi
		Naomi
	Mr	Robert
	Mr	Jack
	Mr	Len
	Mast	Alexander
	Dr.	Angela
	Mr	Ashley
	Mr	Chris
	Mr	Hayden
1	Mrs	Merlyne
		Thomas
		Toby
	Mr	Michael
	Miss	Jennifer
	Dr	Peter L
	Mr	Diana
		Brenda
	Mr	Maurice
	••••••	•••••••

### Surname

Dunstone Duong Durant Dutton Eastick Eckermann Eckert Economos Eddie Edgecombe Edwards Edwards Edwards Elliott Elliott Ellis Ellis Elmslie Elsdon Elsdon England Epps Essery Evans Evans Evans Evans Evans Evans Evans Evans Everitt Ewer Ey Fabijan Faggotter

Fairhead

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Title	Firstname	Surname	
Mrs	Jenny	Fairnington	
	Lindsay	Farkas	
Mr	Angus	Farrar	
	Jessica	Farrugia	
	Rosemarie	Fawcett	
	William	Fawcett	
Dr	Alastair	Fearn	
Mrs	Heather	Felgate	
	JW	Felgenhaur	
Mr	Bruce	Fell	
Mrs	Robyn J	Ferguson	
Mr	Samuel J	Ferguson	
Mr	Jeffrey	Ferry	
Mrs	Grace	Fielden	
Miss	Annette	Filby	
	Albert	Finch	
Ms	Lyndall	Finn	
Mrs	Merilyn	Fischer	
Ms	A	Fisher	
Ms	Anne	Fisher	
Ms	Joanne	Fisher	
Miss	Cynthia	Fleming	
Dr	Ian C	Fletcher	
	Joy	Fletcher	
Mr	Colin	Flint	
	Leopold Bujul	Flugelman	
Mr	Clarence	Fok	
	Jim	Foley	
Mr	Jeff	Folland	
Mr	John T	Follett	
Mr	Brian	Foot	
Ms	Susan	Foote	
	Jeremy David	Forbes	
Dr	G	Ford	
Mrs	Leonie A	Ford	
	Darren	Foreman	
Mrs	Lisa	Foreman	
IVII S	F12q	FUTEIIIAII	

	Title	Firstname
		Anthony
	Mr	Frank
		Nick
	Miss	Rose
		George
	Miss	Alexandra
	Ms	Cathy
	Miss	Debra
	Mr	Eric
	Miss	Katharine
	Mr	John
		Lorraine
	Mrs	Anna
		David
	Mrs	Pamela
		Leonie
	Mrs	RL
	Ms	Alexandra
	Miss	Meryl J
	Mr	Aaron
	Mrs	Kristen
		Laraine
	Mrs	Jeanette
		Patricia
	Miss	Beverley
	Mr	Andrew
	Mr	David
	Ms	Jane
	Mr	Richard H
	Mrs	Susan
	Mrs	Gaynor
	Ms	Laura
		Dean
	Ms	Angela
	Ms	Jennifer S
	Mr	Robert
	Mrs	Sally
-	• • • • • • • • • • • • • •	

### Surname

Forster Forwood Foskett Foti Foundas Fowler Fowler Frahn Francis Francis Franklin Franzin Frayne Frede Freeman Freidenfelds Freney Frisby Frith Fromm Frost Frost Fryar Fryc Fryer Fuller Fuller Fuller Fuller Fuller Furnell Fuss Gabb Gackle Gaetjens Gale

Gall

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Title Firstname Surname
Ms Helen Galloway
Karen Gameau
Kathleen M Gannon
Ms Barbara Gardiner
D Gardiner
Mr J Gardiner
Mr Michael Joseph Gardiner
John Gardner
Kelvin Gardner
Mrs Barbara Garrett
Marcel Xavier Gauvin
Miss Gwendoline R Gayler
Marie Gehan
Mrs Christine Gell
Mrs Gaynor Genders
Beverley George
Ms Donna George
Mrs Fay Gerard
Ms Helen Gerard
Mr Robert Gerard
(B.Sc.) Gerny
Dr John G Geschmay
Imari K M Gibson
Ms Margaret Gibson
Mr Mark Gibson
Michael Gibson
Clifford Gilbert
Ms Jennifer Gilbert
Miss Nancy Gilbert
Mrs B Gilchrist
Mr Jock Gilchrist
Dr Peter Gilchrist
Mr Timothy Gilchrist
Crawford Giles
Mrs Joy Giles
Ms Lyn O'Halloran Giles
Mrs Caroline Gill

Title	Firstname
Ms	Karen
Mr	Stephen
	Oam
Mr	Peter M
Miss	Shannon
	Josine
Mrs	Sarah
Mr	Jonathan M
Mr	Michael J
	Edward
Master	Harry
	Charles
	Erika
	Mark
Mr	David
Mrs	Helen
	Adrian Aird
	Annie Louise
Mrs	Diana
	Olivia Alice
	Poppie Diana
	Billy
Ms	Fay
Mrs	Barbara
	Georgina
	Jayne
Mr	M Lloyd
Mr	Hamish A E
Mr	Jock V E
Miss	Kirsty A E
Mr	Lachlan M E
Mr	Nigel G E
Mr	Samuel C
Mrs	Yvonne A
Mrs	Jenny
Mr	Gordon R
	Victoria

### Surname

Gill Gill Gillespie Gillespie Gillespie Gillis Gilmour Gilpin Gilpin Glatz Glatz Glover Glovitch Glynn-Roe Godfrey Goldney Goldsmith Goldsmith Goldsmith Goldsmith Goldsmith Goldsmith Trim Goldsworthy Goodman Gordon Gore Goss Gosse Gosse Gosse Gosse Gosse Gosse Gosse Grace Graham Graham

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Title	Firstname	Surname	
Mr	Andrew	Gramp	
Mrs	Verity	Gramp	
Mr	Kym H	Grandison	
IVII	Ian	Grant	
Mrs	Jaqui	Grant	
IVIIS	Margaret	Grant	
Mrs	Margaret	Grant	
IVIIS	Mary Ann	Grant	
	Robert Hugh	Grant	
	William	Grant	
Mrs	Meredith A	Grantham	
Mr			
	Bradley	Gray	
Mrs	Cheryl	Gray	
	Christine	Gray	
Mr	Christopher	Gray	
	Diane	Gray	
Mrs	Juleen	Gray	
Mr	Michael	Gray	
	Paula	Gray	
	Sandy	Gray	
Mr	Steve	Gray	
Mr	A John	Green	
	НS	Green	
Ms	Jeannie	Gregory	
Ms	Julia	Gregory	
	Jasmyn	Gregson	
	Samuel	Gregson	
Mrs	Solveig	Grenfell	
Miss	Jean	Grieve	
	Oliver J	Grieve	
	Nigel	Griffin	
	Seth	Griffin	
Mr	Raymond	Grigg	
Dr	William	Griggs	
	Susan	Gristwood	
Mr	James	Grose	
Mr	Lachlan	Grose	

Title	Firstname
Ms	Donna
Mr	Paul
Mrs	MJ
Mr	Peter
	James
	Quinn
Mrs	Debra
Ms	Alicia
Mr	John
Miss	Sandy
Ms	Jennie
Mr	Geoffrey
Mrs	Penelope
	Tegan
	Jason
Ms	Margaret
Mrs	Mary
	Matilda Annie
Mrs	Patricia A
	Stephen
Mr	Terry
Mrs	Georgina
Mr	WA
	WA
	Lexi
	Maia
Miss	Tatum
Mrs	Deborah
Ms	Lynda
Dr	Michael
	WS
Ms	Joanne
Ms	Leanne
Mr	Trevor
Ms	Alice
Dr	Katherine
Dr	David
•••••••	••••••

### Surname

**Groth-Godfrey** Groundwater Grund Guest Gulley Gulley Gum Gumley Gumley Gunter Hackett Hackett-Jones Hackett-Jones Hadley Hakof Hall Hall Hall Hall Hall Hall Halliday Hambly-Clark Hambly-Clark Hameister Hameister Hameister Hamilton Hamilton Hamilton Hamilton Hamlyn Hampel Hampel Hancock Hancock Handley

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Title	Firstname	Surname
Mrs	Erica	Handley
Mrs	Mary G	Handley
	Stephen	Hanisch
Mr	Terry	Hanlon
Mr	Chris	Hannocks
Mr	Roger	Hansen
Dr	Rosemary	Hanson
Mrs	Kathy	Harbison
	John	Hardy
Miss	Sheilagh A	Hardy
	Katherine	Harford
Miss	Vivien	Harries-Harris
Mr	Alastair	Harris
Mr	Alfred	Harris
Mr	Austin	Harris
Mr	Brian	Harris
Miss	Christine	Harris
Dr	James D	Harris
Mr	James M R	Harris
Mr	Peter	Harris
Mr	Phillip	Harris
Mr	Richard J D	Harris
Ms	Sharon L	Harris
Mrs	Susan	Harris
Mrs	Mary L	Harrison
Mr	Paul F	Harrison
Mrs	Helen	Harrod
Mr	Alastair	Harry
Mr	Richard J	Harry
	Allan	Hart
Ms	Diane	Hart
	Katherine	Hartley
	Jack	Hartley Jp
Miss	Kate	Hartwig
Mrs	D	Harvey
Mrs	Mary B	Harvey
	Sheree	Harvey

Title	Firstname
	Kate
Mr	Gary
Mr	WR
Mrs	Kathryn-Mary
Mr	Jonathan
Mr	F
Ms	Jennifer
	Barrie
Mrs	Dianne
Mr	James
	Stephanie
Mrs	Janet
Mr	Denis
Mr	David A M
Miss	Harriet
Mr	Mark
Miss	Phoebe
Ms	Sarah
Dr	Marilyn
Mrs	Kathy
	Robert L
Mr	Roland
Mrs	Maureen
	Jason
	Liz
Miss	Kathryn
Mrs	Sarah
Mr	Brian
Mr	Elliott
Ms	Leanne
Mr	Ron S
Mrs	Tracey
Mrs	Carol
Mrs	Helen
	Rodney
Ms	Rosemary
	Joanne
• • • • • • • • • • • • • • •	•••••

