



**Government
of South Australia**



**Board of the
Botanic Gardens
and State Herbarium**

2020-21 Annual Report

BOTANIC GARDENS AND STATE HERBARIUM

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To:

The Hon. David Speirs MP
Minister for Environment and Water

Portfolios:

- Sustainability, Environment and Conservation
- Water and the River Murray
- Climate Change

This annual report will be presented to Parliament to meet the statutory reporting requirements of the *Botanic Gardens and State Herbarium Act 1978* and the requirements of Premier and Cabinet Circular *PC013 Annual Reporting*.

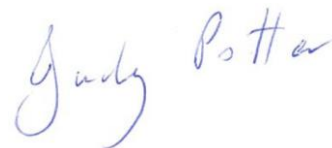
This report is verified to be accurate for the purposes of annual reporting to the Parliament of South Australia.

Submitted on behalf of the BOARD OF THE BOTANIC GARDENS AND STATE HERBARIUM by:

Judy Potter
Presiding Member

Date: 30 September 2021

Signature:



Reconciliation statement

The Board of the Botanic Gardens and State Herbarium recognises South Australia's Aboriginal people as the traditional custodians of the State's lands, water, plants and animals – commonly known as Country. We observe that Country is central to the social, cultural and spiritual lives of Aboriginal people. We will build respectful and honest relationships through our work and develop a better awareness of Aboriginal history, knowledge and culture.

From the Presiding Member of the Board



The Botanic Gardens and State Herbarium has developed to be an important part of the cultural and scientific fabric of South Australia. With three botanic garden estates (Adelaide, Mount Lofty and Wittunga), the State Herbarium, and the heritage landscape of Botanic Park – we provide a diversity of experiences, services and expertise to the community. We are part of a global community of botanical institutions that cultivate and curate plants and landscapes, and undertake botanical research, to inspire and advance botanical understanding.

What we have seen over the past year is the community's yearning to connect with nature and seek solace in the beauty and tranquillity our institution offers. With a COVID-19 altered world as the new norm, 2020-21 has been a time of building adaptability and resilience. We have been very fortunate in South Australia and for the greater part of the year we have kept our botanic garden estates open. A three-day lockdown in November 2020 resulted in closure of both Adelaide and Wittunga Botanic Gardens for the first time during COVID restrictions. The Board has been mindful of the essential role of the botanic gardens for respite and overall community wellbeing, and we know these gardens have never been more important to South Australians.

Despite these challenges, there have been many achievements this year. The Board of the Botanic Gardens and State Herbarium (BGSH) acknowledges the vital 2020-21 State Budget allocation of \$12.2 million for investing in Adelaide and Mount Lofty Botanic Gardens and Botanic Park. This funding will support back to basics infrastructure developments, enhance the garden experience and benefit our visitors long into the future.

The Adelaide City Deal supported capital works has transformed Wittunga Botanic Garden over two years. Through extensive developments, including a nature themed play space, Wittunga is opening up to new audiences and helping create connections and understanding of the natural environment during the formative

years of young people. Wittunga's rejuvenation has certainly been noticed by the community, with a 40 percent increase in visits over the last year.

A significant accomplishment has also been the updating of Masterplans for the three botanic gardens. These strategic plans outline the vision for all future infrastructure and visitor amenities across the gardens, and will guide our long-term development investment.

Given the impact of bushfires in South Australia in 2019-20, BGSB's staff have focussed considerable effort on bushfire recovery and plant conservation related activities. This has been possible through the generous support of the Adelaide Botanic Gardens Foundation, government grants and BGSB funding partners and volunteers. A significant focus of our work has been on Kangaroo Island, where regular fieldwork has enabled our staff to assess and report on regrowth in fire-affected areas, as well as collect herbarium specimens and viable seeds from threatened plants. These collections are vital for understanding the long-term effects of bushfires on native species regeneration, as well as enabling future landscape restoration and species recovery works. I would also like to acknowledge the Royal Botanic Gardens, Kew, for its financial support of this important restoration work.

Our public programmes have been the most impacted part of our operations due to COVID. Nevertheless, through partnerships with the arts and culture sector, we have continued to curate a diverse public programme, albeit smaller in scale. Botanica Lumina has run during evenings in both 2020 and 2021. This programme offers music, art, film, food and cultural experience to attract all ages into Adelaide Botanic Garden and support activation in the City's east end. The Santos Museum of Economic Botany continues to host inspiring exhibitions and this year Alison Mitchell's *Unlemon: A meandering tale of citrus* and Catherine Truman's *Shared reckonings* both received rave reviews.

Visitation at our Mount Lofty and Wittunga gardens continues to increase as these attractions build strong seasonal visitation. In contrast, Adelaide Botanic Garden has continued to be impacted by the reduction in interstate and overseas tourist visitation (COVID-19 related) and less visitors to Adelaide's central business district. Consequently, we launched the 'Be Here' marketing campaign from March-June promoting the Adelaide Botanic Garden as a 'go to' destination – Explore Here, Play Here, Unwind Here and Dine Here.

This year, the Board also appointed Mr Michael Harvey as the tenth Director of the Botanic Gardens and State Herbarium, commencing on 5 July 2021. Michael brings 20 years of experience in the museum, cultural and science sector to the role, with a particular focus on museums of science and natural history. Michael's experience is strongly linked to the natural history of our world, and brings with him a deep understanding of the intrinsic connections between nature, people and culture. We are delighted to have Michael on board for the next chapter in our institution's narrative.

I take this opportunity to thank Dr Lucy Sutherland, the outgoing Director of Botanic Gardens and State Herbarium. Appointed in 2016, Lucy led the development of the *Strategic Plan 2017-22* and worked tirelessly to deliver on those strategic goals. Lucy's valuable legacy includes the re-integration of the State Herbarium with the Botanic Gardens, new Masterplans for all three gardens, leadership during the challenges of a global pandemic, enabling the transformation of Wittunga aligned to community wishes, restoring and activating state heritage assets and the successful development of significant events and growth in public programmes - opening up the

gardens to a wider audience. Lucy delivered a broader social development agenda with the newly established Horticultural Therapy programme.

I would like to acknowledge and thank the work of the Adelaide Botanic Gardens Foundation. After a two-year revitalisation campaign *Celebrating Renewal*, just over \$1 million has been secured since 2019, which has contributed to initiatives such as the Horticultural Therapy program, Rose Garden revitalisation and a number of SA Seed Conservation Centre Kangaroo Island field trips. The Foundation has a committed membership base and works to secure well aligned Corporate Partnerships and grow relationships with philanthropic Trusts and Foundations.

On behalf of the Board, I thank the Friends of the Botanic Gardens of Adelaide. You continue to inspire with your passion, generosity and dedication – it really helps us to achieve long-lasting change. In addition to the significant annual contribution of volunteering, I recognise the patience of our volunteers who were so keen to get back to ‘business as normal’ whilst we navigated the obstacles that COVID-19 presented.

I welcome Mr Peter Kennedy who joined the Board in March. Peter has diverse knowledge and experience and his skills will make an important contribution to the Board. I thank my fellow Board Members for their leadership and expertise.

On behalf of the Board, I also extend my thanks to the Hon David Speirs MP, Minister for Environment and Water and to Mr John Schutz, Chief Executive of the Department for Environment and Water, for their ongoing support.

We cannot do our valuable work without the wonderful staff and volunteers of the BGSB – I thank them for their diligence and commitment, which extends beyond a job.

The work undertaken by BGSB is critical providing world-class gardens that allow connection and engagement with nature and community, as well as essential research and knowledge sharing. The Board looks forward to continuing to broaden and deepen the role and importance of the Botanic Gardens and State Herbarium.



Judy Potter
Presiding Member
Board of the Botanic Gardens and State Herbarium

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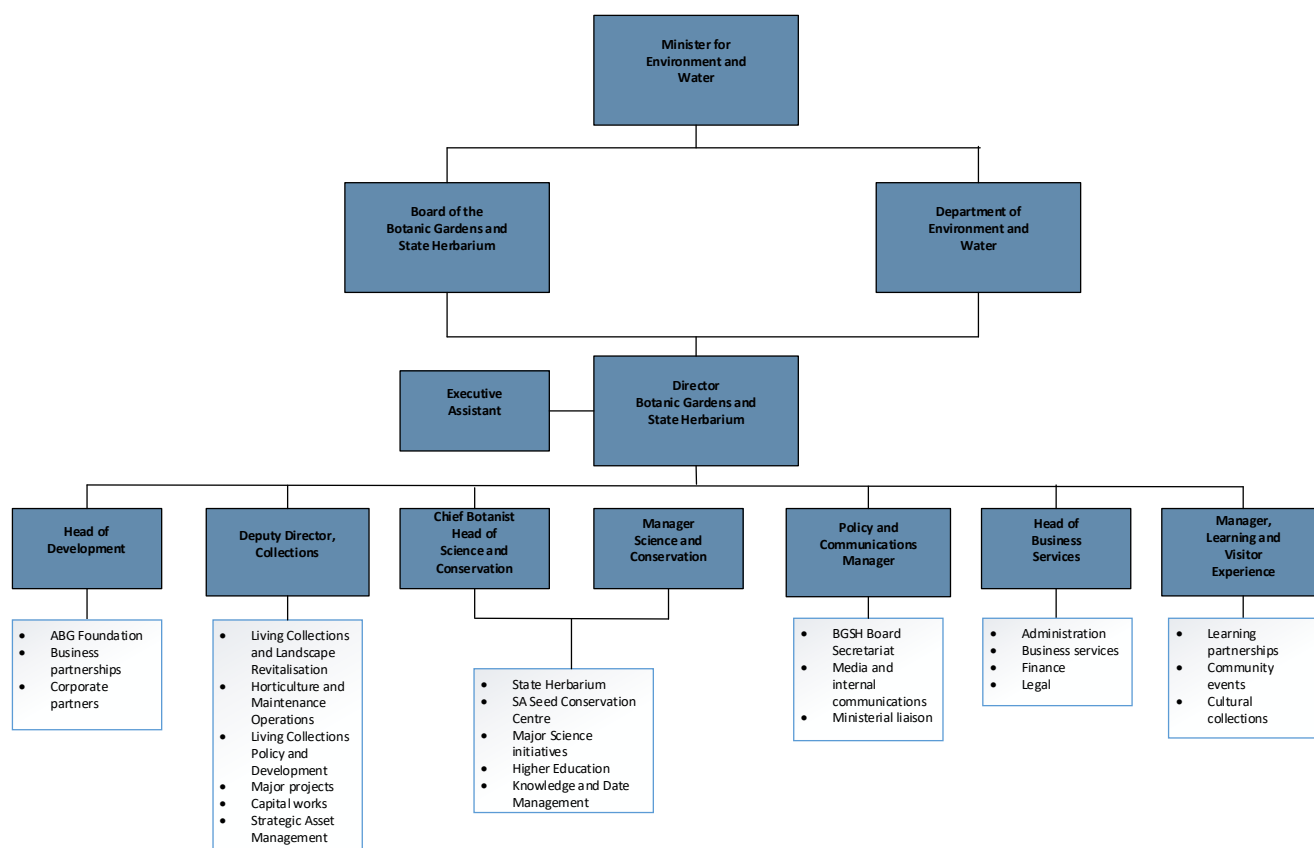
Overview: about the Board

Our strategic focus

Our purpose	<p>Botanic gardens are institutions holding documented collections of living and preserved plants for the purposes of scientific research, conservation, display and education. The Board of the Botanic Gardens and State Herbarium (the Board) is established under Section 6 of the <i>Botanic Gardens and State Herbarium Act 1978</i> (the Act) and is subject to the general direction and control of the Minister for Environment and Water. The object of the Act is to provide for the establishment and management of public botanic gardens and herbaria and for other purposes. The Board is responsible for administering the Act and has responsibility for Adelaide Botanic Garden, Botanic Park, Mount Lofty Botanic Garden, Wittunga Botanic Garden and the State Herbarium. It is also responsible for Botanic Reserves, as described in Section 3 of the <i>Botanic Gardens and State Herbarium Regulations 2007</i>.</p>
Our vision	<p>Our vision is a community inspired to actively contribute to the sustainability of our world. Through our work in realising this vision, the Botanic Gardens and State Herbarium will be recognised as world-class in botanical sciences, collections and conservation, influential in leading changes in humanity and be a creative and collaborative institution that advances thinking through experimental approaches.</p>
Our mission	<p>Our mission is to build an understanding and appreciation of the botanical world. We manage living, cultural and preserved collections and use our science and research to improve understanding of the botanical world, support our community's resilience and sustainability, and guide evidence-based decision making that informs effective legislation, policies, education, management and land use.</p> <p>We engage with the wider community to share stories and enhance understanding and appreciation of the importance of plants in sustaining life and as a key part of cultural identity.</p> <p>Our places provide unique experiences and learning opportunities, offer areas and facilities that promote health and wellbeing and create an urban oasis of peace and tranquillity.</p>
Our strategic focus	<p>Our overarching strategic focus is to develop as a global destination. We concentrate on three focus areas to guide our efforts towards realising our long-term vision:</p> <ol style="list-style-type: none"> 1. Creating destination gardens 2. Deepening our science 3. Facilitating lifelong learning and engagement

