# Living

Collections 2023+













DEFINED PURPOSES, INCLUDING REFERENCE, RESEARCH, CONSERVATION, EDUCATION AND ORNAMENTAL DISPLAY

Botanic Gardens of Sydney's new Living Collections Strategy (the Strategy) presents a 20-year vision and roadmap for the current and future living collections held across the Australian PlantBank and Australian Botanic Garden Mount Annan, Blue Mountains Botanic Garden Mount Tomah, Royal Botanic Garden Sydney, The Domain and the Australian Institute of Botanical Science.

the Living Collections Policy, research, education and the

foundational element of our science and conservation



WE INVITE YOU TO READ THE FULL LIVING COLLECTIONS ATEGY ON BOTANIC GARDENS OF SYDNEY'S WEBSITE

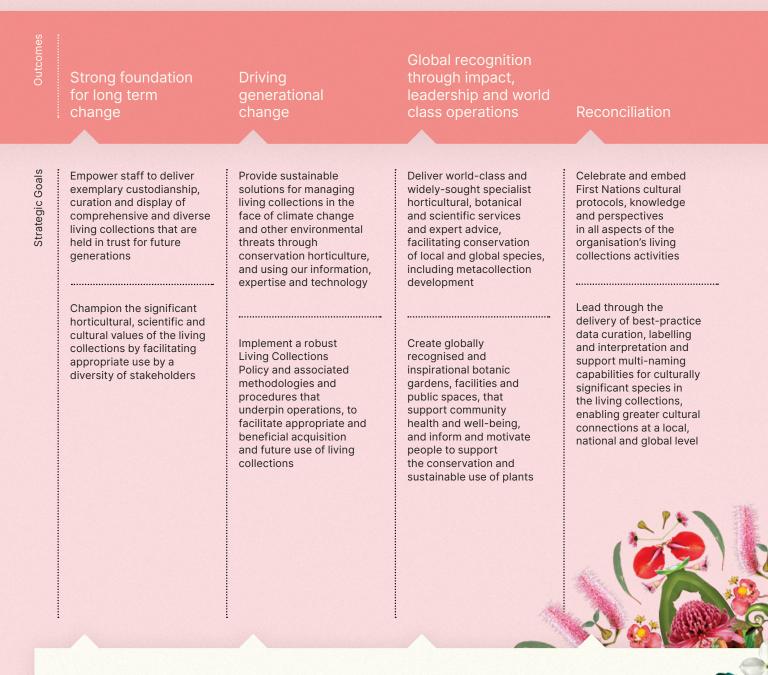


## LIVING COLLECTIONS

**Outcome Statement** 

Deliver living collections that are comprehensive, representative, resilient and expertly curated across Botanic Gardens of Sydney, and available to support conservation, research, education and cultural connections at a local, national and global level

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Priority Actions To be developed as part of the Action Plan during year one of the Living Collections Strategy



The strategic framework that will underpin the acquisition, curation and use of Botanic Gardens of Sydney living collections.

### Collections Resilience

Safeguard the long-term resilience of living collections to ensure they thrive under future environmental changes, embedding resilience as a key consideration across all aspects of the organisation including resourcing, asset design and management, succession planning, integrated irrigation and water management, education and engagement, and staff development

Secure major digital advances and requisite technology to support innovation in living collections management, and maintain long-term systems resilience to support diverse, comprehensive and representative living collections

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### Connections and influence in biodiversity conservation

Curate a representative collection of all New South Wales native plant species, optimising genetic diversity to support their future conservation and restoration in the wild

Use the living collections to support the management of natural areas for regional biodiversity conservation, and as a resource to facilitate ecological restoration

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Global legacy from community, science and conservation impact

Build and maintain accessible collections that support the functions of Botanic Gardens of Sydney, including contemporary and future science and horticulture requirements, and the conservation of local and global species

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### Horticulture

Agents of change: Elevating the influence of local, national and global botanic gardens by exemplifying best practice nursery operations; living collections curation, display, exhibition and interpretation; records management; and material and knowledge exchange

### Reconciliation and lifelong learning

Inspiring visitors and stakeholders by embedding traditional knowledge that makes connections to Country through interpretation, education and engagement

### Science

Major contributions to knowledge, understanding and documenting of plants through the Australian Institute of Botanical Science

### Conservation

Proactive and responsive to species at threat: helping mitigate risks of extinction with long term species conservation plans and strengthening of healthy and resilient populations and ecosystems, through conservation horticulture, provision of plants and/ or associated knowledge, and detecting new incursions of invasive species and pathogens

# LIVING COLLECTIONS

Botanic Gardens of Sydney is Australia's oldest scientific and horticultural organisation — collecting and curating, conserving and celebrating plants since 1816. More relevant today than ever, our living collections are experienced by over 10 million visitors each year.



### The living collections curated by the Botanic Gardens of Sydney currently include:

65%	796	22.5%	63.8%	69%	11,800	12,573	5,000	200m+
of global plant families represented	species from the International Union for Conservation of Nature Red List of Threatened Plant Species	of nationally listed plant species under the Commonwealth's Environment Protection and Biodiversity Act 1999	of plant species listed in the NSW <i>Biodiversity</i> <i>Conservation</i> <i>Act 2016</i>	of accessions are of wild origin	species from 2,629 genera within 300 plant families	unique subgeneric taxa	living taxa held within Australian PlantBank	living specimens held within Australian PlantBank

# Botanic Gardens of Sydney's key collections are those collections of local, national and international significance.

Site	Key Collection	Number of genera	Number of species
Australian	Asteraceae	25	151
Botanic Garden	Fabaceae	43	267
Mount Annan	Ficus	1	12
	Lamiaceae	15	61
	Malvaceae	16	48
	Myrtaceae	49	670
Section States	Poales	37	51
	Proteaceae	22	460
Blue Mountains	Acer	1	38
Botanic Garden	Heath & Heather	31	69
Mount Tomah	Narcissus	1	21
and the search of the	Puya	1	15
	Rhododendron		132
The same of the second second	Wollemi Pine	1	1
Royal Botanic	Begonia	1	57
Garden Sydney	Ferns	64	176
No. Valida Section Alexandre	Orchids	119	520
	Palms	75	390
	Zingiberales	29	130
The Domain	Significant	80	159
The Domain	& heritage		
a second a s	arboretums		
Across Botanic	Camellias	A	53
Gardens of Sydney	Conifers	59	230
estates	Cycads	10	152
Coolamon (Syzygium moorei). S. Cottrell		Living Collections	data as at 14 March 2023