### Surname

Haslam Hawke Hawkes Hawkins Hawkins- Clarke Hay Hayes Hayward Haywood Hazzard Head Heames Hehir Hele Hender Hender Hender Hender Henderson Hennessy Herriot Hertrampf Hewett Higgins Higgins Higgs Hignett Hill Hill Hill Hill Hill Hillier Hillman Hobbs Hocking Hodgson

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Title	Firstname	Surname	
	Robert	Hoffmann	
Ms	Michelle	Holberton	
Ms	Christine	Holder	
Mrs	Jenny	Holland	
Mr	C Keith	Holliday	
	Barry	Hollywood	
Miss	Grace	Hollywood	
Mr	Jon	Holton	
Mrs	Nicole	Holton	
Ms	Margaret J	Hone	
Dr	Michael R	Hone	
Mrs	Xenia	Hone	
Ms	Susan	Hooper	
Ms	Angela	Hopes	
Ms	Ann	Horan	
Mr	Robert	Host	
	Catherine	Hough	
Mr	Donald	Howell	
Ms	Iris	Hudson	
Ms	Jean	Hudson	
Mr	Ted	Hudson	
Mr	Hans	Huemmer	
	В	Hughes	
Mr	Cameron	Hughes	
Miss	Charlotte	Hughes	
Mr	Geoffrey	Hughes	
	Glenda	Hughes	
Mrs	Hazel	Hughes	
	Imogen	Hughes	
Mr	Jack	Hughes	
	Lucy M	Hughes	
	Thomas	Hughes	
Mr	James H D	Hugo	
Mr	Benjamin	Humphry	
	Jessica Lily	Humphry	
	Madison	Humphry	
Mrs	Margaret	Humphry	

Title	Firstname	Surname	
Mr	Matthew E	Humphry	1.20
Ms	Karen	Hunt	
Mr	Andrew	Hunter	
Mr	Michael J	Hunter	
Mr	Rodney	Hurley	
Mr	Peter G	Hurst	
Mr	Brian	Hutchison	
Mrs	Anne	Ide	
Dr	James	Ilic	
	Kylie	Ind	
Mr	Jonathan	Inge	
Mr	James	Ingoldby	
	Olivia	Innes	
	Alexander	Ioanni	
Miss	Isabella	Ioanni	
	Julie	Irwin	
	Leanne	Isaacs	
	Caitlin	Jackson	
Miss	Eloise	Jacobs	
Mr	Lachlan	Jacobs	
Miss	Lucy	Jacobs	
Ms	Debra	Jaensch	
	Anthony	James	
Dr	С	James	
Mrs	Helen	James	
Mrs	Jo	James	
	Lucy	James	
Mr	Stephen	James	
Mr	Timothy	James	
Mrs	Christine	Jamieson	
	Elizabeth	Jamieson	
Ms	Kirsten P	Janikowski	
Mr	Rick	Janssan	
Mrs	Skye	Jarvis	
Mr	Martin	Jefferies	
	Diana	Jemson	

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Title	Firstname	
		Surname
Mr	Rodney J	Jenkins
	Talia	Jenner
Mrs	Pat	Jennings
Ms	Mary P H	Jepson
Mr	Erno	Jo
Ms	Leonie	Johansson
	George	Johnson
Mrs	Georgina	Johnson
	Н	Johnson
	Ian	Johnson
Mr	Michael	Johnson
	Meredith	Johnsson
Mrs	Janet	Johnston
Mr	Steve	Johnston
Mrs	Naomi	Jolly
Mr	Allan	Jones
	Chris	Jones
Mrs	Eileen	Jones
	Eric John	Jones
Mrs	Jennifer	Jones
Mrs	Kathy	Jones
Dr	Elizabeth	Jordan
Mr	Mark	Jordan
Mr	Michael	Joseph
Mr	Peter	Joseph
Mrs	Robin	Joseph
Mrs	Cathy	Joyce
Mr	Graham	Joyce
Mrs	Val	Joyce
Ms	Cornelia	Judson
Mr	Tom	Kaiwahia
Miss	Tahlia	Kalleske
Mrs	Sandy	Kastanos
Mrs	Kaylene	Kates
Mr	Terry	Kavanagh
Miss	Alexis	Kellow
Ms	Mali	Kellow

Title	Firstname	Surname	
Ms	Carol	Kelly	
Mrs	Joy	Kelly	
	Kat	Kelly	
	Rosamond	Kelly	
Mr	Ross	Kelly	
Mrs	Susan	Kelly	
Mr	Allan	Kelson	
Mr	Angus	Kelson	
	Anna	Kelvin	
Mrs	Marianne	Kemp	
Mr	Ron	Kendall	
Ms	Shylie M	Kenihan-Seppelt	
	Jo	Kennedy	
Dr	Sofia	Kennedy	
Mr	ML	Kenny	
	Michelle	Kent	
Mr	Colin	Kernick	
Ms	Lorraine M C	Kernick	
	Malcolm	Kerr Grant	
	Gareth	Kerr- Grant	
	Hugh	Kerr- Grant	
	Allan	Kerr-Grant	
Mr	Sam	Khuu	
	Ganessan	Kichenadasse	
Miss	Dana	Kilgallon	
Mr	Zeke	Kilgallon	
Mr	A Neil	Killmier	
	David	Kilmartin	
	Michael	Kilmartin	
	Kim	Kilroy	
Dr	Richard	Kimber	
Mr	Alan	King	
Mr	Bruce	King	
Mr	Colin	King	
Mrs	Margaret K	King	
Mr	Ray	King	
	Suzanne	King	

Surname
Kelly
Kelson
Kelson
Kelvin
Kemp
Kendall
Kenihan-Seppelt
Kennedy
Kennedy
Kenny
Kent
Kernick
Kernick
Kerr Grant
Kerr- Grant
Kerr- Grant
Kerr-Grant
Khuu
Kichenadasse
Kilgallon
Kilgallon
Killmier
Kilmartin
Kilmartin
Kilroy
Kimber
King

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itleFirstnameSurnamersValerieKingrJohnKingwellissLinda JKinnairdrAKinnearrJohnKirkrJohnKirkrJuliaKlarrFranKnightrGrahamKnightonrBerteenaKochJustinKoevoets
r Mingwell iss Linda J r A A Kinnaird John Kinnear John Kirk Julia Klar Fran Klapt Fran Knight Lisa Knight Aiden Koevoets
iss Linda J Kinnaird r A Kinnear John Kirk Julia Klar Fran Klar Isa Kinght Kinghton Serteena Koch Aiden Koevoets
r A Kinnear John Kirk Julia Klar Fran Klar Kisht
r John Kirk Julia Klar Fran Knight Lisa Knight Graham Knight Mon Serteena Kock
JuliaKlarFranKnightLisaKnightGrahamKnightonBerteenaKochAidenKoevoetsAnnKoevoets
Fran Knight Lisa Knight r Graham Srighton Berteena Koch Aiden Koevoets
LisaKnightrGrahamKnightonBerteenaKochAidenKoevoetsAnnKoevoets
r Graham Knighton Berteena Koch Aiden Koevoets Ann Koevoets
Berteena     Koch       Aiden     Koevoets       Ann     Koevoets
AidenKoevoetsAnnKoevoets
Ann Koevoets
Instin
Justin Koevoets
Philip Konings
s Jessica Koop
Samantha Kotz
Joanne Kouts
r Richard P Krantz
rs Anne Krishnan
Jake Kroker
Anjalie Kruger
Jordan Kruger
s Rosslyn L Kruger
Rylee Kruger
rs Susan Kubank
Dkota Kubenk
Soren Kubenk
Teea Kubenk
Grant Kuchel
R H Kuchel
r Shane R Kuchel
r Timothy R Kuchel
r Anatoli Kushelew
Jelle Lahnstein
rs Jennett Laintoll
s Jeanne R Laird
r David Lake

Title	Firstname
Ms	Tatiana
Mrs	KE
Ms	Julia
Mrs	Miryana
Mr	Stefan
Miss	Joy
	Roger
Ms	Leigh
Dr	Sarah
Ms	Catherine
Mr	Roger
Mr	Michael
	HN
	Henry
	James
Ms	Ann
Ms	Elizabeth
Mr	Brendan
Mr	Paul
Ms	Marlene R
	Nina
mr	David
Mrs	Jacqueline
	James
	Susan
Mr	Ronald
Mr	Colin
Ms	Anna
Mr	Tony
Mr	WA
	Lyn
Mr	Darren
Master	Edward
Master	Thomas
Dr	Carla
Mrs	
	Bronwyn
Mr	Peter
1.1.1.1.2.2	

### Surname

Lambert Lancaster Landherr Landherr Landherr Langford Langford Lapidge Last Laughlin Laughlin Lawson Laybourne-Smith Laycock Laycock Le Cornu Le Messurier Le Poidevin Le Poidevin Leach Leak Lee Lee Lee Lee Lehmann Lendon Lester Lewis Lewis Lillecrapp Lindsay Lindsay Lindsay Litchfield Littler Llewellyn .....