<p>Our functions</p>	<p>Section 13 of the <i>Botanic Gardens and State Herbarium Act (1978)</i> defines the functions of the Board as follows:</p> <p>(a) to establish and maintain botanic and other gardens for the use and enjoyment of members of the public on land vested in or placed under the control of the Board; and</p> <p>(b) to establish and manage in, or in connection with, its gardens exhibitions of interest in the fields of botany, horticulture, biology, conservation of the natural environment or history; and</p> <p>(c) to establish and maintain a herbarium and, subject to this Act, to retain original specimens included in the herbarium; and</p> <p>(d) to accumulate and care for specimens (whether living or preserved), objects and things of interest in the fields of botany, horticulture, biology, conservation of the natural environment or history; and</p> <p>(e) to accumulate and classify data in regard to any such matters; and</p> <p>(f) to manage all lands and premises vested in, or placed under the control of, the Board; and</p> <p>(g) to manage all funds vested in, or under the control of, the Board and to apply those funds in accordance with the terms and conditions of any instrument of trust or other instrument affecting the disposition of those funds; and</p> <p>(h) to carry out, or promote, research into matters of interest in the fields of botany, horticulture, biology, conservation of the natural environment or history; and</p> <p>(i) to disseminate information of interest in the fields of botany, horticulture, biology, conservation of the natural environment or history; and</p> <p>(j) to undertake the commercial exploitation of knowledge acquired by the Board in the course of conducting research; and</p> <p>(k) to sell or propagate and sell (whether alone or in partnership or joint venture with a nursery business) hybrids or cultivated varieties of plants that—</p> <p style="padding-left: 40px;">(i) have occurred spontaneously in the Board's gardens or been developed in the course of its research activities; and</p> <p style="padding-left: 40px;">(ii) are not widely commercially available in the State; and</p> <p>(l) to provide consultant services; and</p> <p>(m) to perform any other functions of scientific, educational or historical significance that may be assigned to the Board by regulation.</p>
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Our organisational structure



Changes to the Board

During 2020-21 there were no changes to the Board's structure and objectives as a result of internal reviews or machinery of government changes.

Our Minister



The Hon David Speirs MP is the Minister for Environment and Water. The Minister is responsible for Sustainability, Environment and Conservation, Water and the River Murray and Climate Change.

Our Executive team

Judy Potter

Presiding Member

Chair, Governance Review Sub-Committee

Member, Strategic Asset Management Sub-Committee



Roberto DiMonte

Board Member

Chair, Finance and Risk Management Sub-Committee

Member, Governance Review Sub-Committee



Andrew Kay

Board Member

Chair, Adelaide Botanic Gardens Foundation



Peter Kennedy

Board Member (appointed March 2021)

Member, Strategic Asset Management Sub-Committee



Laura Parry

Board Member

Member, Finance and Risk Management Sub-Committee



Elizabeth (Libby) Raupach OAM

Board Member

Member, Adelaide Botanic Gardens Foundation



Isobel Redmond

Board Member

Chair, Strategic Asset Management Sub-Committee



Jamie Restas

Board Member

Member, Finance and Risk Management Sub-Committee

Member, Governance Review Sub-Committee



Legislation administered by the Board

Botanic Gardens and State Herbarium Act (1978)

Botanic Gardens and State Herbarium Regulations (2007)

The Board's performance

Performance at a glance

The performance of the Board of the Botanic Gardens and State Herbarium is guided by its *Strategic Plan 2017-2022* and implemented through a five year business plan that guides operations. 2020-21 has been a significant year for the Botanic Gardens and State Herbarium with strategic milestones achieved, despite COVID-19 related challenges.

Achievements aligned to the Board's strategic focus areas in 2020-21 include:

- Creating Destination Gardens:
 - Completing a two-year revitalisation of Wittunga Botanic Garden.
 - Delivery of *Be Here* marketing campaign for Adelaide Botanic Garden driving 10% increase in visitation.
 - Securing \$12.2 million from the State Budget for infrastructure upgrades to Adelaide and Mount Lofty Botanic Gardens and Botanic Park.
- Deepening our Science:
 - Utilising our significant scientific expertise and knowledge to lead and support the state's bushfire recovery efforts, as well as focussed work on the restoration and recovery of 33 species, of which 27 are threatened in South Australia.
 - \$1.58 million direct funding secured by the Science and Conservation programme to further taxonomic research, conservation research and ex situ restoration, including bushfire recovery efforts.
 - Sharing knowledge by publishing 80 scientific publications, with 41 featuring in peer-reviewed journals.
 - Digitisation of Herbarium collections with 1620 specimens imaged and 86 DNA reference sequences added.
- Lifelong Learning and Engagement:
 - DigiVol Citizen Science Programme resulted in the transcription of 29,908 digital images of bryophyte herbarium specimens by community volunteers.
 - 283 Biological Science students enrolled including 82 undergraduates enrolled in 2nd year Plant Identification training coordinated by Chief Botanist.
 - The new Horticultural Therapy programme was launched with support from philanthropic and corporate partners.

Masterplans for Adelaide Botanic Garden, Mount Lofty Botanic Garden and Wittunga Botanic Garden were completed and signed off by the Board. The masterplans involved robust community engagement and will guide the future infrastructure and visitor amenity development in these botanic garden estates.

The Botanic Gardens and State Herbarium has efficiently and effectively adapted operations to various COVID-19 related government directives. For the majority of the year the Board has been able to keep the three botanic gardens estates open to support community health and well-being, as well as support the operations of its

business partners. The gardens were closed for two days during a government-mandated lockdown in November 2020.

Mount Lofty Botanic Garden continues to show peak visitation each autumn and visitation shows an increase of almost 50 per cent over the previous year. Mount Lofty Botanic Garden closed for eight days during severe fire restrictions in the summer.

Adelaide Botanic Garden visitor numbers have declined by up to 40 percent in recent years. This has been attributed largely to the relocation of the Royal Adelaide Hospital and more recently due to the COVID-19 pandemic, which has affected local, interstate and international visitation and more specifically visitation to the Adelaide CBD. The Botanic Gardens and State Herbarium is addressing this by diversifying its public programmes to attract new visitors to Adelaide Botanic Garden and the city's east end. Botanica Lumina, a programme of curated evening experiences in the gardens, is running for its second year. In recent months, visitation to Adelaide Botanic Garden has seen a steady gain of approximately 10 percent on last year's numbers.

In addition to the popular garden infrastructure and collection upgrades, the launch of the new Wittunga Botanic Garden nature-themed playspace (funded through Adelaide City Deal) in April 2021 heralded a new direction for the garden and consolidated its importance for inter-generational 'life-long learning'. Community input and collaboration with Blackwood Primary School helped shape the transformation of Wittunga. Improvements to the lake edge, a new viewing platform, more visitor paths and furniture, and an upgraded Sherbourne Road entrance have all been popular improvements. Since opening, visitation has spiked by almost 60% compared to the same time last year and feedback received has been overwhelmingly positive.

This year community volunteers made an important contribution of 34,769 hours to support the institution's activities (equating to 19.3 FTE's), marking a gradual return to pre-COVID-19 levels. While pandemic restrictions are still having some impact on volunteer activity, the remarkable efforts of our dedicated volunteers continues to be of great value to the institution. Volunteers supporting work in the International Rose Garden alone contributed 1237 hours. Furthermore, 29,908 bryophyte envelopes were barcoded, imaged and transcribed in DigiVol. Almost 300 volunteers, from across the globe, did this work in around 4984 hours.

The BGSB Chief Botanist continues to lead 'Healthy Coorong, Healthy Basin' research to restore and protect aquatic plant habitats within the southern Coorong, particularly hypersalinity tolerant aquatic plants (including *Ruppia spp*). The area is at risk from ongoing habitat change and the impact of filamentous algae. This critical work is key to the long term recovery of local flora and fauna in this Ramsar wetland, the area is an important international migratory bird refuge.

Board contribution to whole of Government objectives

Key objective	Board's contribution
More jobs	<p>Lifelong learning and education is a fundamental objective of the Botanic Gardens and State Herbarium (BGSB). The Board strategically prioritises professional development opportunities in horticulture, science, research and teaching:</p> <ul style="list-style-type: none"> – Through the Australian Centre of Horticulture Excellence (ACoHE), BGSB contributes to vocational education and training (VET), which provides nationally accredited qualifications in horticulture. Alumni of ACoHE are highly qualified contributors to South Australia's nursery and horticultural industry. – Through joint staff appointments with the University of Adelaide, BGSB provides expertise to the tertiary education sector through teaching and supervision of postgraduate students. Training future generations of botanists, taxonomists, seed conservationists and natural resource managers ensures succession planning in South Australia. – BGSB's major event programme was impacted by COVID-19. WOMAdelaide was relocated to another venue in 2021. The Board has signed a 5-year agreement with WOMAdelaide and the event will return to Botanic Park in 2022. This significant event provides employment to local suppliers and vendors and significant opportunities to the arts and culture sector. The newly launched Botanica Lumina curated night programme was modified for COVID restrictions and commenced on 31 July 2020. The 2021 programme was launched in April 2021. The program provides new employment opportunities for artists, creatives and to third party suppliers, as well as supporting neighbourhood activation in the City's east end. – BGSB's capital works program employed 45 contractors to undertake developments in Wittunga Botanic Garden. – BGSB's teacher professional development programme builds Science, Technology,

	<p>Engineering and Mathematics (STEM) competence through 'real world' situations.</p> <ul style="list-style-type: none"> – The renovation of the Botanic Garden Restaurant, managed by business partner Blanco Horner, has provided employment to the building and construction industry. Work undertaken included restaurant refurbishment and the Board has supported the replacement of the air conditioning system, electrical upgrade, roofing repair and asbestos removal.
Lower costs	<p>Through the operations undertaken in a sustainable landscapes framework, the BGSB implements and manages a range of efficiency initiatives:</p> <ul style="list-style-type: none"> – Work continued on the First Creek Wetland ecosystem, an integral part of an aquifer storage and recovery system, to enable it to mitigate floods and, in the near future, contribute to potentially supplying all of Adelaide Botanic Garden's collections irrigation needs. – Upgraded irrigation systems and new mulching applications create water use efficiencies, support an integrated pest management system and the long term sustainable management of living collections, soils and garden landscapes. – In 2020-21, water cost savings at Adelaide Botanic Garden (excluding building, commercial sites and Botanic Park) were achieved through a combination of reduced losses due to repaired leaks, more control over irrigation programming and a milder summer requiring a reduction in watering required for collection sustainability.
Better services	<ul style="list-style-type: none"> – Partnerships enable the Board to diversify its business model and increase its visitor services to provide unique botanic garden experiences and deliver quality scientific and educational information and services. – The increased digitisation and imaging of the State Herbarium and Seed Conservation Centre's collections is improving the availability of evidence based science for government, business and industry reliant on this knowledge. – A trial of extended opening hours were initiated during 2020-21 across Adelaide and Wittunga Botanic Gardens.

