



#68
October 2025

FRIENDS

FRIENDS OF THE NATIONAL ARBORETUM CANBERRA NEWSLETTER

Chair's Note - Spring 2025



Greetings Friends

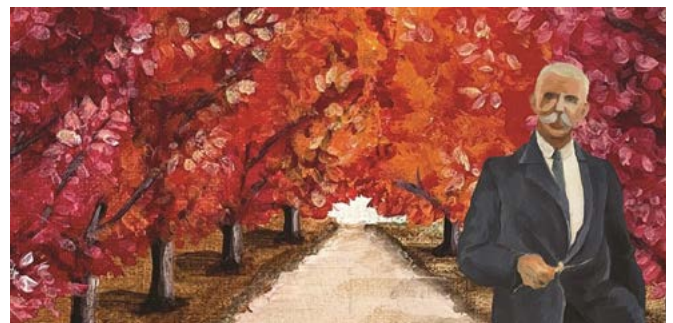
I have a few things to share with you since the Winter newsletter, starting with Warm Trees.

This year the Friends, many volunteers and the Arboretum team combined to stage another very successful Warm Trees event in partnership with a team from the Embassy of the Republic of Korea.

If you weren't able to get out and experience the installation this year, you can see some of the colour and creativity on the Friends website using the link below:

Warm Trees 2025

There has been a change in the Council membership since the AGM. Wal Kelman has stepped down for personal reasons and to fill that spot, Jude Smith was nominated by two Friends who are also members of STEP. Jude's nomination was accepted by Council at the October meeting, and I look forward to her assistance in leading and administering the Friends organisation.



I had the pleasure in September of attending the launch of the Robert Macklin biography on Charles Weston – *The Man Who Planted Canberra*. The National Library of Australia arranged the launch, held in the Margaret Whitlam Pavillion, in conjunction with The Curatoreum gift shop and the Arboretum. The venue was perfect and Robert's talk on his research for the book very enlightening.

I mentioned in my Winter note that the Friends had sponsored an Education Trailer. It's not quite here but when it arrives, we'll certainly let you know.

Have you purchased your 2026 calendars yet?

They are available at the Curatoreum Gift Shop at the Arboretum or online from the Friends Shop.



Chair's Note (continued)

I was volunteering on the morning of Kite Fest and was able to experience firsthand what a great event it was. So many visitors flying kites or just soaking up the happy atmosphere and things to see and do. Unannounced it seems, Costa visited the Arboretum that day as well and joined in the fun. There is a great Instagram reel created by the Arboretum team to get a flavour of the day...

[Kite Fest Instagram](#)

...and another video created by Costa when he visited the Bonsai & Penjing Collection after closing.

[Costa in the Collection](#)

Another great event coming up very soon is Bonsai Reshaped. This year it will be held from 5 – 9 November and features four female bonsai artists – one from Australia and three from Europe. There will be workshops, bonsai markets and the Friday evening event where all four artists will be entertaining us with their bonsai skills. See more on Page 5.

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Mike with Mike

Floyd, Floriade's giant pink gnome, hid 38 of his mini family members across Canberra, including at the Arboretum.

While exploring the Discovery Garden, Mike stumbled upon a namesake looking for the perfect hiding spot: a gnome named 'Mike-Ro-Scope'.



Chair's Note (continued)



Some of you may have seen me wandering around the Arboretum with a camera in hand. A while back, I participated in a Southside Camera Club outing to STEP where the theme was 'macro'. Here are a couple of little things I spotted. A hover fly, a teensy-weensy spider and an ant.

And, as always, don't forget, it is easy to share the benefits of being a Friend with your family and friends by purchasing them a gift membership.

Enjoy the read below and Spring at the Arboretum...

Mike

Key Diary Dates

26 October

Poetry of Spring Forest Walk

5 - 9 November

Bonsai Reshaped

6 December

Christmas Market Stall

16 December

Arboretum and Friends
End of Year Celebration

Parking Pass Reminder



Please check the expiry date on your parking pass and renew your pass if needed.

Parking Operations have noted an increase in expired Friends' parking passes.

Sssssensational weather has finally arrived and the snakes are out & about enjoying the sunshine like the rest of us.

If you encounter a snake, please give them their space. In return they should give you yours.



Poetry of Spring - Long Forest Walk

*'The trees are coming into leaf...
Begin afresh, afresh, afresh'* - Philip Larkin.

Join this guided walk through the forests of the National Arboretum as they awaken from their Winter sleep. Appreciate the beauty of the forests through the perspective of poetry and at the same time deepen your understanding of the magical world of trees.

Book Online Here

Sunday 26 October

12:30- 2:30pm

\$8 per person

Participants will encounter uneven and steep terrain. A moderate level of fitness and ability is required.