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Title	Firstname	Surname
Mrs	Beryl	Lloyd
Mr	Matthew J	Lloyd
	Robyn	Lloyd-Groocock
Mr	Peter	Lorimer
Miss	Madeleine Mae	Lorimer- Jordan
Mr	T R Noel	Lothian O B E
Mr	Jeremy	Love
Ms	Jan	Loveday
	Dylan	Loveday-Sweeney
	Timothy	Lubcke
Mr	А	Lucas
Mrs	Judith A	Lukacs
Ms	Alison	Luke
Mr	Benjamin	Luxton
Mrs	Rosemary	Luxton
Mr	Kevin	Lynch
Mr	Peter	Lynch
Mrs	Joan	Lyons
Mr	John B	Mac Kinnon
Mr	В	Mac Lachlan
	Rebecca	Macardle
Mr	Scott	MacDougall-Marshall
	Deborah	Machell
	Pam	Macintyre
Mrs	Betty	Mack
Ms	Lesley	Mackenzie
Mr	Donald	Mackie
	Ian	Mackintosh
	Fiona	Maclachlan
Mrs	Elizabeth	Macmahon
	Michelle	Maddaford
Mr	William	Maddison
	Henryk	Madon
Mr	Michael	Maier
	James William	Maletto
	Ryan	Maletto
Mr	Peter	Mann

Title	Firstname
Ms	Carolyn
Ms	Kate
Ms	Jo
	Anne
Miss	Jan
Mr	Bob
Miss	Nicola
Mrs	Penelope
Miss	Sally
Mr	Christopher
Ms	Nicole
Mrs	Merle
Mr	Bowen
Dr	David
	Jessica Grace
	Joel Michael
Mr	Paul
Mr	Robert
	Ann
Mr	Tom
Mr	Brian
Mrs	Janet H
Miss	Patricia
Ms	Erin
	Ruby
	Margaret
Mr	Robert
Ms	Anne
Ms	Pamela
Mrs	Margaret
Mrs	Rosalyn
	David
	William
Ms	Andrea
Ms	Helen H
	Lisa
Mr	Malcolm
•••••	••••••

### Surname

Manning Mansfield March Marcon Markham Marsh Marsh Marsh Marsh Marshall Marshall Marten Martin Martin Martin Martin Martin Martin Matison Matters Matthews Matthews Matthews Matushik Matz May May Mayo Mayo Mc Alister Mc Auley Mc Cloughry Mc Connell Mc Cullagh Mc Cutcheon Mc Donald Mc Donald

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Title	Firstname	Surname	Т
Mrs	Marie	Mc Donald	
	Stephen	Mc Donald	
Mrs	Margaret	Mc Evoy	M
Dr	Michael	Mc Evoy	
Ms	Necia	Mc Farlane	D
	Valerie	Mc Farlane	M
Ms	Kaye	Mc Gaffin	M
Mr	Alasdair	Mc Gregor	M
Mrs	Pamela K	Mc Innes	M
Miss	Keely	Mc Intosh	M
	Suzanne	Mc Keen	M
Mr	Samuel	Mc Kellar Driver	M
	Denise	Mc Kenzie	M
Mrs	Wendy	Mc Keown	M
Mrs	А	Mc Laughlin	M
	Diana	Mc Laurin	
Mrs	Jan	Mc Lean	
Ms	Robyn	Mc Lean	
Mr	Alastair	Mc Millan	M
Ms	Trish	Mc Millan	
Mr	Nicholas C	Mc Shane	
	Claire Louise	Mcdonald	M
	HW	Mcgregor	M
Mr	Kevin	McGuinness	M
Mrs	Felicity	McInnes	M
	Annie	Mcqueen	M
	Rebecca	McRae	M
Mr	Peter	Mellor	
Mrs	Pamela	Melville	S
	Maxine	Menadue	M
Ms	Anthea	Mercer	M
Mr	Graham E	Mercer	M
Miss	Sibohn	Merenda	M
Ms	Cassia	Merrett	M
Mr	Scott	Mesecke	
	Sebastian	Mibus	M
Mr	Matt	Michaelis	

	Title	Firstname
		Max
		Alison
	Mr.	H. Edwin
		James
	Dr	Patricia
	Mr	Rick
	Miss	Emily
	Miss	Julia E
	Ms	Vicki E
	Ms	Kay I
	Ms	Kathleen
	Mrs	Hayley
	Mr	Malcolm H
	Ms	Mary P
	Mr	Peter
		Rupert Harold
		Cameron
		Jay
	Ms	Jean M
		Alice
		Charles Richard
	Mr	Don
	Mr	Justin
	Mr	Michael
	Mr	Richard
	Mr	Robin K
	Ms	Victoria
		В
	Sen	Nick
	Mr	Richard Mac D
	Ms	Vicki
	Mr	Kenneth W
	Mr	B John
	Mrs	Margaret J
		Susan
	Mrs	Briony
		Jennifer
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### Surname

Michaelis Michell Michell Michell Michell Michell Mickan Mickan Mildren Millar Millard Miller Miller Millington Millington Millington Mills Mills Mills Milne Milne Milne Milne Milne Milne Milne Milne Milton Minchin Minchin Minear Minne Minney Minney Misirdjieff Mitchell

Moffitt

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Title	Firstname	Surname	
Ms	Sue	Moffitt	
Mr	Mark	Moody	
Mrs	В	Moore	
Miss	Brook Taylor	Moore	
Mrs	R	Moore	
Mr	Henry	Morgan	
Mr	Peter	Morgan	
Ms	Anne	Moritz	
	Terence	Morley	
Mr	John C	Morphett	
Mrs	Jill	Morrell	
Mrs	June	Morris	
Ms	Amanda	Morrison	
	Amelia	Morrison	
Dr	Rob	Morrison	
	William	Morrow	
	Alan	Morton	
Mr	William A	Moser	
Ms	Jean	Moss	
	Sandra	Moss	
	Ian	Mowis	
	Cameron	Mucha	
Mr	HW	Mueller	
Ms	Lyn	Muller	
Mr	Geoffrey	Munday	
Ms	Celia	Munro	
Mr	F	Munro	
	Deirdre Irene	Murch	
Mr	John	Murch	
Mr	Hamish A	Murray	
Ms	Rosemary	Mussared	
	Anna	Naish	
Mr	William Ian	Nancarrow	
Mr	Andrew	Nankivell	
Mrs	Julia	Nayda	
Mr	Peter	Nayda	
Mrs	Margaret	Neagle	

Title	Firstname
Dr	D
Mrs	Anne
Mr	Murray
Master	Alistair
Master	Asher
Miss	Esther
Miss	Ophelia
Master	Oscar
Mr	Herbert
Mr	Clive
Mr	Nicholas
Mr	Michael
Ms	Michelle
Ms	Amanda
Dr	Julia M
Mr	Mike
Mrs	Frances
Ms	Peta
Ms	Tia
Dr	Susan
	Kerry
Ms	Prudence
Mr	Ian
	Robyn
Ms	Rachel
Mrs	Heather
Mr	Phillip
Ms	Delcie
Ms	Marilyn (Sue)
Mrs	VJ
Mrs	Dianne
Mr	Jack
Ms	Lesley
Ms	Lucinda
Mrs	Anita
Ms	Anne
	Margaret
• • • • • • • • • • • • • • •	••••••

### Surname

Needham Ness Ness Neumann Neumann Neumann Neumann Neumann Newell Newland Newland Newton Newton Nicholls Nicholls Nicolai Nicoll Nicoll Nicoll Nield Ninnes Nobbs Norman Norman Norris Northeast Northeast Norton Nudl Nyfort-Hansen O' Connell O' Connor Oats O'Halloran-Giles Oliver Oliver Oliver

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Title	Firstname	Surname
Mr	Greg	Ormsby
Mrs	Beryl	Osterman
Mrs	Pat R	Ottomers
Mrs	Jean V	Oughton
	Keryn	Overmeyer
Ms	Е	Owen
Ms	Maureen	Owen
	Karen	P Jensen
	А	Packer
Dr	Jeanette	Packer
Mr	G	Page
Mrs	Pam	Page
Mr	Russell	Page
Mr	John	Paget
	Marian R	Palmer
Miss	Louisa	Palumbo
	Marley	Parish
	J	Parker
Mr	Thomas F	Parker
	Heather	Parsons
Ms	Jocelyn J	Parsons
Ms	Jann	Partridge
Mr	William	Passmore
	Grant	Paterson
Ms	Adrienne	Paton
	Joan	Paton
Mrs	Penelope A	Paton
	С	Patterson
Ms	Janet	Patterson
Mrs	Lesley	Patterson
Mr	RL	Patterson
	David	Patton
Mr	Paul	Paukkunen
Ms	Susan M	Paul
Mrs	Laurel	Payne
	M.J.	Pearce
Ms	Lyn	Pederson

Title	Firstname	Surname	
Mrs	Ann	Peisley	and the
Mr	Lionel	Peisley	
Ms	Jan	Pek	
Rev	Clive	Penn	
Miss	Dora	Peno	
Mr	Sean	Percival	
Miss	Janet	Peter	
Mr	Christopher	Peters	
	Daniel	Petersen	
Ms	Christine	Pettall	
Ms	Lynne	Pettall	
Mrs	Sarah	Pfeiffer	
	Rosemary	Pfitzner	
Ms	Aliceann	Philbrook	
	Nicole	Philipson	
	Holly	Phillips	
Mr	Ernest	Phillipson	
Mrs	Christine	Pickard	
Mr	Gordon	Pickard	
Mr	Graeme	Piercy	
Mr	Matthew	Pilla	
	Louise	Pinno	
Mr	Keith	Pitman	
Mrs	Suzy	Piwen	
Mr	Peter	Plowman	
	Ayliffe	Plush	
Dr	Rene	Pols	
Miss	Emily	Роре	
Ms	Deborah	Porter	
	R	Porter	
Mr	Alan	Powell	
	Brian	Power	
Mrs	Alexandra	Powery	
	Ella	Powery	
Ms	Josephine	Prescott	
Master	Ashlyn Riley	Price	
Mr	R Digby	Pridmore	
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Title	Firstname	Surname
Mrs	Astrid	Priest
Ms	Marie D	Prisk
Mr	Andrew	Proffitt
Mrs	Amanda	Pryor
Ms	JE	Pullman
Ms	Lynne C	Pullman
Mrs	Grace	Putna
Miss	Dorothy	Pyatt
Mrs	Cynthia	Pyle
Miss	Eleanor	Pyne
Ms	Deidre	Rae
	Jenny	Raftos
Mrs	Raelene	Rainbird
Ms	Fern	Raintree
Mr	Russell S	Ralph
	Rebecca	Rammell
	Kate	Randell
Ms	Lynette	Raniolo
	Norman	Ratcliffe
Miss	Ellen	Rawlings
Dr	Wendy	Raymond
Mr	Kenneth	Read
Mr	Reg	Read
Mr	Graham G	Reade
Ms	Renee	Rechichi
	Maurine	Redden
Miss	Amelia	Redman
Mr	Timothy	Redman
	А	Reed
Mrs	Lee	Reemst
	Emily	Reeve
Dr	Susan	Reeve
Prof	PR	Reeves
Mr	D	Reid
Mrs	Elizabeth	Reid
Dr	RTW	Reid
Mr	John- Joe	Reilly