Board specific objectives and performance

Board objectives	Indicators	Performance
Creating destination gardens – visitor experiences	<p>Increase in seasonal and annual visitation and customer satisfaction.</p> <p>Developing Partnerships to expand activity in Mount Lofty and Wittunga Botanic Gardens</p>	<p>There was an overall 7.4 percent increase in annual visitation this year with 2.01 million visits to BGSH estates (Adelaide, Mount Lofty and Wittunga Botanic Gardens and Botanic Park).</p> <p>Adelaide Botanic Garden experienced an overall 17 percent decrease compared to last year with 696,643 visits in 2020-21. Decline in visitation is largely attributed to the COVID-19 pandemic and a significant reduction in people commuting to the Adelaide CBD. A diversification of public programmes has been implemented to attract new visitors to the Garden and Adelaide's east-end.</p> <p>The Board also initiated the <i>Be Here</i> marketing campaign in March, April and May, which resulted in an average 10 percent increase in visitation in those months,</p> <p>Mount Lofty Botanic Garden saw a 50 percent rise in visitation (286,805 visits), noting there were 69 days of closures in 2019-20 as a result of COVID-19 restrictions and severe fire danger warnings.</p> <p>Wittunga Botanic Garden has seen an overall increase in visitation of 40 percent this year, receiving 244,683 visits.</p> <p>Annual Visitor Surveys were conducted across the garden estates. 97% and 95% of visitors to Adelaide and Mount Lofty Botanic Gardens (respectively) indicated they would recommend the garden.</p> <p>Adelaide Botanic Garden</p> <ul style="list-style-type: none"> – Simpson Shadehouse collection revitalised and reopened to visitors

Board objectives	Indicators	Performance
		<ul style="list-style-type: none"> – Ongoing International Rose Garden collection revitalisation – Amazon Waterlily Pavilion revitalised and reopened to visitors – Main Gate (North Terrace) upgrade <p>Mount Lofty Botanic Garden</p> <ul style="list-style-type: none"> – Rhododendron collection revitalisation planning and research completed <p>Wittunga Botanic Garden</p> <ul style="list-style-type: none"> – Kwongan and Fynbos Collections revitalised – New child-friendly plantings in the new nature playspace <p>Mount Lofty Botanic Garden</p> <ul style="list-style-type: none"> – Bracegirdle's mobile café operated weekends and public holidays Sept 2020 – May 2021 <p>Wittunga Botanic Garden</p> <ul style="list-style-type: none"> – Gelato Bello cart operated weekends and public holidays from Jan - April 2021
Creating Destination Gardens – Living Collections and Plant Propagation	<p>Collections that underpin our role as leaders in science, conservation and community education</p> <p>Diversifying and revitalising our living collections</p> <p>Improved visitor experience</p>	<p>The Living Collections held within the BGSH's three botanic gardens represent 128 different countries.</p> <p>406 newly acquired accessions; 27 of known wild origin. This represented a 28% increase in newly acquired accessions to previous financial year.</p> <p>Over 20,000 were plants propagated in the botanic gardens nursery, some of these were planted in the following collections:</p> <ul style="list-style-type: none"> – Wild origin <i>Eucalyptus</i> species for Flinders Ranges garden. – Potting of 700 tube stock trees for Botanic Park.

Board objectives	Indicators	Performance
		<ul style="list-style-type: none"> – New plant species and cultivars for the revitalised opening of the Simpson Shadehouse. – 4,000 plants for the spring meadow display at Mount Lofty Botanic Garden. – Seasonal floral display plantings created for Main Gate, Adelaide Botanic Garden. – 2,253 new propagations for Wittunga collections to enrich the Kwongan, Fynbos and Terrace Displays. – Revitalised approach to propagating the rare and endangered Tree Fern species within Fern Gully at Mount Lofty Botanic Garden. <p>Reviews of the following were carried out during the year:</p> <ul style="list-style-type: none"> – Interim review of the BGSB Collections Policy – Water delivery at Mount Lofty Botanic Garden including the production of irrigation infrastructure – Rhododendron Collection Management Plan – Fern Gully Management Plan – Bushfire Management Plan - Mount Lofty Botanic Garden – Bushfire Management Plan - Wittunga Botanic Garden (new) – Business Continuity Plans (Operations)
Creating Destination Gardens – adding to our legacy for the future	Masterplanning a vision for the future	Masterplans updated for Adelaide, Mount Lofty and Wittunga Botanic Gardens and endorsed by the Board.
Creating Destination Gardens – Cultural Collections	Culturally diverse range of collections and activities engaging a broader demographic	Santos Museum of Economic Botany attracted 30,620 visits, noting the Museum's significantly reduced opening hours in August and September 2020, and an 11 day

Board objectives	Indicators	Performance
	<p>Offering unique tourism experiences</p> <p>Active participation in new developments</p>	<p>shutdown in November and December 2020 as a result of COVID-19.</p> <p>Two major exhibitions were curated:</p> <p>Alison Mitchell exhibited <i>Unlemon: A meandering tale of citrus</i> October 2020 – January 2021. Featuring over 30 oil paintings, the exhibition charted the history of citrus and attracted more than 8,700 visits to the Museum.</p> <p>Adelaide artist Catherine Truman exhibited <i>Shared Reckonings</i> in the Museum and the Deadhouse between February – May 2021. The exhibition drew on Truman's residencies at the Botanic Gardens and Flinders University and explored the role that light plays in human vision and the growth of plants. <i>Shared Reckonings</i> was also exhibited as part of the 2021 Adelaide Festival. This exhibition attracted more than 11,172 visits.</p>
Creating Destination Gardens – Heritage and Asset Management	<p>Revitalising our infrastructure to higher standards</p> <p>Quality heritage maintained for current and future generations</p>	<p>The Board formed a new Strategic Asset Management Sub-Committee at its 11 December 2020 meeting to guide the development of a strategic asset management framework and oversee the current major capital works programme:</p> <p>Adelaide Botanic Garden</p> <ul style="list-style-type: none"> – Goodman Building roof tile replacement and restoration in progress – Tram Barn Heritage works in progress – Repair works to waterway management infrastructure, including fountains, pumps and waterways – Upgrades and retrofits to the Aquifer Storage and Recovery Infrastructure – Simpson Shade House roof restoration completed

Board objectives	Indicators	Performance
		<ul style="list-style-type: none"> – Refurbishment of public conveniences progressed with design contract awarded. <p>Mount Lofty Botanic Garden</p> <ul style="list-style-type: none"> – Trail upgrade design and documentation completed – New car park concept design and documentation progressed – Refurbishment of public conveniences progressed with design contract awarded. <p>Wittunga Botanic Garden</p> <ul style="list-style-type: none"> – Completion of the nature playspace; Sherbourne Road Entrance Pillars and Gates; new pedestrian entrance off Shepherds Hill Road; Bird Garden Gazebo and Lake Viewing Platform. <p>Botanic Park</p> <ul style="list-style-type: none"> – Irrigation design and documentation completed
Creating Destination Gardens - Events	<p>Sustainably managing Botanic Park</p> <p>Increase in seasonal and annual visitation</p> <p>Increase in revenue</p> <p>Culturally diverse range of collections and activities engaging a broader demographic</p>	<p>COVID-19 impacted all programmes between July-September 2020, with some ongoing residual impact (reduced capacities, changed appetite for participation in certain activities).</p> <p>BGSH's new after dark winter programme, Botanica Lumina (sponsored by SA Power Networks), launched in early 2020 but was unable to be delivered in full due to COVID-19. From late July 2020, a number of events were reactivated and achieved sold out results, including <i>Noise//Nature</i> in conjunction with Music SA and the Umbrella Music Festival, an outdoor opera in partnership with Co-Opera and the classic musical <i>Into the Woods</i>.</p> <p>Botanica Lumina (April – October 2021) - events attracted more than 500 participants across a diversity of</p>

Board objectives	Indicators	Performance
		<p>activities including family scavenger hunts, outdoor film, music recitals and tours for SA's History Festival.</p> <p>No commercial concerts were held in Botanic Park this year due to COVID-19; however, Moonlight Cinema did run from December 2020 to February 2021.</p> <p>BGSH hosted 27 tourism, community and external events in 2020-21 including the launch of the new annual Nature Festival, Adelaide Fringe and Blue Sky Theatre in Wittunga Botanic Garden for the second year.</p>
Creating Destination Gardens – Climate Change Adaptation	Well curated collections and a future legacy adapted to changing climates	<p>Membership of Climate Change Alliance of Botanic Gardens, provided vital collaborative opportunities to learn from and showcase climate change adaption projects relevant to living collections and heritage landscapes.</p> <p>Initiated baseline audit for living collections, which will inform the future creation of the Living Collection Revitalisation Strategy and associated Living Collection Policy changes, which will be scoped by collection prioritisation and associated climate change adaptation and mitigation strategies.</p>
Deepening our Science – South Australian Seed Conservation Centre	<p>All threatened native SA vascular plants 'banked' and key provenances understood</p> <p>Provision and sharing of botanical knowledge</p> <p>Engagement with secondary and learning institutions</p>	<p>84 percent of South Australia's threatened flora are now included in the state's seed bank and safeguarded for future use in species recovery and ecosystem restoration.</p> <p>86 new collections banked.</p>

Board objectives	Indicators	Performance
Deepening our Science – Research	<p>Enhanced profile of institution's science and research output and impact</p> <p>Demonstrating leadership in the provision and use of botanical knowledge.</p>	<p>BGSH's Chief Botanist is leading botanical research and science integration activities for the state government's <i>Healthy Coorong, Healthy Basin</i> initiative.</p> <p>SA Seed Conservation Centre coordinated seven field trips to Kangaroo Island with 86 seed collections for 59 species and over three hundred herbarium specimens collected. This included seed collections for 7 endangered, 11 vulnerable species and 27 rare species for SA. There were also a number of historic records that were rediscovered and five new species records for Kangaroo Island.</p> <p>This work has been achieved through successful collaboration with Kangaroo Island field botanists, ecologists and landowners.</p> <p>The State Herbarium coordinated two field trips to Kangaroo Island with 27 sites surveyed across the burnt zone (west of Parndana) within the state reserve system.</p> <p><u>Collections made:</u> 761 collections made, constituting 284 species/taxa. Mainly vascular plants with some fungi, lichens, mosses and liverworts.</p> <p>Fungus research - 75 collections were sourced from central Adelaide parklands and various conservation parks and reserves.</p> <p>Advice services, research and conservation activities for native vegetation bushfire recovery efforts, including seed and data collection, germination testing and post fire assessment to improve understanding of post bushfire ecology and support species at risk following bushfire events.</p> <p>The Chief Botanist provided leadership and advice to the DEW Native Plants Bushfire Recovery Coordination Team, was a member</p>

Board objectives	Indicators	Performance
		<p>of the DEW Natural Values Bushfire Recovery coordination group tasked with immediate post-fire recovery actions and prioritising activities and funding decision making.</p> <p>Eight Honorary Associates and Affiliates were active at the State Herbarium during 2020-21.</p> <p>State Herbarium staff produced 80 scientific publications, with 41 featuring in peer-reviewed journals.</p> <p>Projects executed during 2020-21 with over \$1.58 million funding secured. This includes thirteen new partnerships to support post bushfire recovery, resulting in over \$800,000 worth of project funding. The Board also acknowledges the Royal Botanic Gardens, Kew, for its support of contribution to this work.</p> <p>Three Landscape Boards were engaged in over eight science and conservation projects.</p> <p>Two new grant agreements with Adelaide University were established.</p> <p>Chief Botanist and Molecular Botanist providing leadership and project delivery to the 'Genomics for Australian Plants' Bioplatforms Australia co-funded initiative to use phylogenomics to build the Australian Angiosperm Tree of Life (AAToL).</p> <p>Significant contributions to enable the research programmes on the Grey-Headed Flying Fox colony management for heat stress events, with the Universities of Adelaide and Sydney.</p> <p>Research investigations on the impact of specific fertilisers and soil enhancers with Neutrog, continued in the International Rose Garden and new key sites in Adelaide Botanic Garden.</p>

Board objectives	Indicators	Performance
<p>Deepening our Science – State Herbarium (collections and knowledge sharing)</p>	<p>Diversifying Herbarium and living collection collections for future use</p> <p>Demonstrating leadership in the provision and use of botanical knowledge</p> <p>Provide current and the best science through digitisation and database repositories</p>	<p>Digitisation of Herbarium collections 1620 specimens imaged or 86 DNA reference sequences added. The DNA sequencing efforts now represent 8% of the Flora of South Australian flowering plants.</p> <p>New data delivery systems implemented for Herbarium Collections and Seed Bank Collections.</p> <p>Three public science communication events.</p> <p>New Integrated Pest Management Strategy and Policy established.</p> <p>Collections Management Manual in preparation, to be benchmarked with other national herbaria.</p> <p>New data sets delivered to AVH using agreed GBIF software.</p> <p>Business case established to seek resourcing for new Microscope to aid in taxonomic research.</p> <p>Tram Barn capital investment to provide interim short term additional compactus.</p> <p>Preparations underway to utilize national infrastructure for DigiVol expeditions to capture data relating to Fungi collections.</p> <p>SA Seed Conservation Centre have developed germination trials to resulting in new germination protocols for growing threatened orchids with successful germination and propagation trials achieved in BGSH nurseries.</p> <p>9359 new specimens added to the State Herbarium collection.</p> <p>Herbarium collection grown by 9896 specimens compared to the previous financial year. Collection now valued at over \$84 million.</p> <p>46 State Herbarium specimens were loaned to national and international</p>

Board objectives	Indicators	Performance
		<p>herbaria. To note, many herbaria were closed due to COVID-19 which resulted in an increase in request for loans as digital images.</p> <p>298 State Herbarium specimens were returned by herbaria from around the world.</p> <p>86 South Australian plant taxa had a DNA reference library developed for them and 431 samples inclusive.</p> <p>10 new plant taxa recognised as occurring in South Australia: 2 natives and 8 new weeds.</p> <p>Maintained the Census of the South Australian plants, algae, fungi and lichens, containing 5144 taxonomic names for vascular plants. Web resource - flora.sa.gov.au – received 2,691,853 million page views.</p> <p>Weeds Botanist undertook 30 days of fieldwork in seven of the state's nine Landscape regions, and took part in 17 separate community engagement activities, in seven of the state's Landscape regions. 239 community members took part in the engagement activities.</p> <p>Delivered 704 herbarium specimen records to the Australasian Virtual Herbarium and the Atlas of Living Australia; more than 36 million of the institution's records downloaded, reflecting national and international use of this scientific data.</p> <p>1620 herbarium specimen images were digitised at high resolution.</p> <p>Connection of 10 Gigabite/sec fibre to the State Herbarium from the North Terrace Precinct for faster and more reliable data sharing.</p>
Lifelong Learning and Engagement - Tertiary and Australian Centre of	Building long term learning relationships	Design and delivery of new online learning experiences - series of 90 minute videos on horticultural topics delivered and accessible by BGS Herbarium web site / Facebook / Instagram.