Bonsai Reshaped 2025



Heike



Caroline



Sandra



Marcela

5 - 9 November

Bonsai Reshaped is our annual celebration of the art of bonsai.

This year we welcome four internationally recognised female artists: Caroline Scott (UK), Marcela Ferreira (Aus) and Heike van Gunst and Sandra Grlica (Germany).

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The Art of Bonsai, Evening Event
7 November | 6pm - 10pm

An opportunity to connect with all four artists through live demonstrations, while you enjoy canapés, music, curated auctions and more.

Beginner & Intermediate Workshops

5, 6, 8, 9 November | Times vary

Receive personalised guidance and creative inspiration from internationally recognised bonsai artists. Perfect for anyone looking to learn the essentials or to advance their skills.

Bonsai Markets

7 - 9 November | 9am - 4pm | Free entry

From bonsai trees to pots and wire - browse our market stalls for everything you need to start or expand your bonsai collection.

[Book Online Here](#)

For 10% off Workshops &
5% off *The Art of Bonsai*

Use Discount Code: **BR25**

Palynology - Dr J McEwen Mason

In this series of articles, I am answering some palynologically related questions asked of me by Mike, the Chair of the Friends, when he learned of my professional background one day whilst we were volunteering in the Bonsai Collection.

Question 1a

Mike: How is pollen related to the reproduction of plants?

Palynologist: That is a very complex question, but I will try and answer it as simply as I can.

Pollen is indeed part of the reproductive cycle in plants, occurring in both angiosperms (flowering plants) and gymnosperms such as conifers, cycads and ginkgos. Pollen is part of the male plant's reproductive system. Many plants disperse their pollen with the help of the wind and, to assist this, pollen grains can be winged, as in many (but not all), of the gymnosperms. The young female cones of gymnosperms have ovules that are exposed to the air, allowing pollination to occur. Hence, we get the term 'naked seed' for these plants. Male and female cones can occur on the same plant, but in other species, the male plant is separate from the female plant. For example, ginkgos produce either male or female cones on separate trees.

Ginkgo trees are unusual as they produce swimming sperm. They are ancient plants being present from the **Jurassic** period, some 201 to 145 million years ago. Sporophylls on the male ginkgo plant produce pollen tubes containing two sperm cells. The pollen tubes are released and are carried by the wind. Here they may encounter the female cones (See photos 3 and 4). The sperm cells, needed for fertilization, are released from the pollen tube. They are motile (mobile) and reach the ovum where fertilization takes place. This is a very ancient type of pollination. The motile characteristic of sperm also exists in cycads.

The Chinese liken the leaf shape to ducks' feet due to their bifurcation (indentations). The fruit is pungent, and these days male trees are planted in preference to female trees (e.g. along streets) due to the smelliness of the female fruit! Maybe this is what attracted the dinosaurs to them? Another name for the ginkgo tree is the maidenhair tree, due to the similarity of the leaves with those of the maidenhair fern.



▲ **Photo 1:** Fruit on a ginkgo tree after fertilisation took place, along with the golden colour of autumn fan-shaped leaves.

Advice from Dr Roger Hnatiuk is that it has taken thirteen years for the ginkgos at the Arboretum to start to reveal which sex they are.

2025 is their 17th year and the number of trees we know to be female is 14, and 44 are known to be male. Together this is about 6% of the total number of ginkgo trees in Forest 27. These are the precocious ones.

We shall keep track of progress.



► **Photo 2:** Ginkgo leaves at their autumnal best at the National Arboretum in Canberra. Ginkgos are a deciduous conifer, an uncommon feature but not exclusive to this genus of the gymnosperm family.

Palynology - Dr J McEwen Mason (continued)

Some gymnosperms produce hard seed cones after fertilization, like pines and spruce, whereas others produce fleshy cones typical of cycads and podocarps.

Copious amounts of pollen are produced, and the pollen grains themselves are some of the largest pollen grains produced by plants. The fertilized ovules develop into fleshy covered seeds. These seeds were once distributed widely by the megafauna which roamed over the Australian continent up until about 47,000 years ago, when they became extinct over about 4,000 years, coinciding with the colonization of the island continent (Sander van der Kaars, et al, 2017). Megafauna are thought to have feasted on the fleshy seeds, then carried those seeds in their gut. This enabled the seeds to be carried great distances, but nowadays dispersal is restricted to a metre or so from the parent plant. As well as having some of the largest pollen of the plant kingdom, the cones of cycads can also be massive, some about a metre in length.

The pollen strategies of cycads are varied. Some use the wind as a method of dispersal, which is not unusual for gymnosperms. Others apply a process known as thermogenesis, during which heat generated interacts with compounds within the male cones and acts as a stimulus for certain insects and beetles. Beetles can be cycad-specific and in the process of visiting the cones, become covered in pollen. But this trickery doesn't stop there. The female cones can't produce the heat or the scent that the male cones do. Instead, they release essences that mimic the scent of the male cones, thereby tricking the beetles to visit the female cones. The pollen is then transferred from the male to the female cones. Cycads are ancient plants with fossil evidence going back to 280 million years [<https://www.guildfordcycads.com.au>].