Title	Firstname
	Phil
	Ann
	В
Ms	Monica M
Miss	Edwina
	Paige
	Eliza
	Jed
Dr	LC
	Rose
Mr	Paul
Ms	Ruth
	Sean
Miss	Julie G
Ms	Julieann
Ms	Barbara
Mrs	Victoria J
Mr	Nick
Mr	John
Mr	Richard H C
Mr	Troy
	Cecil
	Chloe Catherine
Mr	Edward
Miss	Eliza
	Harbinda
Master	Tom
Ms	Frances
	Melissa
Mrs	Chris
Ms	Georgina
	Stan
Ms	Fiona
Mr	JJ
Ms	Shauna
	НJ
Ms	Erica
•••••	

Life Members – 19 of 25

### Surname

Rew Reynolds Reynolds Reynolds Rice Rice Richards Richards Richards Richards Richmond Richmond Richter Riddell Riedstra Riggs Riggs Riley Rischbieth Rischbieth Ristic Rix Roberts Roberts Roberts Roberts Roberts Robertson Robertson Robinson Robinson Robinson Roche Roche Roche Rodda Roderick

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Title	Firstname	Surname
Miss	Tyler	Roennfeldt-Philp
Miss	Amanda	Rogers
Mr	Robert John	Rogers
	Timothy J G	Rogers
Ms	Lin	Rohde
	Felicity	Rolfe
Mrs	Sandra	Rolfe
	С	Romanos
Ms	Fiona	Roney
	Elisabeth	Roosendaal
Mrs	Julie P	Rose
Mr	Nick	Rose
	Mikayla	Rose- Brumby
Mr	Paul A	Rosenzweig
Miss	Sally J	Ross
Ms	Julie N	Ross- Spooner
Miss	Lydia	Rossgregor
	Nathanael	Rossgregor
Ms	Joanne	Rossiter
Mr	Cliff	Rothenberg
Ms	Janet	Rover
	Callum	Roy
	Simon	Ruciak
	В	Rundell
	Alex	Rundle
Mr	D	Rushton
Ms	Carolyne	Ryan
	Maureen	Ryan
Mrs	Patricia	Ryan
Master	Tobi	Ryan
	RR	Rymill
Mr	Thomas M	Rymill
	Alice	Sabine
	Hugo	Sabine
	Oscar	Sabine
	Xenia	Salupalu
	Jacob Alan	Sanders
	Sucos man	Guilders

Title	Firstname
Mr	Brian
	Melissa
	A Keith
	John
	Belinda
	G
	Jason
Mr	John
Ms	Anna
Ms	Pamela
Ms	Alison
Mrs	Glenys
Mr	Tarquin
	Bronwyn
	Peita
Ms	Christine
Miss	Christie
Mr	Felicity
Dr	David
Mr	Robert
Mrs	Janice
Ms	Raelene
Mrs	Ann
Mr	Mark
Mr	РJ
Prof	Paul
Mrs	Zena
Ms	Heather
Miss	Holly
	Laura
Miss	Carol
	Trudy
Mrs	Kaelene
	Lea
Miss	Claire
Mr	Robert
Mr	David
•••••	••••••

### Surname

Sandow Sandow Sangster Sangster Sargent Saunders Saunders Scales Scammell Scanlon Schahinger Schahinger Schahinger Schmeiss Schmerl Schofield Schopp Schrapel Schultz Schutz Schutze Schwerdt Sclanders Sclanders Scott Scott Scott Scribner Seddon Seddon Seeliger Seidel Semmler Semmler Sewell Sexton Seymour-Smith

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Title	Firstname	Surname	
and a second	Dianne Kay	Shannon	
Mr	Frank	Share	
Mrs	Nan	Sharp	
Ms	Carol	Sharpe	
Dr	Peter	Shaughnessy	
Ms	Carol	Sheldrick	
Ms	Sandra J	Shepherd	
	Melanie	Shirley	
Ms	Leonie	Shore	
Mrs	Dorothy	Short	
	Geoffrey	Short	
Mr	Henry	Short	
	Rosalyn Joy	Short	
Mr	Lindsay P	Shoubridge	
Ms	Fiona	Shukla	
Mr	C Robert	Shuttleworth	
Mr	Claude	Shuttleworth	
Mrs	Sharon	Siemers	
	Jean Elizabeth	Simon	
Mr	А	Simpson	
Miss	Airlie	Simpson	
Mr	Conor	Simpson	
Mr	Dashiel	Simpson	
Mr	John	Simpson	
Mr	John O	Simpson	
Ms	Kathryn M	Simpson	
Mr	Mark A	Simpson	
Miss	Matilda	Simpson	
Mr	Matthew P	Simpson	
Mr	N P	Simpson	
Mr	РР	Simpson	
Mrs	Patricia	Simpson	
Mr	Rory P	Simpson	
Mrs	Sally A	Simpson	
Mr	ТВ	Simpson	
Mr	TR	Simpson	
Mr	Thomas P	Simpson	

Title	Firstname
Mr	WF
Mr	William P
Mr	Z
Ms	Sharyn
	Ethel
Ms	Gisela
	Stephanie
Miss	Ilona
Mr	Chris
Mr	Siegfried
	Lochlainn
	Zarli
Mrs	Elizabeth
Mr	Garnham
	Gert
	Sandra
	Celina
	Ron
Miss	Rebecca
Mr	Derek
Dr	Frank
	Gary
Dr	Greg
Ms	Heather
	Heather
	Kirsty
	Lisa
Mrs	Pam
Mr	Peter
Ms	Ros
Ms	Rosalie
Mrs	Selena M
	Yvette
Mrs	Margaret
Ms	Ruth
Mr	Jack
	Johanne
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### Surname

Simpson Simpson Simpson Sinclair-Hannocks Sinfield Singer Singer Sisolefsky Siviour Skepton Skinner Skinner Skipper Skipper Skipper Skully Slattery Slee Slimming Smith Snodgrass Solly Somerton Somfleth

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Title	Firstname	Surname
Mr	Raymond	Sommerville
Miss	Jennifer	Soulsby
Mrs	Susan	South
Ms	Robyn	Sparrow
Ms	Helen	Spencer
Ms	Jeanette	Spencer
Mr	William E	Sperber
	Nancy	Spurling
	Jacob William	St Clair
	Joshua Archer	St Clair
	Samuel Caillan	St Clair
	Peter	Stamatopoulos
Ms	Gretel M	Stanbury
Mr	George	Staples
Dr	Ian M	Steele
Dr	Roberta F	Steele
	Christopher	Steinwedel
	Katie	Steinwedel
Mr	Wayne	Steinwedel
Miss	Elizabeth	Stenson
	Joan	Stenson
Mrs	Ruth A	Stentiford
Dr	Charles	Stephens
	Phillip	Stephens
	Stan	Stephens
Miss	Helen	Stephenson
Mr	Craig	Stevens
Mrs	Pauline	Stevenson
Ms	Dianne	Steventon
Ms	Angela	Stewart
	Andrew L. J.	Stocks
Dr	Robyn M	Stokes
	Andrew	Stone
Mrs	Barbara	Stoneman
Mr	Peter	Stratford
	Austin	Strawbridge
	Spencer	Strawbridge
	-1	

Title	Firstname	Surname	
Mr	Peter	Strudwick	and the
Mst	Ryan	Stuart	
Ms	Barbara	Styles	
Ms	Beth	Styles	
Mr	Joshua	Sullivan	
Mr	PFG	Sunman	
Mrs	Isabel	Suter	
Mr	James	Sutton	
Mr	Lars C	Sverdvik	
Mr	Michael W K	Symons	
Mrs	Julie	Syrette	
Mrs	Valerie	Szabo	
Mrs	Patricia	Tacey	
Ms	Poh Lian	Tan	
	Zing	Tan	
Mr	Noel	Taplin	
Ms	Kathleen M	Tay	
Ms	Teddy E	Tayles-Ratcliffe	
Mrs	Ann	Taylor	
Mr	Anthony	Taylor	
	Doody	Taylor	
	Jacie	Taylor	
Ms	Janet	Taylor	
Mrs	Janyne	Taylor	
Mrs	Jayne	Taylor	
	Jayne	Taylor	
Rev	Kevin F	Taylor	
Mrs	Kristen	Taylor	
Dr	Ray	Taylor	
Dr	Sandra	Taylor	
	Trevor	Taylor	
	G	Tennant	
	Christeen	Tenni- Smith	
Ms	Pauline	Terry-Beitz	
Mr	Paul S	Thesinger	
Miss	Rochelle	Thiele	
Miss	Tiahna	Thiele	
•••••	••••••		•••••