Board objectives	Indicators	Performance
Horticultural Excellence	Well attended programmes	<p>100% of Certificate III retained and engaging in training.</p> <p>Teaching University of Adelaide, School of Biological Sciences, into four undergraduate courses in Biological Science – 283 student enrollees including 82 2nd year undergraduates enrolled in Plant Identification training coordinated by Chief Botanist.</p> <p>Research supervision: 3 Honours students and 10 PhD students plus 2 undergraduate (intern/research project) students.</p> <p>A total of 29 adult course and workshops were delivered with a total of 354 participants, (24 courses were cancelled due to COVID-19)</p> <p>Creation of online digital content, virtual tours and resources webpage for home learning and remote regional schools in response to COVID restrictions.</p>
Lifelong Learning and Engagement – Early Learning, Schools Education and School Holidays	<p>Increased number and diversity of public programmes and returning participants</p> <p>Building long-term learning relationships</p>	<p>Teaching undergraduate botany is now directly supported at the University of Adelaide by BGSH joint appointment staff and technical expert Botanists, to four courses at 2nd year and 3rd year levels in Biological Sciences. New joint project students with University of South Australia honours course has been established in 2021.</p> <p>More than 19,170 early learning, primary and secondary students and 2966 accompanying adults attended educator-led and self-guided tours at BGSH across 2020-21. 2258 students attended the Little Sprouts Kitchen Garden program. This is a decrease on previous years as a consequence of COVID-19.</p> <p>95% teachers surveyed satisfied/ very satisfied.</p>

Board objectives	Indicators	Performance
		<p>4x teacher professional development workshops held for 84 participants (decreases due to COVID-19).</p> <p>100% Certificate III Horticulture Trainees retained.</p> <p>1986 participants attending school holiday programmes, another 30% increase on the previous year.</p> <p>BGSH Schools Education Facebook page has 201 followers, an 18% increase on the previous year.</p> <p>Wittunga Botanic Garden and Blackwood Primary School collaboration realised through the nature playspace and other educational outlets. The nature playspace at Wittunga opened 13 April and included attendance by students from Blackwood Primary who had assisted in the design process.</p> <p>Year-long working collaboration with Adelaide Botanic High and Adelaide Botanic Garden.</p>
Lifelong Learning and Engagement – Cradle to the Grave	Increased number and diversity of public programmes and returning participants	<p>Development of a new Space Botany programme has commenced and will be developed in 2022.</p> <p>Horticulture Therapist engaged and commenced with BGSH in March 2021. Programme design is currently underway with programs being delivered across 2021-22.</p> <p>Horticulture Therapy programme partners include ECH (Enabling Confidence at Home) and the South Australian Housing Authority.</p> <p>The first half of the Botanica Lumina 2021 programme was delivered between April – June 2021, achieving full cost recovery and attendance capacity of 85%.</p>
Lifelong Learning and Engagement – Interpretation	Innovative interpretation	Two new education resources have been developed for Wittunga Botanic Garden:

Board objectives	Indicators	Performance
		<p>1) Plant Adaptations – Australian and South African Plants (Primary Years Education Trail)</p> <p>2) Plant Animal Interactions at Wittunga (Primary Years resource)</p> <p>These resources were developed in conjunction with local schools.</p>
Lifelong Learning and Engagement – Volunteers	Diversification of institutional expertise and improved mentoring to support succession planning, and establish an enriched involved community	Volunteers contributed 34,769 hours to support the institutions activities, equating to 19.3 FTE's. Volunteer hours are reduced by 21 percent on the previous year, largely due to the easing of COVID-19 restrictions.
Lifelong Learning and Engagement – Citizen Science	New citizen-science projects initiated	DigiVol expedition to capture the data of a pre-fire collection of 1,592 Orchid collections of Kangaroo Island and Fleurieu Peninsula was complete along with Bryophytes.
Lifelong learning and engagement – Communications and Media	<p>Encouraging our community to explore its relationships with the natural world</p> <p>Well attended programmes</p>	<p>The <i>Be Here</i> marketing campaign ran from March-June leveraging from a growing confidence for the public to be in public spaces. The campaign utilised outdoor media such as signage on buses and a dedicated website and social media to promote the iconic Adelaide Botanic Garden as a 'go to' destination for all ages. The campaign's KPIs to increase visitation by 10% on the 2018-20 average was achieved while the campaign was in market (April and May 2021).</p> <p>263,243 website visits were logged (an increase of 12.5 percent). Spikes in traffic were driven on 30-31 August 2020 by the Botanica Lumina re-launch program and 28-30 March 2021 by the <i>Be Here</i> campaign advertising. Other smaller peaks are seen over public holiday weekends, school holidays and in the January holidays and autumn months.</p>

Board objectives	Indicators	Performance
		<p>To engage visitors unable to view the gardens during COVID-19 restrictions, online resources, videos and social media channels were developed and utilised, including an online resources page in collaboration with the education team.</p> <p>BGSH recorded 527 mentions across print, radio, TV, and online media. This is because it does not include social media mentions by organisations and influencers as has been reported in previous years. This is because it delivers inconsistent results that are challenging to monitor. This 53 percent decrease is also in response to WOMADelaide relocating from Botanic Park this year, and other headline acts not performing due to COVID-19.</p> <p>Social media platforms increased in followers in 2020-21:</p> <ul style="list-style-type: none"> – Facebook (12.7 percent increase to 52,710) – Instagram (16.1 percent increase to 20,626) – Twitter (1.3 percent increase to 7756) – YouTube (11.2 percent increase to 312,381) – The BGSH education Facebook page has generated 226 followers. <p>Monthly newsletter subscribers decreased by 0.35 percent to 13,540, likely due to flooding of e-newsletters and digital content produced in lieu of physical activities during COVID-19.</p> <p>Seven gardens blogs were posted in the financial year, compared to 10 in the previous year.</p> <p>23 Herbarium blog entries were made including a series on the</p>

Board objectives	Indicators	Performance
		<p>impacts of fire on our native plants and their recovery.</p> <p>Living Collections Development Officer media engagement:</p> <ul style="list-style-type: none"> – ABC Gardening Australia Palm House interview with Sophie Thompson – SA Life Articles <ul style="list-style-type: none"> ○ Summer 20-21 Hort Edition - pollination and pollinators ○ May Edition - Garden of Health and Wellbeing – Radio Adelaide 101.5 re Nelumbo pond and the lotus lilies – Collaborated with Green Adelaide in developing an article for the Advertiser on 'Selecting Trees for your Garden'
Enhanced Staff Profile	<p>Professional Development</p> <p>Succession Planning</p> <p>Recognition and Support of Volunteers</p>	<p>Resilience in the workplace training co-created and delivered to 80% of BGSB staff.</p> <p>Implemented Phase 1 of the BGSB organisational reform project.</p> <p>Development and implementation of interim operational model to facilitate extended gardens opening hours.</p> <p>Continuation of investigations to realise a new sustainable operational model to facilitate extended gardens opening hours.</p> <p>Temporary position recruited to establish a volunteer framework for BGSB, benchmarked to national standards for managing volunteers.</p>
Partnerships – National and International	<p>Participation in national and international exchange initiatives</p> <p>Recognised as an international institution</p> <p>Growth in ventures and resourcing to deliver strategic priorities.</p>	<p>BGSB supported national initiatives through representation on:</p> <p>Taxonomy Australia's National Steering Committee - Australian Academy of Science; Council of Heads of Australian Botanic Gardens; Council of Heads of Australasian Herbaria; Botanic Gardens Australian and New Zealand; Flora of Australia Advisory Group, Australian Biological Resources Study; Australian Plant</p>

Board objectives	Indicators	Performance
		<p>Sentinel Network, Plant Health Australia; Australian Cultivar Registration Authority: Australian National Rose Trial Council.</p> <p>Membership on committees for major national data repositories: Herbarium Information Systems Committee; Atlas of Living Australia; and Managers of Australasian Collections.</p> <p>Signed an updated Memorandum of Collaboration with the Board of Trustees of the Royal Botanic Gardens, Kew to work together for science, and the public benefit.</p> <p>Membership on committees for street tree management</p> <p>Membership in COLLAB, the collaboration of Adelaide cultural institutions.</p> <p>Leading national reviews of matters of national environmental significance: Working group tasked with prioritisation of threatened species listing for Fire Recovery actions. Healthy Coorong Healthy Basin Science leadership and infrastructure development options.–</p>
Partnerships – State	<p>Diversifying and strengthening partnerships</p> <p>Inspiring relationships with botanical and cultural groups</p>	<p>A five (5) year lease (with another 5 year option) with Blanco Horner to operate catering and functions in Adelaide Botanic Garden.</p> <p>A five (5) year agreement with WOMAdelaide Foundation Ltd Pty to operate the WOMAdelaide music festival in Botanic Park.</p> <p>The Diggers Shop was granted a 5 year extension in Adelaide Botanic Garden</p> <p>NaturePlaySA was given a 1 year lease extension for Wittunga House.</p> <p>The Senior Mycologist has formed a partnership with SA Health to provide expert mycologist advice on fungi poisoning cases.</p>

Board objectives	Indicators	Performance
		<p>A new partnership with the <i>Centre for Invasive Species Solutions</i> was established to review and update around 400 profiles for nationally significant weeds. The work will be publicly available via the Atlas of Living Australia.</p> <p>Eight new weed species were detected as being naturalised in South Australia in 2020/21.</p> <p>Science partnerships: Genomics of Australian Plants Partnership; 'Health Coorong, Healthy Basin' partnership with Goyder Institute for Water; SA Weeds Management Society; Australian Carnivorous Plants Society; Terrestrial Ecosystem Research Network; Natural Resources Eyre Peninsula; Primary Industries and Research SA; Australian Biological Resources Study (ABRS)</p> <p>33 state project totaling \$306,500 including two council partnerships, one Local Action Planning group, two external partners and two not for profits. Two of the projects were with PIRSA, 1 with DEW and 11 with 5 of the Landscape SA Boards.</p> <p>Horticultural and botanical partnerships:</p> <ul style="list-style-type: none"> – Rose Society of SA – National Rose Trial Council – Dahlia Society – Rare Fruit Society – Australian Arid Land Botanic Garden – Pangarinda Botanic Garden – Barossa Bush Garden – Australian Plant Society – Mediterranean Plant Society – Horticultural Media Association – Green Adelaide – SA Water - representation on Street Tree Advisory and

Board objectives	Indicators	Performance
		Arboriculture Steering Committees

Corporate performance summary

The Board met seven times during 2020-21. In accordance with the *Botanic Gardens and State Herbarium Act 1978*, Part 2-Administration, 11 – Conduct of business by the Board, the Board formed a quorum of five members at each of its seven meetings and the Presiding Member chaired each of these. The attendance of appointed members averaged 100 percent across the year. In accordance with the Act Part 2 – Administration, 12, the Director attended all Board meetings.