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Title	Firstname	Surname
Ms	Ann	Thomas
Dr	Devika	Thomas
	Gareth M.	Thomas
	Henry	Thomas
	J	Thomas
Mr	Jacob	Thomas
	Kimberley	Thomas
Miss	Meg	Thomas
	PM	Thomas
Mr	Barry	Thompson
	Bethany	Thompson
Mr	Bruce	Thompson
	Elisa	Thompson
Mrs	Jan	Thompson
	Krista	Thompson
	Vicki	Thompson
vIs	Fiona	Thomson
	Kylie	Thomson
	Alice	Thorn
	Samantha	Thorne
/Is	Jennifer	Thurmer
	Ken	Thurston
	Patricia E	Thwaites
Ir.	Colin	Tiddy
/Is	Deirdre	Tidswell
	Kym	Tilgals
Mr	Jared	Tilley
	Michael	Tilley
Mrs	Suzanne	Tilley
Miss	Tamara	Tilley
	Hayley	Tindle
Mr	Robert W	Tinker
Mr	Brian	Tinning
Mrs	Karen	Toleman
14113	Angus	Tolley
	Marcella	
Ми		Tolley
Mr	Timothy D	Tolley

Title	Firstname	Surname	
Dr	Anne	Tonkin	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
Ms	Samantha M	Tonkin	
Ms	Victoria	Toogood	
	Daniel	Torode	
Mrs	Joan	Torode	
Mrs	Jan	Tottman	
	Khoi Minh	Tran	
	Liem Minh	Tran	
Mr	Nicholas	Tran	
Miss	Sophia	Tran	
Dr	Angela	Travis	
Mr	Douglas	Treharne	
Ms	Michelle	Treloar	
Ms	Di	Trethewie	
Ms	Stacey	Trigg	
	Daisy Elizabeth	Trim	
Mrs	Liza	Trim	
	Zara Skye	Trim	
Mrs	Gloria	Trott	
Ms	Lynette	Trott	
Mr	Neil	Trott	
	Ann	Trueman	
Ms	Valerie	Trueman	
Dr	Alison	Tuke	
Ms	Nicola	Tulk	
Mr	Bryan	Tunstill	
Mr	G	Tunstill	
Mr	Guy D	Tunstill	
	Hannah	Tunstill	
	Julian C.	Tunstill	
Mr	Michael	Tunstill	
	Rodney	Tunstill	
	Iolen Michelle	Turner	
Mrs	Kristina H	Turner	
Mr	Rohan	Turner	
Ms	Valerie	Turner	
Ms	Jennifer A	Tuttle	
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### Surname

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Title	Firstname	Surname	
	Jenny and Trevor	Twigden	
Prof	Michael	Tyler	
Mrs	Vicki	Underwood	
Ms	Tammy D	Utteridge	
Mr	Marijan	Vade	
	Isobel	Van Bavel	
Amb	Amanda	Vanstone	
Ms	Glynis	Varvounis	
Mr	Brian	Vasey	
Miss	Ellie	Vaughan	
	Jennifer	Vaughan	
Mrs	D	Veale	
	George	Veale	
Miss	Tayla	Versteeg	
Mrs	Erika	Vickery	
Mrs	Helen	Vincent	
Mr	Nicolaas	Visser	
Ms	Megan	Vovers	
Mr	Peter John	Vovers	
	John	Waddy	
Ms	Anne	Wadlow	
Mr	Arthur	Wadlow	
	Erika	Waide	
Ms	Pat	Wake	
	Kirsty	Walding	
	Mark	Walker	
Miss	Rosslyn	Walker	
Mr	Tobias	Wallace	
Mr	PF	Waller	
	Colin	Wallis	
Ms	Christine	Walsh	
Mr	Richard T	Walsh	
Ms	Susan	Walsh	
Mrs	Dianne	Walton	
Ms	Emily	Walton	
Mr	Ian D	Walton	
Mr	Luke	Walton	

Title	Firstname
	Mark
Miss	Elka
Ms	Carol
Ms	Helen
	Samantha Lee
Ms	Joan S
	Rex C
Mr	ТМ
Mr	Christopher
Mrs	Elizabeth
Dr	С
Ms	Jean
Mr	Malim
Miss	Arabella
Mr	Christopher
Mrs	Elspeth
Mrs	Marion
	Charlie
Mr	Timothy
	Chris
	Kevin
	Ann
Mrs	Karen
Mr	Murray B
Miss	Tiffany
Ms	Gail
Ms	Elisabeth
Ms	Betty
	Samantha
Mrs	Doreen
Mrs	Antonia
	Hayley
Mrs	Sandra
Mrs	MG
	Peter
	Alicia
	Geraldine
•••••	

### Surname

Walton Warburton-Scott Ward Ward Ware Warhurst Warnes Warnes Watson Watson Watts Watts Watts Wauchope Welford Wells Wells Welsby Wendt Werner Werner West West West Westbrook Westlake Westphal Westwood Wharemate Wharfe White White White Whitehead Whitehead Whitehouse

Whiting

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TT:41	<b>P</b> <sup>2</sup> t	C
Title	Firstname	Surname
Miss	Molly	Whitney
Mr	Tom	Whitney
Mrs	Peggy	Whitson
Mr	Allan	Whittingham
Mr	Terry	Whittle
Mrs	Terri	Whitworth
Mr	Tom	Whitworth
Mr	Jason	Whyte
Ms	Jade	Wicks
	Henry	Wilckens
	Ben	Williams
Ms	Carole	Williams
Mrs	Cheryl	Williams
	Deni	Williams
Ms	Elizabeth	Williams
Ms	Helen	Williams
Mr	Ian	Williams
	L	Williams
Mrs	Lydia	Williams
Mrs	Mary	Williams
Mrs	TG	Williams
Mr	Thomas	Williams
Miss	Wanda B	Williams
Mrs	Collette	Williamson
Miss	Sallie	Willis
	Sharon	Willis
Mr	Timothy J	Willoughby
Ms	Kirsty	Wills
	Α	Wilson
Mrs	Alison	Wilson
Miss	Callie	Wilson
Mrs	Denise	Wilson
Mrs	Jacquie	Wilson
Mr	Keegan	Wilson
Mrs	Susan	Wilson
Mr	Vaughan	Wilson
Mr	Martin A	Wimmer

Title	Firstname
Mr	Trevor W
Ms	Ann
Mr	Brian
Miss	Karin
	Angela
Mrs	Eileen
	Karen
Mrs	Robyn
Master	Joseph
	Rhys Robert
Mr	Dylan
Mr	David
Mr	Keith C
Mr	Christopher
	Jeff
	Joanna
Ms	Lisa
Mrs	Marie
Ms	Wendy
Mrs	Meredith
	Alice
Mr	David
	John
Mr	Brian
Mr	David
Mr	Peter D
	Surendra
Master	Bryce
Master	Rhys
Mrs	Susan
Mrs	Carol
Mr	Werner

### Surname

Wingard Winter Withers Woithe Wong Wood Wood Wood Woodcock Woodcock Worswick Worthley Worthley Wren Wright Wright Wright Wright Wycherley Wyles Wyness Wyness Yates Yeend Yeo Yeo Yogalingam Young Young Young Zundel Zur Eich

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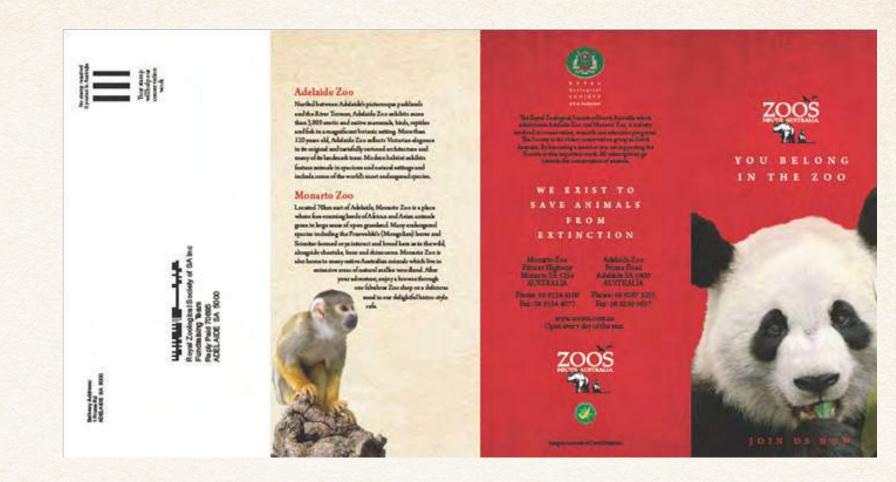
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# **Membership Brochure**





### Membership

With the animal of our Great Parallel any visit to the Zon promises to be great fee, but are Zone SA Manho #The even he tart Not only will you asjoy only bid. access and segment entry you'll also be able to visit as ables to you'll be for FREE. Along with large of other burstice, Zoor GA Mandrew nte mysle Zou e needatus and Zes Tana requires and FREE cotry to Menarto Zer and other sheard Antonian Zone of pursonal Plus you will be holying up to out size is some animale for



### Annual Membership Benefits

- Firesses entry to Addata Zoo, Manaeto Zoo, Parti Zoo, Matheman Zoo, Taronga Parti Zoo, Hadraila Sinchary Wartan Phine Zoo
- 139% discontant at Adulatile and Monarto Zon Shop (Chiles more sheady descented)
- Free one pair etheription to Zen Times
  Festuring the binst new and conservation new n well or non-competitions and manchess' ad-

### Life Membership Benefits

- The will reader all of the bangles of second rear day place
- . Life much or budge · Our une transferable pass
- One transforable pass that almits other one alab at two children to Addate Zon or Meanto Zon with or without the life manhor
- · Life munher metificate
- The based sign that you are supporting the important conservation work of the R255A