Name	July	Sep	Oct	Dec	Feb	April	June	Meetings attended	% Of Total
Judy Potter	Yes	Yes	Yes	Yes	Yes	Yes	Yes	7/7	100
Rob DiMonte	Yes	Yes	Yes	Yes	Yes	Yes	Yes	7/7	100
Andrew Kay	Yes	Yes	Yes	Yes	Yes	Yes	Yes	7/7	100
Peter Kennedy*	-	-	-	-	-	Yes	Yes	2/2	100
Laura Parry	Yes	Yes	Yes	Yes	Yes	Yes	Yes	7/7	100
Libby Raupach	Yes	Yes	Yes	Yes	Yes	Yes	Yes	7/7	100
Isobel Redmond	Yes	Yes	Yes	Yes	Yes	Yes	Yes	7/7	100
Jamie Restas	Yes	Yes	Yes	Yes	Yes	Yes	Yes	7/7	100

*Peter Kennedy appointed effective 29 March 2021

Employment opportunity programs

Program name	Performance
The objective of ACoHE is to become a destination for horticultural and botanical learning.	100 percent retention of Certificate III in Horticulture maintained.
The 18-month traineeship is open to Aboriginal high school students enrolled in Years 10 or 11. It consists of a work placement at the BGS sites one day a week during school terms while studying a Certificate II in Horticulture. The program is supported by a partnership with Santos Limited.	One school-based trainee in 2020-21.

Board performance management and development systems

Performance management and development system	Performance
The Board maintains a register of attendance at meetings.	There were seven meetings held during 2020-21, with annual attendance of appointed members averaging 100 percent. These meetings all had a quorum attending. Data is available at: https://data.sa.gov.au/data/dataset/board-of-botanic-gardens-and-state-herbarium-annual-report-data
The Board's Finance and Risk Subcommittee	Compliance with Terms of Reference for Subcommittee (dated June 2018).
The Board's Strategic Asset Management Subcommittee	The Strategic Asset Management Subcommittee was established at the Board's meeting on 11 December 2020 and is compliant with its Terms of Reference dated 19 February 2021.
The Board's Governance Review Subcommittee	Compliance with Terms of Reference for Subcommittee (dated June 2019).

Work health, safety and return to work programs

Program name	Performance
The Board abides by the relevant health and safety policies and procedures to meet whole of government and legislative requirements.	Work, health and safety and return to work programmes are reported through the DEW Annual Report 2020-21, noting staff are employees of the Department for Environment and Water.

Workplace injury claims	2020-21	2019-20	% Change (+ / -)
Total new workplace injury claims	N/A*	N/A*	0%
Fatalities	N/A*	N/A*	0%
Seriously injured workers**	N/A*	N/A*	0%
Significant injuries (where lost time exceeds a working week, expressed as frequency rate per 1000 FTE)	N/A*	N/A*	0%

Notes:

*Staff are employed by the Department for Environment and Water (DEW) to support the Board of the Botanic Gardens and State Herbarium. BGSH staff data is reported in the DEW Annual Report 2020-21

**number of claimants assessed during the reporting period as having a whole person impairment of 30% or more under the Return to Work Act 2014 (Part 2 Division 5)

Work health and safety regulations	2020-21	2019-20	% Change (+ / -)
Note: BGSH staff data is reported in the DEW Annual Report 2020-21			
Number of notifiable incidents (<i>Work Health and Safety Act 2012, Part 3</i>)	N/A*	N/A*	0%
Number of provisional improvement, improvement and prohibition notices (<i>Work Health and Safety Act 2012 Sections 90, 191 and 195</i>)	N/A*	N/A*	0%

Note: *BGSH staff data is reported in the DEW Annual Report 2020-21

Return to work costs**	2020-21	2019-20	% Change (+ / -)
Total gross workers compensation expenditure (\$)	0	0	0%
Income support payments – gross (\$)	0	0	0%

Notes:

*BGSH staff data is reported in the DEW Annual Report 2020-21

**before third party recovery

Data for previous years is available at: <https://data.sa.gov.au/data/dataset/board-of-botanic-gardens-and-state-herbarium-annual-report-data>

Executive employment in the Board

Executive classification	Number of executives
SAES1 (employee is also reported in the DEW Annual Report 2020-21)	1

Data for previous years is available at: <https://data.sa.gov.au/data/dataset/board-of-botanic-gardens-and-state-herbarium-annual-report-data>

The [Office of the Commissioner for Public Sector Employment](#) has a [workforce information](#) page that provides further information on the breakdown of executive gender, salary and tenure by Board.

Financial performance

Financial performance at a glance

The following is a brief summary of the overall financial position of the Board. The information is unaudited, with some late financial movement still to be expected until final closure of accounts. Full audited financial statements for 2020-21 are attached to this report.

Statement of Comprehensive Income	2020-21 Budget \$000s	2020-21 Actual \$000s	Variation \$000s	2019-20 Actual \$000s
Total Income (incl. assets received)	2,781	4,267	1,486	3,668
Total Expenses (incl. Depreciation)	4,648	4,361	(287)	4,010
Net Result		(94)		(342)
Total Comprehensive Result		(389)		3,141

Income was higher than the revised budget due to a continued increase in parking revenue, state government rent relief for lease holders and COVID-19 business interruption insurance compensation from SAICORP.

Resources received free of charge is non-cash income to the Board. DEW supports the Board through funding creation or upgrading of infrastructure assets for the Botanic Gardens and State Herbarium, which under the *Botanic Gardens and State Herbarium Act 1978*, the Board has a vested interest and responsibility for control.

The 2020-21 asset expenditure of \$297k by DEW, is transferred to the Board as 'income', with a corresponding increase in asset value of the Board. Depreciation is a non-cash 'expenditure' calculated on accounting standards for life of asset types.

Statement of Financial Position	2020-21 Budget \$000s	2020-21 Actual \$000s	Variation \$000s	2019-20 Actual \$000s
Current assets	0	5,718	0	4,089
Non-current assets	0	59,057	0	60,919
Total assets	0	64,775	0	65,008
Current liabilities	0	255	0	99
Non-current liabilities	0	0	0	0
Total liabilities	0	255	0	99
Net assets	0	64,520	0	64,909
Equity	0	64,520	0	64,909

Revenue such as sponsorship funds received in advance, are considered a current liability until expensed.

Consultants disclosure

The following is a summary of external consultants that have been engaged by the Board, the nature of work undertaken, and the actual payments made for the work undertaken during the financial year.

Consultancies with a contract value below \$10,000 each

Consultancies	Purpose	\$ Actual payment
All consultancies below \$10,000 each - combined	N/A	0

Consultancies with a contract value above \$10,000 each

Consultancies	Purpose	\$ Actual payment
Hudson Howells	Review and prepare a Commercial Strategy	18,000
	Total	18,000

Data for previous years is available at: <https://data.sa.gov.au/data/dataset/board-of-botanic-gardens-and-state-herbarium-annual-report-data>

See also the [Consolidated Financial Report of the Department of Treasury and Finance](#) for total value of consultancy contracts across the South Australian Public Sector.

Contractors disclosure

The following is a summary of external contractors that have been engaged by the Board, the nature of work undertaken, and the actual payments made for work undertaken during the financial year.

Contractors with a contract value below \$10,000

Contractors	Purpose	\$ Actual payment
All contractors below \$10,000 each - combined	Various	68,795

Contractors with a contract value above \$10,000 each

Contractors	Purpose	\$ Actual payment
Bluebottle 3 Pty Ltd	Night Lighting set up for multiple evening events	15,998
Sabrenet Ltd	GigCity Fibre connection via the North Terrace Cultural Precinct	19,919
Utec Traffic Pty Ltd	Traffic control during Autumn Colours at Mount Lofty Botanic Garden	13,650
Dept of Planning Transport and Infrastructure	Maintenance works using various subcontractors	20,653
Connected Self Pty Ltd	Horticultural Therapist	13,039
Design Inc Adelaide Pty Ltd	Francis Arbour upgrade – design concepts	11,000
Metric Marketing Pty Ltd	Marketing services for events and brand awareness	21,559
Aurecon Australasia	Francis Arbour upgrade – cost benefit analysis	11,000
	Total	126,818

Data for previous years is available at: <https://data.sa.gov.au/data/dataset/board-of-botanic-gardens-and-state-herbarium-annual-report-data>

The details of South Australian Government-awarded contracts for goods, services, and works are displayed on the SA Tenders and Contracts website. [View the Board list of contracts](#).

The website also provides details of [across government contracts](#).

Other financial information

COVID-19 Business Interruption claims were made through SAICORP and two payments were received by the Board. The first payment for the period 23 March 2020 – 30 June 2020 was \$110,294 and a second for the period 1 July 2020 – 31 March 2021 was \$588,000, totalling \$698,294.

Parking income of \$85,763 for the last quarter of 2019-20 received via credit cards was delayed and received too late to be accrued.

Other information

A revised Ministerial Direction under Section 15 of the *Botanic Gardens and State Herbarium Act 1978*, was issued 8 October 2020, relating to confirmation of Financial and Contracting Delegations to the Board as required under *Treasurer's Instruction 8*.

Risk management

Risk and audit at a glance

The Finance and Risk Management Subcommittee met on the 7 July 2020, 13 October 2020, 16 February 2021 and 13 May 2021. The Subcommittee's Terms of Reference were last reviewed and endorsed by the Board in February 2019. The Subcommittee monitor financial performance and maintain a risk register.

Fraud detected in the Board

Category/nature of fraud	Number of instances
All types of fraud	0

NB: Fraud reported includes actual and reasonably suspected incidents of fraud.

Strategies implemented to control and prevent fraud

The Board's Finance and Risk Management Subcommittee monitors, measures and mitigates the Board's exposure to all types of risk, including fraud. It does so under advice of the Auditor-General's Department.

The Board also implements the Department for Environment and Water (DEW) strategies to control and prevent fraud. DEW has established internal controls to mitigate the risks of fraud through updates from management and DEW's Risk Management and Audit Committee of Executive (RMAC).

The DEW Fraud and Corruption Prevention, Detection and Response Policy and supporting Procedure for the Reporting and Review of Suspected Incidents of Fraud or Corruption establish the respective roles and responsibilities across the Department relating to the identification of and response to fraud.

For the full reporting period, 1 July 2020 – 30 June 2021, the Board is not aware of any suspected or actual instances of fraud of any type.

Data for previous years is available at: <https://data.sa.gov.au/data/dataset/board-of-botanic-gardens-and-state-herbarium-annual-report-data>

Public interest disclosure

Number of occasions on which public interest information has been disclosed to a responsible officer of the Board under the *Public Interest Disclosure Act 2018*:

0 (zero)

Data for previous years is available at: <https://data.sa.gov.au/data/dataset/board-of-botanic-gardens-and-state-herbarium-annual-report-data>

Reporting required under any other act or regulation

Nil to report

Reporting required under the *Carers' Recognition Act 2005*

Not applicable

Public complaints

Number of public complaints reported

Complaint categories	Sub-categories	Example	Number of Complaints 2020-21
Professional behaviour	Staff attitude	Failure to demonstrate values such as empathy, respect, fairness, courtesy, extra mile; cultural competency	2
Professional behaviour	Staff competency	Failure to action service request; poorly informed decisions; incorrect or incomplete service provided	1
Professional behaviour	Staff knowledge	Lack of service specific knowledge; incomplete or out-of-date knowledge	0
Communication	Communication quality	Inadequate, delayed or absent communication with customer	0
Communication	Confidentiality	Customer's confidentiality or privacy not respected; information shared incorrectly	0
Service delivery	Systems/technology	System offline; inaccessible to customer; incorrect result/information provided; poor system design	2
Service delivery	Access to services	Service difficult to find; location poor; facilities/ environment poor standard; not accessible to customers with disabilities	2
Service delivery	Process	Processing error; incorrect process used; delay in processing application; process not customer responsive	2
Policy	Policy application	Incorrect policy interpretation; incorrect policy applied; conflicting policy advice given	0
Policy	Policy content	Policy content difficult to understand; policy unreasonable or disadvantages customer	0
Service quality	Information	Incorrect, incomplete, out dated or inadequate	0

Complaint categories	Sub-categories	Example	Number of Complaints 2020-21
		information; not fit for purpose	
Service quality	Access to information	Information difficult to understand, hard to find or difficult to use; not plain English	0
Service quality	Timeliness	Lack of staff punctuality; excessive waiting times (outside of service standard); timelines not met	0
Service quality	Safety	Maintenance; personal or family safety; duty of care not shown; poor security service/ premises; poor cleanliness	5
Service quality	Service responsiveness	Service design doesn't meet customer needs; poor service fit with customer expectations	0
No case to answer	No case to answer	Third party; customer misunderstanding; redirected to another agency; insufficient information to investigate	0
		Total	14

Additional Metrics *	Total
Number of positive feedback comments	2
Number of negative feedback comments	14
Total number of feedback comments	16
% complaints resolved within policy timeframes	100%

Data for previous years is available at: <https://data.sa.gov.au/data/dataset/board-of-botanic-gardens-and-state-herbarium-annual-report-data>

Service Improvements resulting from complaints or consumer suggestions over 2020-21

Complaints regarding staff attitude are reviewed and, where appropriate, addressed with relevant staff and contractors.

Complaints with regard to safety are reviewed as a matter of priority and appropriate steps are taken to minimise or preferably, mitigate risks to safety.

All comments and complaints are reported to the Board, filed and taken into consideration as part of future planning and improvements for service delivery and design and future access initiatives.

Compliance Statement

The Board of the Botanic Gardens and State Herbarium is compliant with Premier and Cabinet Circular 039 – complaint management in the South Australian public sector	Y
The Department for Environment and Water has communicated the content of PC 039 and the agency's related complaints policies and procedures to its employees.	Y

Appendix: Audited financial statements 2020-21



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To the Presiding Member Board of the Botanic Gardens and State Herbarium

Opinion

I have audited the financial report of Board of the Botanic Gardens and State Herbarium (the Board) for the financial year ended 30 June 2021.

In my opinion, the accompanying financial report gives a true and fair view of the financial position of the Board as at 30 June 2021, its financial performance and its cash flows for the year then ended in accordance with relevant Treasurer's Instructions issued under the provisions of the *Public Finance and Audit Act 1987* and Australian Accounting Standards.

The financial report comprises:

- a Statement of Comprehensive Income for the year ended 30 June 2021
- a Statement of Financial Position as at 30 June 2021
- a Statement of Changes in Equity for the year ended 30 June 2021
- a Statement of Cash Flows for the year ended 30 June 2021
- notes, comprising significant accounting policies and other explanatory information
- a Certificate from the Presiding Member, and the Director, Botanic Gardens and State Herbarium, and the Chief Financial Officer of the Department for Environment and Water.

Basis for opinion

I conducted the audit in accordance with the *Public Finance and Audit Act 1987* and Australian Auditing Standards. My responsibilities under those standards are further described in the 'Auditor's responsibilities for the audit of the financial report' section of my report. I am independent of the Board. The *Public Finance and Audit Act 1987* establishes the independence of the Auditor-General. In conducting the audit, the relevant ethical requirements of APES 110 *Code of Ethics for Professional Accountants (including Independence Standards)* have been met.

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

Responsibilities of the Director, Botanic Gardens and State Herbarium and the Board for the financial report

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

In preparing the financial report, the Director is responsible for assessing the entity's ability to continue as a going concern, taking into account any policy or funding decisions the government has made which affect the continued existence of the entity. The Director is also responsible for disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless the assessment indicates that it is not appropriate.

The Board are responsible for overseeing the entity's financial reporting process.

Auditor's responsibilities for the audit of the financial report

As required by section 31(1)(b) of the *Public Finance and Audit Act 1987* and section 22(2) of the *Botanic Gardens and State Herbarium Act 1978*, I have audited the financial report of the Board for the financial year ended 30 June 2021.

My objectives are to obtain reasonable assurance about whether the financial report as a whole is free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes my opinion. Reasonable assurance is a high level of assurance but is not a guarantee that an audit conducted in accordance with Australian Auditing Standards will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of this financial report.

As part of an audit in accordance with Australian Auditing Standards, I exercise professional judgement and maintain professional scepticism throughout the audit. I also:

- identify and assess the risks of material misstatement of the financial report, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for my opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control
- obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Board's internal control

- evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by the Director
- conclude on the appropriateness of the Director's use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the entity's ability to continue as a going concern. If I conclude that a material uncertainty exists, I am required to draw attention in my auditor's report to the related disclosures in the financial report or, if such disclosures are inadequate, to modify the opinion. My conclusion is based on the audit evidence obtained up to the date of the auditor's report. However, future events or conditions may cause an entity to cease to continue as a going concern
- evaluate the overall presentation, structure and content of the financial report, including the disclosures, and whether the financial report represents the underlying transactions and events in a manner that achieves fair presentation.

My report refers only to the financial report described above and does not provide assurance over the integrity of electronic publication by the entity on any website nor does it provide an opinion on other information which may have been hyperlinked to/from the report.

I communicate with the Presiding Member and Director about, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that I identify during the audit.



Andrew Richardson

Auditor-General

28 September 2021

Board of Botanic Gardens and State Herbarium

Financial Statements

For the year ended 30 June 2021

Board of Botanic Gardens and State Herbarium
Certification of the Financial Statements
for the year ended 30 June 2021

We certify that the:

- financial statements of the Board of Botanic Gardens and State Herbarium:
 - are in accordance with the accounts and records of the Board;
 - comply with relevant Treasurer's Instructions;
 - comply with relevant accounting standards; and
 - present a true and fair view of the financial position of the Board at the end of the financial year and the result of its operation and cash flows for the financial year.
- internal controls employed by the Board of Botanic Gardens and State Herbarium for the financial year over its financial reporting and its preparation of financial statements have been effective.



Judy Potter

Presiding Member

Board of the Botanic Gardens and State
Herbarium

27 September 2021



Michael Harvey

Director

Botanic Gardens and State Herbarium

Department for Environment and Water

27 September 2021



Shaun O'Brien

Chief Financial Officer

Department for Environment and Water

27 September 2021

Board of Botanic Gardens and State Herbarium
Statement of Comprehensive Income
for the year ended 30 June 2021

	Note	2021 \$'000	2020 \$'000
Income			
Revenues from fees and charges	2.1	2 150	1 640
Grant revenues	2.2	322	122
Intra-government transfers	2.3	149	74
Interest	2.4	1	18
Resources received free of charge	2.5	297	668
Other income	2.6	1 348	1 146
Total income		4 267	3 668
Expenses			
Board member expenses	3.3	109	113
Supplies and services	4.1	1 437	881
Depreciation	5.1	2 129	2 166
Reimbursement of DEW expenses	4.2	655	829
Other expenses	4.3	31	21
Total expenses		4 361	4 010
Net result		(94)	(342)
OTHER COMPREHENSIVE INCOME			
Changes in property, plant and equipment asset revaluation surplus	5.1	(295)	3 483
Total other comprehensive income		(295)	3 483
Total comprehensive result		(389)	3 141

The accompanying notes form part of these financial statements. The net result and total comprehensive result are attributable to the SA Government as owner.

Board of Botanic Gardens and State Herbarium
Statement of Financial Position
as at 30 June 2021

	Note	2021 \$'000	2020 \$'000
Current assets			
Cash and cash equivalents	6.1	4 780	3 959
Receivables	6.2	813	58
Inventories	5.2	125	72
Total current assets		5 718	4 089
Non-current assets			
Property, plant and equipment	5.1	59 057	60 919
Total non-current assets		59 057	60 919
Total assets		64 775	65 008
Current liabilities			
Payables	7.1	188	99
Other liabilities		67	-
Total current liabilities		255	99
Total liabilities		255	99
Net assets		64 520	64 909
Equity			
Retained earnings		42 570	42 664
Asset revaluation surplus		21 950	22 245
Total equity		64 520	64 909

The accompanying notes form part of these financial statements. The total equity is attributable to the SA Government as owner.

Board of Botanic Gardens and State Herbarium
Statement of Changes in Equity
for the year ended 30 June 2021

	Asset revaluation surplus \$'000	Retained earnings \$'000	Total equity \$'000
Balance at 1 July 2019	18 762	43 006	61 768
Net result for 2019-20	-	(342)	(342)
Gain/(loss) on revaluation of property, plant and equipment	3 483	-	3 483
Total comprehensive result for 2019-20	3 483	(342)	3 141
Balance at 30 June 2020	22 245	42 664	64 909
Net result for 2020-21	-	(94)	(94)
Gain/(loss) on revaluation of property, plant and equipment	(295)	-	(295)
Total comprehensive result for 2020-21	(295)	(94)	(389)
Balance at 30 June 2021	21 950	42 570	64 520

The accompanying notes form part of these financial statements. All changes in equity are attributable to the SA Government as owner.

Board of Botanic Gardens and State Herbarium
Statement of Cash Flows
for the year ended 30 June 2021

	Note	2021 \$'000	2020 \$'000
Cash flows from operating activities			
<u>Cash inflows</u>			
Fees and charges		1 393	1 704
Receipts from grants		322	122
Intra-government transfers		149	74
Interest received		1	23
Other receipts		1 095	549
Cash generated from operating activities		2 960	2 472
<u>Cash outflows</u>			
Board member payments		(109)	(113)
Payments for supplies and services		(1 283)	(974)
Payments for grants and subsidies		(655)	(829)
Other payments		(33)	(28)
Cash used in operating activities		(2 080)	(1 944)
Net cash provided by operating activities		880	528
Cash flows from investing activities			
<u>Cash outflows</u>			
Purchases of property, plant and equipment	5.1	(59)	(99)
Cash generated from investing activities		(59)	(99)
Net cash used in investing activities		(59)	(99)
Net increase in cash and cash equivalents		821	429
Cash and cash equivalents at the beginning of the reporting period		3 959	3 530
Cash and cash equivalents at the end of the reporting period	6.1	4 780	3 959

The accompanying notes form part of these financial statements.

Board of Botanic Gardens and State Herbarium
Notes to and forming part of the financial statements
For the year ended 30 June 2021

1. About the Board of Botanic Gardens and State Herbarium

The Board of the Botanic Gardens and State Herbarium (the Board) is a reporting entity, established pursuant to the *Botanic Gardens and State Herbarium Act 1978*.

1.1. Basis of preparation

The financial statements are general purpose financial statements prepared in compliance with:

- section 23 of the *Public Finance and Audit Act 1987*
- Treasurer's Instructions and Accounting Policy Statements issued by the Treasurer under the *Public Finance and Audit Act 1987*; and
- relevant Australian Accounting Standards with reduced disclosure requirements.

For the purposes of preparing the financial statements, the Board is a not-for-profit entity. The financial statements are prepared based on a 12 month reporting period and presented in Australian currency. The historical cost convention is used unless a different measurement basis is specifically disclosed in the note associated with the item measured.

The Department for Environment and Water (DEW) prepares a Business Activity Statement on behalf of the Board under the grouping provisions of the Goods and Services Tax (GST) legislation. Under these provisions, DEW is liable for the payments and entitled to the receipts associated with GST. Therefore, the Board's net GST receivable/payable is recorded in DEW's Statement of Financial Position. GST cash flows applicable to the Board are recorded in DEW's Statement of Cash Flows.

Assets and liabilities that are to be sold, consumed or realised as part of the normal operating cycle have been classified as current assets or current liabilities. All other assets and liabilities are classified as non-current.

Board of Botanic Gardens and State Herbarium
Notes to and forming part of the financial statements
For the year ended 30 June 2021

1.2. Objectives and programs

Strategic context

The Board was established under section 6 of the *Botanic Gardens and State Herbarium Act 1978* (the Act).

The Board, on behalf of the South Australian community, has stewardship for the lands and premises placed under the control of the Board.

The objectives of the Board are to ensure the maintenance and development of the South Australian Botanic Gardens and State Herbarium, for the use and enjoyment for members of the public as well as supporting scientific research and educational activities.

Financial arrangements

The financial activities of the Board are administered through the Botanic Gardens Endowment and Commercial Fund (the Fund) in accordance with the Act. The Fund is an interest bearing Deposit Account with the Department of Treasury and Finance (DTF) pursuant to section 21(1) of the *Public Finance and Audit Act 1987* (PFAA).

DEW conducts a large number of activities directed towards meeting the Board's responsibilities under the Act. Due to DEW receiving appropriation funding, and directing and controlling the expenditure for these activities, the revenue and expenditure relating to those activities are recognised in DEW's financial statements rather than the Board's. Activities undertaken by DEW in support of the administration of the Act and Board are disclosed in note 8.1.

In accordance with the provisions of the Act, the Board has delegated certain functions to officers within DEW who provide certain technical and administrative support including the use of certain plant and equipment, office accommodation and various administrative services. The cost of the services provided that are identifiable with the activities of the Board and can be measured reliably, are met by the Board. Other support services that are not identifiable and/or cannot be measured reliably are provided free of charge and have not been recognised in these financial statements.

Programs of the Board

In achieving its objectives, the Board conducts its services through a single program, Botanic Gardens Management. The purpose of this program is to manage the natural and cultural resources of the Botanic Gardens and State Herbarium to advance plant appreciation, knowledge and conservation through our natural and cultural collections and programs. As the Board conducts its services through a single program, a Statement of Expenses and Income by Program has not been prepared.