Yes. I'd love to join! D ANNUAL MEMORENCE CI LIFE MEMBER

First Name	Last Name-	
Desi si Birdu		_
Occupations		
Address.		
Salaada.		
Post Cada	Since Contraction	
Solephane (H)	(**)	
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### Life Membership Please show total memb

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Name	11	
Nem	11	
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Nam	11	1
Name	1.1	
Nism.	11	
Nam	11	

I would like to pay for a gift membership in the s of the person/s kinted above

Addamia Salada Post Code Telaphone (N) (11)

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Square. O Vilger spectrum

Mambership Brochure – 1 of 1

		iai Men			
Joining for		_	_	#29	
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Student (Full on				\$10	-
Chill April 16	2			100	-
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### Year In Review

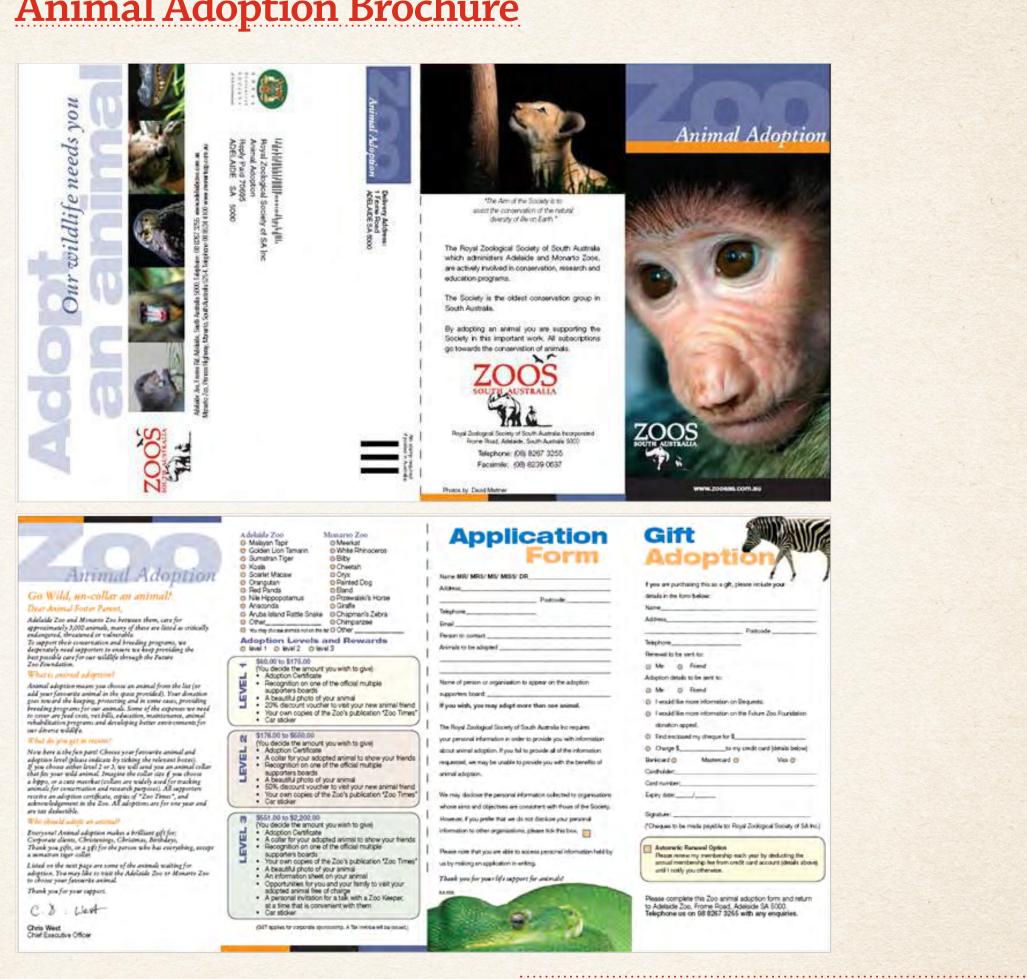
### Wild Times

### **Finals**

Staff Zoo Patron Board Publications Presentations Student Involvement Life Members Membership Brochure Animal Adoption Brochure Acknowledgements **Financial Statement** Minutes Of The 132nd AGM Minutes of Special/Periodic Meeting Erratum



# **Animal Adoption Brochure**



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Staff Zoo Patron Board Publications Presentations Student Involvement Life Members Membership Brochure Animal Adoption Brochure Acknowledgements **Financial Statement** Minutes Of The 132nd AGM Minutes of Special/Periodic Meeting Erratum



# Acknowledgements Corporate Partners/Media Partners

corporate rarthere, meana rar	ciicib	
Adam Internet	Golden North	Suzuki
Adelaide Now	Haigh's Chocolates	The Advertiser a
Advanced Nets & Ropes	Hassell	Toro
AGL	Hindmarsh	Travel Associates
Australia Post	Imagination Ventures	URS
Australian Central Credit Union	Jarvis Toyota	Westpac
Australian Radio Network	Lynch Myer	ZEN Commercia
AV Central	McDonalds	
Beach Petroleum	MIMP	Photograph David Mattner
Boileau Business Solutions	Mayfields (Leighton Contractors Pty Ltd)	Gayl Males
Channel 7	McMahons	Terry Morley
Channel 9	Neutrog	
Channel 10	Peats Soil & Garden Supplies	Design Image & Substar
Coca Cola Amatil	Pro Paint n Panel	Coordinated by I
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Corporal Security	Santos	
ETSA Utilities	Showpony Advertising	
Event Shop	Singapore Airlines	
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Acknowledgements - 1 of 1

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Year In Review

### Wild Times

### Finals

Staff Zoo Patron Board Publications Presentations Student Involvement Life Members Membership Brochure Animal Adoption Brochure Animal Adoption Brochure Acknowledgements Financial Statement Minutes Of The 132nd AGM Minutes of Special/Periodic Meeting Erratum



## **Financial Statement**

Royal Zoological Society of South Australia Inc. Extracts from the Financial Statements

# Statement of Comprehensive Income – Year ended 30 June 2011

Revenue	
Revenue	
Total Revenue	
Expenses	
Salaries, Wages & On-Costs	(1
Animal Care	
Maintenance Consumables	
Cost of Sales	
Conservation & Research Projects	
Utilities	
Marketing & Promotion	
Safari & Other Tour Costs	
Depreciation	
Printing	
Other Expenses	
Total Expenses	(2
Profit before Financing Income	
Finance Income	
Finance Expenses	
Net financing expense	(
Profit/(Loss) for the Period	(

The information on this page is an extract from the unaudited accounts for the Society. The final Audited Accounts including signed Director's Report, Director's Statement and Auditor's Report were not available at the time of print of this Annual Report.

Financial Statement - 1 of 6

2011 (\$)	2010 (\$)
24,518,501	32,394,133
24,518,501	32,394,133
2,789,136)	(10,458,437)
(676,617)	(723,960)
(1,252,464)	(1,594,081)
(987,412)	(816,671)
(2,426,190)	(1,350,077)
(609,505)	(313,085)
(392,016)	(1,118,416)
(966,522)	(975,730)
(2,367,038)	(1,738,886)
(251,604)	(359,971)
(1,605,852)	(1,626,593)
4,324,356)	(21,075,907)
194,145	11,318,226
18,264	146,874
(1,748,497)	(1,148,166)
1,730,233)	(1,001,292)
1,536,088)	10,316,934

Year In Review

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Staff Zoo Patron Board Publications Presentations Student Involvement Life Members Membership Brochure Animal Adoption Brochure Animal Adoption Brochure Animal Adoption Brochure Statement Financial Statement Minutes Of The 132nd AGM Minutes of Special/Periodic Meeting Erratum



Royal Zoological Society of South Australia Inc. Extracts from the Financial Statements

# Balance Sheet – Year ended 30 June 2011

Current Assets	
Cash and Cash Equivalents	
Receivables and Prepayments	
nventories	
otal Current Assets	
Ion Current Assets	
wailable-for-sale Investments	
roperty, Plant and Equipment	
otal Non Current Assets otal Assets	5
Current Liabilities	
oans and Borrowings	1
undry Creditors	
Other Loans – Unsecured	
mployee Benefits	
otal Current Liabilities	3
Ion Current Liabilities	
oans and Borrowings	
mployee Benefits	
'otal Non Current Liabilities	
'otal Liabilities	
let Assets	2
leserves	
letained Funds	2
ccumulated Funds	2

The information on this page is an extract from the unaudited accounts for the Society. The final Audited Accounts including signed Director's Report, Director's Statement and Auditor's Report were not available at the time of print of this Annual Report.