1.3. Impact of COVID-19 pandemic on the Board

The COVID-19 pandemic impacted from March 2020. DEW on behalf of the Board ensured precautions were taken for staff and the public where sites and facilities remained open, adopting best practice advice to ensure personal safety at those sites.

Key impacts to the Board in 2020-21 was a reduction in capacity to complete some projects in the field, and the inability to hold major revenue earning events. The Board, supported by the Department of Treasury and Finance, also provided rent relief for three quarters of the 2020-21 financial year to commercial lessees operating within the Botanic Garden sites. Supplementary income was received from the Department of Treasury and Finance in lieu of this rental income, refer to note 2.3. Business interruption compensation was claimed and received through SAICORP for loss of net event and programme revenue due to COVID-19 restrictions, refer to note 2.6.

Board of Botanic Gardens and State Herbarium
Notes to and forming part of the financial statements
For the year ended 30 June 2021

2. Income

2.1. Fees and charges

	2021	2020
	\$'000	\$'000
Car parking	1 109	669
Garden functions	82	633
Property rental and related income	162	236
Expiation fees	56	65
Admissions and guided tours	67	32
Professional services	657	-
Sale of goods	17	5
Total revenues from fees and charges	2 150	1 640

Car park revenue is predominately collected at Adelaide Botanic Garden and Botanic Park site and is recognised as income on receipt.

Professional services relate to bushfire recovery programs and threatened species work as part of the January 2020 bushfires in Kangaroo Island and Cuddlee Creek and review of pest plants.

2.2. Grants

	2021	2020
	\$'000	\$'000
Private industry and local government	319	122
Grants received from other entities within the SA Government	3	-
Total grant revenues	322	122

All grant revenues are recognised by the Board on receipt.

2.3. Intra-government transfers

	2021	2020
	\$'000	\$'000
Rent relief reimbursement from the Department of Treasury and Finance	149	74
Total intra-government transfers	149	74

Intra-government transfers are recognised as income on receipt.

Rent relief measures actioned due to COVID-19 were reimbursed by the Department of Treasury and Finance. Refer to note 1.3.

2.4. Interest

	2021	2020
	\$'000	\$'000
Interest on deposit accounts	1	18
Total interest revenues	1	18

Board of Botanic Gardens and State Herbarium
Notes to and forming part of the financial statements
For the year ended 30 June 2021

2.5. Resources received free of charge

	2021	2020
	\$'000	\$'000
Plant and equipment	109	393
Park infrastructure	188	209
Buildings and improvements	-	66
Total resources received free of charge	297	668

Resources received free of charge are recorded as revenue in the Statement of Comprehensive Income at their fair value. Contributions of services are recognised only when a fair value can be determined reliably and the services would be purchased if they had not been donated.

During the current year, assets to the value of \$0.297 million (2020: \$0.668 million) were transferred from DEW to the Board free of charge. Assets transferred related to Herbarium Gas Suppression and Amazon Waterlily pond upgrade.

2.6. Other income

	2021	2020
	\$'000	\$'000
Insurance recoveries	698	-
Asset related adjustments	255	597
Reimbursement of Expenses	294	518
Sponsorships, donations, commissions and bequests	101	31
Total other income	1 348	1 146

Insurance recoveries include \$0.698m in COVID-19 Business Interruption claim settlement payments from SAFA.

Asset related adjustments relate to assets that were not previously recognised by the Board which have been identified through asset stocktake processes during the financial year. All other revenue is recognised upon receipt.

Board of Botanic Gardens and State Herbarium
Notes to and forming part of the financial statements
For the year ended 30 June 2021

3. Board, committees and employees

3.1. Key management personnel

Key management personnel of the Board include the Minister for Environment and Water, the Presiding Member, the Director and the other members of the Board who have responsibility for the strategic direction and management of the Board.

Total compensation for key management personnel was \$278 000 in 2020-21 and \$287 000 in 2019-20.

The compensation disclosed in this note excludes salaries and other benefits the Minister receives. The Minister's remuneration and allowances are set by the *Parliamentary Remuneration Act 1990* and the Remuneration Tribunal of SA respectively and are payable from the Consolidated Account under section 6 the *Parliamentary Remuneration Act 1990*.

Transactions with key management personnel and other related parties

There were no transactions with key management personnel (other than board remuneration) or related parties.

3.2. Board and committee members

Members of the Board during the 2021 financial year were:

Board of the Botanic Gardens & State Herbarium

J Potter (Presiding Member)

R DiMonte

J Restas

I M Redmond

E A Raupach

A Kay

L J Parry

P H Kennedy (appointed March 2021)

* In accordance with the Department of the Premier and Cabinet's Circular Number 016, government employees did not receive any remuneration for board/committee duties during the financial year.

Board and committee remuneration

The number of members whose remuneration received or receivable falls within the following bands:

	2021	2020
\$0 - \$19 999	7	8
\$20 000 - \$39 999	1	1
Total number of members	8	9

The total remuneration received or receivable by members was \$104 000 (2020: \$108 000). Remuneration of members includes sitting fees, superannuation contributions, salary sacrifice benefits, fringe benefits and related fringe benefits tax.

Board of Botanic Gardens and State Herbarium
Notes to and forming part of the financial statements
For the year ended 30 June 2021

3.3. Board members expenses

	2021	2020
	\$'000	\$'000
Board and committees fees	96	100
Remuneration on-costs - superannuation	8	8
Remuneration on-costs - other	5	5
Total board member expenses	109	113

Board member expenses include all board fees and other costs including superannuation. These are recognised when incurred.

Services to the Board are provided by personnel employed by DEW; hence no employee benefits or related provisions are included in the Board's financial statements. Employee benefits relating to relevant employees are reflected in the financial statements of DEW.

4. Expenses

4.1. Supplies and services

	2021	2020
	\$'000	\$'000
Fee for service	910	548
Accommodation	152	93
General administration	126	101
Minor works, maintenance & equipment	92	112
Scientific and technical services	82	-
Consultants	18	-
Other	57	27
Total supplies and services	1 437	881

Consultants

The number of consultancies and the dollar amount paid/payable (included in supplies and services expense) to consultants that fell within the following bands:

	2021	2021	2020	2020
	Number	\$'000	Number	\$'000
\$10 000 or above	1	18	-	-
Total	1	18	-	-

4.2. Reimbursement of DEW expenses

	2021	2020
	\$'000	\$'000
Department for Environment and Water	655	829
Total grants and subsidies	655	829

Board of Botanic Gardens and State Herbarium
Notes to and forming part of the financial statements
For the year ended 30 June 2021

4.3. Other expenses

	2021	2020
	\$'000	\$'000
Movement in Inventory	(50)	(8)
Property, plant and equipment write-offs	51	-
Other (including audit fees)	30	29
Total other expenses	31	21

Audit fees paid/payable to the Auditor-General's Department relating to work performed under the Public Finance and Audit Act 1987 were \$29 700 (2020: \$29 100). No other services were provided by the Auditor-General's Department.

Board of Botanic Gardens and State Herbarium
Notes to and forming part of the financial statements
For the year ended 30 June 2021

5. Non-financial assets

5.1. Property, plant and equipment owned by the Board

Reconciliation 2020-21	Land	Buildings and improvements	Park infrastructure	Roads, tracks and trails
	\$'000	\$'000	\$'000	\$'000
Carrying amount at 1 July 2020	22 165	17 906	10 295	1 121
Acquisitions	-	-	-	-
Assets received for nil consideration	-	-	188	-
Initial Recognition	-	-	92	77
Asset related adjustments recognised in Other				
Income	-	-	84	14
Transfers between classes	-	-	191	(191)
Write-offs	-	-	-	(51)
Depreciation	-	(699)	(1 017)	(81)
Net revaluation decrement	-	-	-	(295)
Carrying amount at 30 June 2021	22 165	17 207	9 833	594
Gross carrying amount				
Gross carrying amount	22 165	39 902	74 071	4 226
Accumulated depreciation	-	(22 695)	(64 238)	(3 632)
Carrying amount at the end of the period	22 165	17 207	9 833	594

	Plant and equipment	Other	Capital work in progres	Total
	\$'000	\$'000	\$'000	\$'000
Carrying amount at 1 July 2020	1 360	8 072	-	60 919
Acquisitions	-	-	59	59
Assets received for nil consideration	109	-	-	297
Initial Recognition	-	-	-	169
Asset related adjustments recognised in Other				
Income	(10)	-	-	88
Transfers between classes	-	-	-	-
Write-offs	-	-	-	(51)
Depreciation	(332)	-	-	(2 129)
Net revaluation decrement	-	-	-	(295)
Carrying amount at 30 June 2021	1 127	8 072	59	59 057
Gross carrying amount				
Gross carrying amount	3 457	8 072	59	151 952
Accumulated depreciation	(2 330)	-	-	(92 895)
Carrying amount at the end of the period	1 127	8 072	59	59 057

Board of Botanic Gardens and State Herbarium
Notes to and forming part of the financial statements
For the year ended 30 June 2021

5.1. Property, plant and equipment owned by the Board (continued)

Reconciliation 2019-20

	Land \$'000	Buildings and improvements \$'000	Park infrastructure \$'000	Roads, tracks and trails \$'000
Carrying amount at 1 July 2019	18 682	18 550	10 717	903
Acquisitions	-	-	54	45
Assets received for nil consideration	-	66	209	-
Asset related adjustments recognised in Other Income	-	-	278	319
Depreciation	-	(710)	(963)	(146)
Net revaluation increment	3 483	-	-	-
Carrying amount at 30 June 2020	22 165	17 906	10 295	1 121

Gross carrying amount

Gross carrying amount	22 165	39 902	73 541	4 747
Accumulated depreciation	-	(21 996)	(63 246)	(3 626)
Carrying amount at the end of the period	22 165	17 906	10 295	1 121

	Plant and equipment \$'000	Other \$'000	Total \$'000
Carrying amount at 1 July 2019	1 314	8 072	58 238
Acquisitions	-	-	99
Assets received for nil consideration	393	-	668
Asset related adjustments recognised in Other Income	-	-	597
Depreciation	(347)	-	(2 166)
Net revaluation increment	-	-	3 483
Carrying amount at 30 June 2020	1 360	8 072	60 919

Gross carrying amount			
Gross carrying amount	3 457	8 072	151 884
Accumulated depreciation	(2 097)	-	(90 965)
Carrying amount at the end of the period	1 360	8 072	60 919

The assets presented below do not meet the definition of investment property.

Property, plant and equipment owned by the department with a value equal to or in excess of \$10 000 is capitalised, otherwise it is expensed. Property, plant and equipment owned by the department is recorded at fair value. Detail about the department's approach to fair value is set out in note 10.1.

Board of Botanic Gardens and State Herbarium
Notes to and forming part of the financial statements
For the year ended 30 June 2021

5.1. Property, plant and equipment owned by the Board (continued)

Impairment

Property, plant and equipment owned by the department has not been assessed for impairment as they are non-cash generating assets, that are specialised in nature and held for continual use of their service capacity.

Revaluation of property, plant and equipment is undertaken on a regular cycle as detailed in note 10.2. If at any time management considers that the carrying amount of an asset materially differs from its fair value, then the asset will be revalued regardless of when the last valuation took place.

All non-current assets not held for sale with a limited useful life are systematically depreciated/amortised over their useful lives in a manner that reflects the consumption of their service potential.

Useful life

Depreciation is calculated on a straight-line basis over the estimated useful life of the following classes of assets as follows:

Class of asset	Useful life (years)
Park Infrastructure	1-60
Plant and Equipment	5-25
Roads, Tracks and Trails	6-35
Other Assets	5-99
Furniture and Fittings	10
Buildings and Improvements	9-105

Review of accounting estimates

Assets' residual values, useful lives and amortisation methods are reviewed and adjusted, if appropriate, on an annual basis. Changes in the expected life or the expected pattern of consumption of future economic benefits embodied in the asset are accounted for prospectively by changing the time period or method, as appropriate.

Board of Botanic Gardens and State Herbarium
Notes to and forming part of the financial statements
For the year ended 30 June 2021

5.2. Inventories

	2021	2020
	\$'000	\$'000
<u>Current - held for sale</u>		
Inventories held for resale - at cost		
Finished goods held for resale - at cost	125	72
Total inventories	125	72

Inventories held for distribution at no or nominal consideration are measured at cost and adjusted when applicable for any loss of service potential. Inventories held for sale are measured at the lower of cost or their net realisable value.

Cost for all other inventory is measured on the basis of the first in, first out method. Net realisable value is determined using the estimated sales proceeds less costs incurred in marketing, selling and distribution to customers.

Inventory write-down

The amount of any inventory write-down to net realisable value or inventory losses are recognised in the Statement of Comprehensive Income as an expense in the period the write-down or loss occurred. Any write-down reversals are recognised as an expense reduction in the Statement of Comprehensive Income.

6. Financial assets

6.1. Cash and cash equivalents

	2021	2020
	\$'000	\$'000
Deposits with the Treasurer	4 780	3 959
Total cash and cash equivalents	4 780	3 959

Deposits with the Treasurer

Special deposit accounts are established under section 8 of the Public Finance and *Audit Act 1987*. Special deposit accounts must be used in accordance with their approved purpose.

The Board invests surplus funds with the Treasurer. Interest is earned on the average monthly balance at rates based on the DTF 90-day average overnight cash interest rate and interest is paid at the end of each quarter. With the RBA interest rate cut on 1 November 2020, the official interest rate for interest bearing deposit accounts become 0%. As the RBA rate was set at 0.10%, the incremental 15 basis point are the administration fee of DTF.

Board of Botanic Gardens and State Herbarium
Notes to and forming part of the financial statements
For the year ended 30 June 2021

6.2. Receivables

	2021	2020
<u>Current</u>	\$'000	\$'000
Trade receivables		
From non government entities	346	206
Less impairment loss on receivables	(148)	(148)
Total trade receivables	198	58
Accrued revenue	615	-
Total current receivables	813	58
Total receivables	813	58

Trade receivables arise in the normal course of selling goods and services to other government agencies and to the public. Trade receivables are normally settled within 30 days after the issue of an invoice or the goods/services have been provided under a contractual arrangement.

Receivables and accrued revenues are non-interest bearing. Receivables are held with the objective of collecting the contractual cash flows and they are measured at amortised cost.

The impairment loss on receivables relates to doubtful debts initially recognised in the prior period. The matter is currently being heard by the courts and as at the reporting date a decision was still pending.

Refer to note 10.2 for details regarding credit risk and the methodology for determining impairment.

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7. Liabilities

7.1. Payables

	2021 \$'000	2020 \$'000
<u>Current</u>		
Trade payable	120	36
Accrued expenses	62	60
Employee benefit on-costs	6	3
Total current payables	188	99
Total payables	188	99

Payables and accruals are raised for all amounts owing but unpaid. Sundry payables are normally settled within 30 days from the date the invoice is first received. All payables are non-interest bearing. The carrying amount of payables represents fair value due to their short-term nature.

8. Other disclosures

8.1. Activities undertaken by Department for Environment and Water

The following details the expenses and revenues incurred by DEW in performing activities associated with the Board.

	2021 \$'000	2020 \$'000
Expenses from ordinary activities		
Employee benefits expenses	5 850	5 761
Supplies and services	3 596	2 789
Grants and subsidies	-	306
Depreciation	591	492
Assets donated to the Board	297	668
Other expenses	(7)	(18)
Total expenses from ordinary activities	10 327	9 998
Revenues from ordinary activities		
Fees and charges	191	305
Grant	860	1 000
Total revenues from ordinary activities	1 051	1 305

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9. Outlook

9.1. Unrecognised commitments

The Board had no unrecognised contractual commitments as at 30 June 2021. All capital commitments associated with the Board are managed by DEW and reflected in their financial statements.

9.2. Contingent assets and liabilities

Contingent assets and contingent liabilities are not recognised in the Statement of Financial Position, but are disclosed by way of a note and, if quantifiable, are measured at nominal value.

The Board is not aware of the existence of any contingent assets or contingent liabilities.

9.3. COVID-19 pandemic outlook for the Board

The COVID-19 pandemic will continue to impact the operations of the Board in 2021-22. The key expected impacts are:

- Delays to some planned projects
- Postponement of scheduled / planned events
- Potential loss of car parking revenue
- Potential loss of rental revenue.

9.4. Events after the reporting period

There are no known events after balance date that affects these general purpose financial statements in a material manner.

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10. Measurement and risk

10.1. Fair Value

AASB 13 *Fair Value Measurement* defines fair value as the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants, in the principal or most advantageous market, at the measurement date.

Initial recognition

Non-current tangible assets are initially recorded at cost or at the value of any liabilities assumed, plus any incidental cost involved with the acquisition.

Where assets are acquired at no value, or minimal value, they are recorded at fair value in the Statement of Financial Position. However, if the assets are acquired at no or nominal value as part of a restructure of administrative arrangements, then the assets are recognised at book value (that is the amount recorded by the transferor public authority immediately prior to the restructure).

State Herbarium Collection

The State Herbarium is the state's major provider of authoritative data and information on the plants, algae and fungi of South Australia. The collections of the State Herbarium comprise a large sustainable sample of the flora of South Australia, Australia and the world, particularly Mediterranean regions. These specimens, of which there are approximately 1 million, while providing a unique scientific resource require considerable maintenance.

The State Herbarium Collection is a heritage asset which is considered so unique that it is not capable of reliable measurement. Hence, the value of the collection has not been recognised in the Financial Statements.

Restrictions on use - land

Section 14 of the Act states that the Board may not dispose of any interest in land vested in it, nor may it be divested of the control of any land placed under its control, except in pursuance of a resolution passed by both Houses of Parliament.

Land controlled by the Board comprises of Crown land dedicated to the Board or held by the Minister for Environment and Water on behalf of the Board. The land generally has restrictions on use imposed by statute or by regulation. These restrictions have been taken into account by the independent valuers (State Valuation Office).

Carrying amounts of property, plant and equipment

Classes of property, plant and equipment are valued as follows:

(a) Independent valuation

Generic assets are valued using the Data Dictionary model. Unique assets are items which cannot be categorised within the standard Data Dictionary groups. These assets are valued separately by independent professional valuers.

(b) At cost (acquisition cost)

This class includes one or more items that have an acquisition cost exceeding \$1.5 million. All assets within this class are temporarily held at cost pending revaluation.

(c) At cost (deemed fair value)

These assets have an acquisition cost below \$1.5 million and are deemed held at fair value.

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10.1. Fair Value (continued)

Revaluation

Property, plant and equipment are subsequently measured at fair value after allowing for accumulated depreciation.

Non-current tangible assets are valued at fair value and revaluation of a non-current assets or group of assets is only performed when its fair value at the time of acquisition is greater than \$1.5 million and estimated useful life is greater than three years.

Asset classes that did not satisfy this criteria and are therefore deemed to be at fair value are:

- Furniture and fittings
- Plant and equipment.

Every six years, the Board revalues its books and artefacts, land, buildings and improvements, park infrastructure and roads, tracks and trails via an independent Certified Practising Valuer.

If at any time, management considers that the carrying amount of an asset materially differs from its fair value, then the asset will be revalued regardless of when the last valuation took place.

Non-current tangible assets that are acquired between revaluations are held at cost until the next valuation, when they are revalued to fair value.

For all property, plant and equipment assets that have been subject to an independent revaluation both the replacement cost and the associated accumulated depreciation have been presented on a gross basis.

Property, plant and equipment assets due for revaluation are assessed to determine whether they should be classified as generic assets or unique assets.

Generic building and improvements, infrastructure and road assets are valued using a data dictionary approach. The Data Dictionary model is contained within DEW's Asset Register and Management Information System (ARAMIS) system. The Data Dictionary model calculates a value for an asset based on description, grade / composition, condition and size / quantity. The model value is adjusted by a locality factor to take into account climatic conditions. The valuation model itself is reviewed every five years.

An independent valuation was performed for the RTT asset class during the reporting period. RTT assets were revalued using a Data Dictionary approach. The Data Dictionary model is contained within DEW's ARAMIS software system. The revaluation was undertaken from February - April 2021, and applied as at 1 July 2020. Asset useful lives were also reviewed. The revaluation was undertaken by a Certified Practising Valuer, Mr F Taormina, B.App.Sc (Val), AAPI, of Valcorp Australia Pty Ltd.

Unique buildings and improvements and park infrastructure are assets for which application of the Data Dictionary model is considered inappropriate. Generally, these assets were constructed following specific fit-for purpose designs.

The valuers used by the Board are as follows:

- 1 July 2020, valuation of data dictionary: Roads, tracks and trails: Valcorp Australia Pty Ltd, Mr Fred Taormina, BAppSc (Val), AAPI
- 1 July 2019, valuation of land, Office of the Valuer-General, Mr Greg McCloud, FAPI CPV Senior Valuer
- 1 July 2016, valuation of data dictionary: buildings, infrastructure and roads, Valcorp Australia Pty Ltd, Mr Fred Taormina, BAppSc (Val), AAPI
- 1 July 2016, valuation of unique items, Herron Todd White, Mr Paul Tilley, FAPI, AREI, CREI (Val)
- 30 June 2017, valuation of other items:
 - Library collections, Mr Michael Treloar, Antiquarian and member of ANZAAB, ILAB and AAADAY
 - Fine Art Collections and Artefacts, Tusmore Antiques, Mr Anthony Hurl, BA, MSAA, MAASA, CINOA, Fine Art Valuer.

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10.1. Fair Value (continued)

The fair value of unique assets was determined by identifying a market buying price, estimated as written down modern equivalent replacement cost.

The fair value of land and buildings was based on recent market transactions for similar land and buildings in the area taking into account zoning and restrictions on use.

The fair value of the Other – books and artefacts asset category was determined as follows:

- general collections, rare books and journals and archival material - market approach, which represented a price a knowledgeable purchaser could reasonably expect to pay for the items
- fine art collections and artefacts – market approach, which was mainly determined by overseas markets and the prevailing exchange rate on the inspection date.

The Board's land assets, comprising Crown land dedicated to the Board or held by the Minister for Environment and Water on behalf of the Board, were revalued as at 1 July 2019. The independent revaluation was undertaken by Certified Practising Valuers, Mr Mark Kay, Chief Valuer, Office of the Valuer General and Mr Greg McCloud, Senior Valuer Office of the Valuer General.

A market based method was used when by comparing property data to that of similar sales with consideration of restrictions on use and/ or zoning, property size and shape, topography, location, sale date and market movement, if any, and other relevant factors specific to the land being valued.

10.2. Financial instruments

Financial risk management

Risk management is managed by the Board's corporate services section. Board risk management policies are in accordance with the *SA Government Risk Management Guide* and the principles established in the Australian Standard *Risk Management Principles and Guidelines*.

The Board's exposure to financial risk (liquidity risk, credit risk and market risk) is low due to the nature of the financial instruments held.

Credit risk

The Board has policies and procedures in place to ensure that transactions occur with customers with appropriate credit history.

No collateral is held as security and no credit enhancements relate to financial assets held by the Board.

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10.2. Financial instruments (continued)

Impairment of financial assets

Loss allowances for receivables are measured at an amount equal to lifetime expected credit loss using the simplified approach in AASB 9. The Board traditionally uses an allowance matrix to measure the expected credit loss of receivables from non-government debtors which comprise a large number of small balances, however this was not applied for the 2020-21 reporting period.

To measure the expected credit losses, receivables are grouped based on shared risks characteristics and the days past due. When estimating expected credit loss, the Board considers reasonable and supportable information that is relevant and available without undue cost or effort. This includes both quantitative and qualitative information and analysis, based on the Board's historical experience and informed credit assessment, including forward-looking information.

The maximum period considered when estimating expected credit losses is the maximum contractual period over which the Board is exposed to credit risk.

The expected credit loss of government debtors is considered to be nil based on the external credit ratings and nature of the counterparties.

Loss rates are calculated based on the probability of a receivable progressing through stages to write off based on the common risk characteristics of the transaction and debtor.

Liquidity risk

The Board is funded principally by revenue from fees and charges (refer to note 2.1). The Board works with the DTF to determine the cash flows associated with its government-approved program of work and to ensure funding is provided through SA Government budgetary processes to meet the expected cash flows.

Refer to note 7.1 for further information.

Categorisation of financial instruments

Details of the significant accounting policies and methods adopted including the criteria for recognition, the basis of measurement, and the basis on which income and expenses are recognised with respect to each class of financial asset, financial liability and equity instrument are disclosed in the respective financial asset/financial liability note.

Classification of Financial Instruments

The Board measures all financial instruments at amortised cost.

Maturity analysis of financial instruments

	Note	2021 Carrying amount \$'000	2020 Carrying amount \$'000
Financial assets			
Cash and cash equivalents			
Cash and cash equivalents	6.1	4 780	3 959
Financial assets at amortised cost			
Receivables	6.2	813	58
Total financial assets		5 593	4 017
Financial liabilities			
Financial liabilities at amortised cost			
Payables	7.1	106	24
Total financial liabilities		106	24