Financial Statement - 2 of 6

1,342,468	406,952
639,565	1,435,278
874,188	824,910
2,856,221	2,667,140
11,870	110,448
56,906,007	58,346,203
56,917,877	58,456,651
59,774,098	61,123,791
24,652,679	24,841,548
5,953,283	5,500,618
-	150,000
1,813,487	1,628,690
32,419,449	32,120,856
92,914	315,593
447,408	337,998
540,322	653,591
32,959,771	32,744,447
26,814,327	28,349,344
3,448	2,377
26,810,879	28,346,967
26,814,327	28,349,344

2010 (\$)

2011 (\$)

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### **Finals**

Staff Zoo Patron Board Publications Presentations Student Involvement Life Members Membership Brochure Animal Adoption Brochure Acknowledgements **Financial Statement** Minutes Of The 132nd AGM Minutes of Special/Periodic Meeting Erratum



Royal Zoological Society of South Australia Inc. Extracts from the Financial Statements

# Statement of Cash Flows – Year ended 30 June 2011

	2011 (\$) Inflows (Outflows)	2010 (\$) Inflows (Outflows)
Cash Flows from Operating Activities		
Receipts		
User Charges	15,626,042	13,670,821
Donations, Bequests and Sponsorships	2,845,329	3,234,801
Payments		
Wages and Salaries	(12,401,304)	(10,264,433)
Suppliers	(6,075,676)	(6,270,345)
Other	(2,426,190)	(350,077)
Net Cash Provided by/(Used in) Operating Activities	(2,431,799)	20,767
Cash Flows from Capital and Investing Activities		
Purchase of available-for-sale investments	-	(41,501)
Purchase of Property, Plant and Equipment	(926,842)	(23,754,771)
Proceeds from sale of available-for-sale investments	109,607	516,750
Interest and dividends received	18,264	49,175
Net Cash Provided by/(Used in) Capital and Investing Activities	(798,971)	(23,230,347)
Cash Flows from Financing Activities		
Net Government Grants Received	5,126,000	3,126,000
Net Other Government Grants Received	850,584	1,304,005
Net Other Grants Received	499,747	(9,132)
Proceeds from Borrowings	-	19,995,204
Repayment of Borrowings	(561,548)	(25,000)
Payment of Interest	(1,748,497)	(1,148,166)
Net Cash Provided by Financing Activities	4,166,286	23,242,911
Net (Decrease)/Increase in Cash Held	935,516	33,331
Cash at the Beginning of the Year	406,952	373,621
Cash at the End of the Year	1,342,468	406,952
The information on this page is an extract from the unaudited accounts for		

the Society. The final Audited Accounts including signed Director's Report, Director's Statement and Auditor's Report were not available at the time of print of this Annual Report.

Financial Statement - 3 of 6

(798,971)	(23,230,347)
5,126,000	3,126,000
850,584	1,304,005
499,747	(9,132)
-	19,995,204
(561,548)	(25,000)
1,748,497)	(1,148,166)
4,166,286	23,242,911
935,516	33,331
406,952	373,621
1,342,468	406,952

Year In Review

### Wild Times

### Finals

Staff Zoo Patron Board Publications Presentations Student Involvement Life Members Membership Brochure Animal Adoption Brochure Animal Adoption Brochure Studements Financial Statement Minutes Of The 132nd AGM Minutes of Special/Periodic Meeting Erratum



Notes to and forming part of the Financial Statements Extracts from the Financial Statements

# **Revenue and Expenses**

	2011				
	Adelaide Zoo (\$)	Monarto Zoo (\$)	Warrawong (\$)	Society (\$)	Future Zoo Foundation (\$)
Revenue					
Admissions	6,413,507	1,353,770	-	-	-
Education	484,228	153,940	1,289	-	
Sponsorship	-	-	-	-	1,007,514
Bequests	-	-	-	-	533,738
Donations	12,815	1,952	-	1,099,381	189,929
Membership	-	- 1	-	2,366,990	-
Retail Sales	1,419,374	223,305	69,959	-	-
Catering Sales	499,487	55,946	424,811		-
Tours Income	456,868	198,725	210,515	(4,575)	-
Events	229,219	-	-	-	440
Sundry Sales/Income	204,530	17,227	-	50,776	9,958
Grants	-	-	-	6,832,883	
Total Revenue	9,720,028	2,004,865	706,574	10,345,455	1,741,579

The information on this page is an extract from the unaudited accounts for the Society. The final Audited Accounts including signed Director's Report, Director's Statement and Auditor's Report were not available at the time of print of this Annual Report.

Financial Statement - 4 of 6

Total (\$)	(\$)
7,767,277	7,262,401
639,457	747,435
1,007,514	1,118,640
533,738	796,856
1,304,077	1,319,305
2,366,990	2,089,929
1,712,638	2,042,427
980,244	369,987
861,533	458,610
229,659	377,369
282,491	180,169
6,832,883	15,631,005
24,518,501	32,394,133

Year In Review

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Staff Zoo Patron Board Publications Presentations Student Involvement Life Members Membership Brochure Animal Adoption Brochure Animal Adoption Brochure Students Financial Statement Minutes Of The 132nd AGM Minutes of Special/Periodic Meeting Erratum



Notes to and forming part of the Financial Statements Extracts from the Financial Statements

# **Revenue and Expenses (continued)**

	2011				
	Adelaide Zoo (\$)	Monarto Zoo (\$)	Warrawong (\$)	Society (\$)	Future Zoo Foundation (\$)
Expenses					
Salaries, Wages & On-Costs	6,104,724	2,315,894	607,968	3,451,141	309,409
Animal Care	230,953	306,454	9,765	129,445	
Maintenance Consumables	824,542	329,104	44,456	54,362	-
Cost of Sales	695,807	110,995	180,610	-	-
Conservation & Research Projects	-	4,094	-	2,422,096	-
Utilities	424,855	137,329	47,321		- 100
Marketing & Promotion	252,517	58,728	48,325	32,446	-
Safari & Other Tour Costs	343,533	622,989	-		
Depreciation	-	-	-	2,367,038	-
Printing/Postage/Stationery	33,389	25,091	4,897	187,421	806
Other Expenses	370,168	98,659	139,881	968,485	28,659
Total Expenses	9,280,488	4,009,337	1,083,223	9,612,434	338,874

The information on this page is an extract from the unaudited accounts for the Society. The final Audited Accounts including signed Director's Report, Director's Statement and Auditor's Report were not available at the time of print of this Annual Report.

Financial Statement - 5 of 6

(\$)
10,458,437
723,960
1,594,081
816,671
1,350,077
313,085
1,118,416
975,730
1,738,886
359,971
1,626,593
21,075,907

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Notes to and forming part of the Financial Statements Extracts from the Financial Statements

# **Net Financing Income**

	2011			2010	
	Society (\$)	Future Zoo Foundation (\$)	Life Members Fund (\$)	Total (\$)	(\$)
Interest income	13,379	341	8	13,728	13,237
Dividends, Distributions and Franking Credits	-	3,870	666	4,536	35,938
Gain on Foreign Currency Transactions	-	-		-	59,567
Net Gain/(loss) on disposal of available-for-sale Investments	-	-	-	-	38,132
Finance Income	13,379	4,211	674	18,264	146,874
Interest Expense	(1,748,497)	-	-	(1,748,497)	(1,148,166)
Finance Expenses	(1,748,497)	-	-	(1,748,497)	(1,148,166)
Net Finance Expense	(1,735,118)	4,211	674	(1,730,233)	(1,001,292)

The financial report for the year ended 30 June 2011 has been prepared in accordance with Australian Accounting Standards, (including Australian Interpretation) adopted by the Australian Accounting Standards Board ("AASB") and the Associations Incorporations Act. The final Audited Financial Statements will be issued prior to the Annual General Meeting, but it is anticipated that no material changes will occur to the Financial Statements. \*Copies of the Audited Financial Statements for the year ended 30 June 2011 are available to members at the Annual General Meeting.

The information on this page is an extract from the unaudited accounts for the Society. The final Audited Accounts including signed Director's Report, Director's Statement and Auditor's Report were not available at the time of print of this Annual Report.

Financial Statement - 6 of 6

### Year In Review

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Staff Zoo Patron Board Publications Presentations Student Involvement Life Members Membership Brochure Animal Adoption Brochure Acknowledgements **Financial Statement** Minutes Of The 132nd AGM Minutes of Special/Periodic Meeting Erratum



**Minutes Of The** 132nd Annual **General Meeting** 

Held in the Conference Centre, Adelaide Zoo on Thursday, 25th November 2010

- 1. The meeting opened with the President, Mrs Heather Caddick in the Chair. Mrs Caddick welcomed seventy five Members and guests present. She gave a special welcome to Past President Tony Davidson and Past Chief Executive Dr Ed McAlister AO
- 2. Apologies for non attendance were received from two members.
- 3. Minutes of the 131st Annual General Meeting were confirmed (moved Dr Carla Litchfield, seconded Kevin McGuinness). There were no matters arising from the minutes.
- 4. Review of the year 2009/2010 by the President.

President Heather Caddick highlighted the following:

- 2009/2010 has seen the realization of dreams and unprecedented expansion of Zoos SA with our internationally famous residents "Funi" and "Wang Wang".
- New Entrance complex up and running
- Acquisition of Warrawong in partnership with the Ngarrindjeri

- Expansion of Monarto with Wild Africa project
- Chimp habitat a stand out attraction
- Zen Solar Farm launched in October will provide all Monarto's energy needs
- Careful 2010/2011 budget to allow for "catch up" after a substantial outlay to meet deadlines and complete projects
- Expansion of Zoos SA now encompassing 3 sites
- Management team augmented and restructured to meet new challenges and directions
- Governance Review initiated to ensure Board can call on organisation
- Review team chaired by Dr Carla Litchfield is exploring Meeting
- Visitation at Adelaide Zoo up 80% with 30% Interstate/ Internationals
- Monarto gathering momentum again
- Public perception Zoos SA is a zoo based conservation organisation
- Increased commercial success means more direct funds extinction"

Minutes Of The 132nd AGM - 1 of 3

the right range of skills required by a large and complex

options with a report proposed for the 2011 Periodic

to focus on our core ethos "We exist to save species from

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### **Finals**

Staff Zoo Patron Board Publications Presentations Student Involvement Life Members Membership Brochure Animal Adoption Brochure Acknowledgements **Financial Statement** Minutes Of The 132nd AGM Minutes of Special/Periodic Meeting Erratum



- Conservation Ark under the direction of Simon Habel is gaining national prominence
- \$1.1M grant secured by Conservation Ark for ground breaking work in the Kimberley
- Science and Research opportunities are being utilized by PHD students
- Notable projects this year include Tasmanian Devils, Warru recovery, Wombat Musters, Frog Atlas, Monarto Zoo feral control and re-vegetation
- Community partners growing with links to the people of the APY lands, indigenous education at Monarto and Warrawong
- Working with disability groups like Novita, Tutti and welfare agencies like St Vincent de Paul, Anglicare and the Salvation Army
- Launch of the Santos Conservation Centre with standout exhibitions during NAIDOC week and the SALA Festival
- Zoos SA Education provides class time for 80,000 students per year
- Zoomobile expanding thanks to McDonalds sponsorship
- 32,000 members and still growing
- The President expressed her sincere thanks for the friendship and support over the past 4 years with the "Renaissance" at Zoos SA

- volunteers
- The President thanked the Board for their hard work, support and enthusiasm
- The President thanked Kevin McGuinness and wished thanked Carla Litchfield, Lea Kent and Neil Killmier
- The President said that it had been an honour and privilege to have been President for 4 years
- 5. Adoption of the Balance Sheet and Accounts for Members as soon as available.
- 6. Appointment of Auditor for 2010/2011. The President auditor for the coming year 2010/2011.
- 7. Report of the Board in accordance with the Associations 2009/2010 period no officer has received any benefit of a pecuniary value other than in the case of officers employed by the Society.

• The President thanked Chief Executive and staff and 400

him well as the incoming President. She also specifically

2009/2010. The President reported that the Accounts were under review by the Auditor and will be provided to

reported the Board had appointed K.P.M.G. as the Society

Incorporation Act S35(S) concerning disclosure of any benefit to office holders. The Board reported that during

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Staff Zoo Patron Board Publications Presentations Student Involvement Life Members Membership Brochure Animal Adoption Brochure Acknowledgements **Financial Statement** Minutes Of The 132nd AGM Minutes of Special/Periodic Meeting Erratum



- 8. Changes to the Membership of the Board:
- The President declared the results of the 2010 8.1 Board election being:

President	Mr Kevin McGuinness (2 years)
Vice President	Dr Carla Litchfield (2 years)
Board members	Mr Nicholas Newland (2 years)

Mr Clive Watts (2 years)

Mr Rodney Hobbs (1 year)

Board member elected by Employees

Ms Lea Kent (2 years)

- 9. Proposed amendments to Rule 3 Membership and Subscriptions were circulated with the notice of the Annual General Meeting. Mr Werner Zureich moved seconded by Dr Carla Litchfield that the amendments be incorporated into the Rules. Motion Carried. The Secretary advised that a copy of the revised rules would be submitted to the Office of Consumer and Business Affairs.
- 10. There being no other business the President closed the meeting and invited Mr Kevin McGuinness to address the meeting.

meeting on "Conservation Ark activities".

Simon gave a screen presentation including:

- Kimberley Project \$1M Commonwealth Grant
- Southern Hairy Nosed Wombats
- Warru
- Bush Tailed Rock Wallabies
- Details of his recent China trip to Wolong and the new Panda base site

Simon also described research being carried out in Adelaide on the Pandas.

- 12. The President then invited Dr Ed McAlister to address for her service to the Society as a Board member and President.
- 13. The President then invited members and guests to remain for light refreshments.

11.Mr McGuiness thanked members for their support of his election as President. He then introduced Simon Habel. Executive Director Conservation Ark who addressed the

the meeting. Dr McAlister thanked Heather Caddick

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# Minutes of Special/ Periodic Meeting

Held in the Adelaide Zoo Santos Conservation Centre on 11th May 2011 at 7.00pm

The President Mr Kevin McGuinness welcomed the one hundred and sixteen members and guests to the Special/ Periodic meeting and thanked them for their attendance. He confirmed that a quorum of members was in attendance as required by the Rules of the Society.

He informed the meeting that following the formal matter of the Special Meeting CEO Prof Chris West would make a presentation on some of our key conservation links. Apologies were received from Dr Carla Litchfield, Mr Nicholas Newland and William Harradine.

### **Special Meeting**

The President advised that the past six months had been a period of consolidation for Zoos SA. As expected after the initial 12 month period of hype and excitement associated with the Pandas, visitations to Adelaide Zoo had plateaued. However they continue at levels well above pre-pandas, on average some 40% above. He said Zoos SA continues to benefit from the profile delivered by the Pandas.

He said he was pleased to report encouraging growth in visitor numbers at Monarto following a flat 2010. He advised that attention is being turned to Monarto given the tremendous opportunity it presents.

Zoos SA is continuing to look at options for the development

of Monarto including the adjoining land which was acquired in 2007 and would like to be in a position in the next 12 months to confirm plans following completion of appropriate process and diligence.

He advised that across all sites visitor numbers continue at well over half a million per annum including 80,000 as part of our education programs. He said that Zoos SA continues to take a leadership position with respect to conservation activities and that our work on native Australian animals remains core to our focus.

He then said that tonight we have tabled the financial statement for the year to June 2010. A draft of these accounts was provided in the Annual Report forwarded to members in October 2010. He advised that at the Annual General Meeting the Society was waiting on finalisation of Zoos SA banking arrangements and audit both of which has since been completed. He advised that the financial position of Zoos SA reflects the strategic investment in upgrading facilities at both Adelaide and Monarto a substantial position of which relates to the new entrance and Panda exhibit. He advised that Zoos SA was focused on prudent financial management to ensure that it would meet its financial commitments.

He advised that Zoos SA recently commissioned a major independent accounting firm to quantify and understand the economic benefit Zoos SA brings to the South Australian economy. The Economic Impact Study confirmed that Zoos SA had achieved a leadership position in tourism and conservation in SA and contributes in excess of \$100M per annum to the broader economy through employment and tourism.

Minutes of Special/Periodic Meeting – 1 of 2

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### **Finals**

Staff Zoo Patron Board Publications Presentations Student Involvement Life Members Membership Brochure Animal Adoption Brochure Acknowledgements **Financial Statement** Minutes Of The 132nd AGM Minutes of Special/Periodic Meeting Erratum



Some important extracts from the study include:

- Zoos SA supports over 200 jobs directly and the equivalent of 2,000 full time jobs across South Australia
- The contribution of the pandas exceeds \$20M per annum
- Zoos SA makes a significant contribution to the education and social capital of the State

He advised that the contribution Zoos SA makes comes at a cost an ensuring that we receive a fair proportion of this benefit drives our core values and mission as a key goal of our organisation. He said that to this end whilst we are not in a position to provide detail at this meeting he could advise and assure members that the Board and senior management continue to look at appropriate funding options for Zoos SA aimed at allowing the organisation to continue to pursue its vision and goals. I hope that over the coming months we will be able to update members on positive progress he said.

He advised that the two of the Board representatives appointed by Government Mia Toscano and Vicki Linton had resigned and were being replaced by Susan Close and Gerard MacDonald who will join the Board in July. The President thanked his fellow Board members for their support. He also thanked Chris West, the management team, staff and volunteers for their commitment and dedication. The President then moved to the formal part of the meeting seeking questions from the meeting with respect to the financial statements. There being no questions he sought a motion to adopt the Balance Sheet and Accounts for 2009/10.

Clive Watts moved seconded by Tom Whitworth that the Audited accounts be adopted.

The motion was carried by a show of hands.

The President then closed the Special Meeting and asked Chris West to make his presentation to the Periodic Meeting.

### **Periodic Meeting**

To begin his address Prof Chris West told the meeting that this week had been exciting in that there had been the birth of a Rhinoceros a Lion and an Orangutan. Using a screen presentation Prof West talked of our conservation links in Africa, China, Indonesia and Solomon Islands. He provided a graphic illustration of the growth of the human population and the threat that provided to other species. He commented on the Ernst & Young report referred to by the President. He advised that membership had now reached 33,000.

The President then closed the meeting and invited those present to join him for refreshments.

The meeting concluded at 9.00pm.

Minutes of Special/Periodic Meeting - 2 of 2

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Staff Zoo Patron Board Publications Presentations Student Involvement Life Members Membership Brochure Animal Adoption Brochure Acknowledgements **Financial Statement** Minutes Of The 132nd AGM Minutes of Special/Periodic Meeting

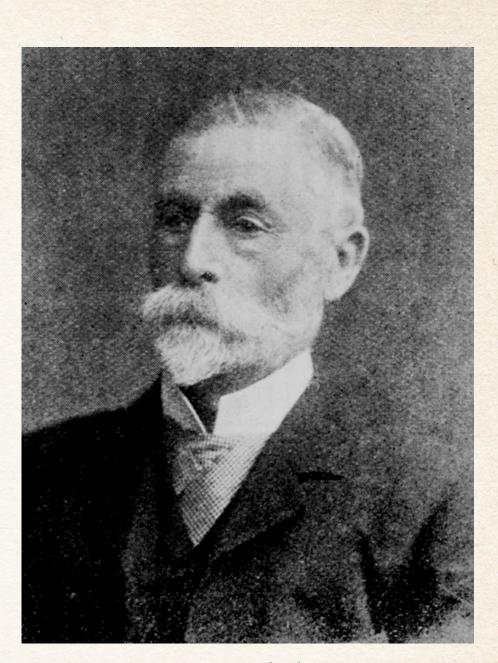
### Erratum: 2009 - 10 Annual Report

There was an error in the History section of the 2009 - 10 edition of the Annual Report.

Simpson Newland was the President of the Society (from 1906 – 23) when the Frome Road gates were built in 1910 and not Simpson Newman as stated in the text of the report.

The Society apologises to Mr. Nicholas Newland AM, RZSSA Board Member, and to his family for any distress this may have caused.

Also Mr. Simpson Newland's title was indicated as "Esq". Mr. Newland was appointed C.M.G (Companion of the Order of St.Michael and St.George) in 1922 whilst he was still President of the Society. In 1909 – 10, the time the piece refers to, his title was still "Esq." as recorded on the annual report for that financial year.



27 July 1906 - 26 October 1923

Mr. Simpson Newland, C.M.G President, RZSSA