"...having some of the largest pollen of the plant kingdom, the cones of cycads can also be massive, some about a metre in length."



Immature Pollen Cone

Ginkgo biloba

In early spring the catkin-like pollen cones emerge green while they are developing the pollen within their pollen sacs



Mature Pollen Cone

Ginkgo biloba

Later in spring the pollen cones typically turn cream or ivory, or sometimes yellow, when they are ready to release their pollen



▲ **Photo 3:** Male cones of the ginkgo tree which develop pollen tubes containing pollen. [photo by Zell and Kwiecien]

◀ **Photo 4:** Female cones of the Ginkgo tree [photo from [pinterest.com](https://www.pinterest.com)]

▼ **Photo 5:** Whilst we are on the subject of cycads, they are dioecious plants- which have the male cones on separate plants from those with the female cones. Female cycad cones are often massive, and their ovules are protected inside scale-like megasporophylls structures. The male cones are slender and elongate.



Male Cone



Male Cone: Apophysis



**Megasporophyll
(Abaxial and Adaxial Sides)**

Palynology - Dr J McEwen Mason (continued)

Some other Gymnosperms (the Araucariaceae family)

The **Araucariaceae** family contains three genera, (**Agathis**, **Araucaria** and **Wollemia**) and have pollen that isn't flanged by wings. Yet these too pollinate the female cones via wind dispersion.

Agathis australis (the New Zealand kauri) is endemic to New Zealand and bears male and female cones. The seeds after fertilization are winged and dispersed by the wind. *Agathis australis* is now confined to the northern tip of the north island of New Zealand, but in the past has had a much wider distribution.

Agathis robusta (the Queensland kauri) is a similar species to the New Zealand Kauri, grows in Queensland, and can live for up to 2,000 years.



▲ **Photo 6:** *Agathis australis* male pollen grain [from pal.grs.cri.nz]



▲ **Photo 7:** *Agathis australis* female cone [photo by John Sawyer]



▲ **Photo 8:** Two Norfolk Island Pines (*Araucaria heterophylla*). This photo shows a younger one in the foreground and mature ones in the background- the plant world's version of a middle age spread!

[photos 8 and 9 by Jenny Mason]



▲ **Photo 9:** This is a cross section of a Norfolk Island pine from Norfolk Island. The British chose Norfolk Island for a penal colony and used the straight Norfolk Island pines as replacements for broken masts. They soon discovered that the pines weren't suitable for masts due to the branches infiltrating the trunks as seen in this example.

Araucaria

This genus grows mainly in the southern hemisphere including Australia, New Caledonia, Papua New Guinea, and some South American countries including Chile, Argentina, Brazil and Uruguay. It has been present on earth since the Middle Jurassic period (174-161 million years ago) until the present day. During the Jurassic and following Cretaceous period (145-66 million years ago) they were distributed more globally. The trees are interesting, in that they typically bear male and female cones on separate trees. However, some individuals have male and female cones on the same tree. Even more astonishing is that araucarias can change sex with time [Michael G. Simpson (2010). *Plant Systematics*. Academic Press].

Araucaria Bidwillii is known as the Bunya pine. It grows in Queensland and has huge female cones when fertilized. The seeds are edible and delicious. The species is monoecious (bearing male and female cones on the same tree). The male cones are long and slender and release their pollen during September and October.

► **Photo 10:** Bunya pine growing at the Arboretum. This demonstrates how the whorl arrangement of branches grows out from the trunk. If you took a horizontal cut through this tree where a whorl has grown, you would get a cross section like that depicted in photo 9.



Palynology - Dr J McEwen Mason (continued)

Wollemi pines (*Wollemia nobilis*)

This genus is critically endangered. A small stand of these pines was discovered by chance in 1994 in a remote valley in the Blue Mountains west of Sydney. Prior to this it was only known from the fossil record. It is long lived species with male or female cones that are located at the terminal end of the side branches on the same tree. It occurs in warm temperate rainforest and has a coppicing habit. The seeds are winged, allowing them to be distributed by the wind. This species has been around for more than 91 million years, and so was present when dinosaurs were walking the earth. It was thought to have died out about 2 million years ago until the chance discovery noted above.

There is a lot of conservation work on this precious species going on in the background at the National Arboretum. Every year volunteers collect the female cones from the Arboretum's trees and extract the seeds. These are then sent to the Mount Annan seedbank, from where they are grown on or sent overseas. If you would like to help extracting seeds from these highly endangered plants, please contact the Arboretum. Seed extraction is done in the first half of the year.



► **Photo 11 and 12:** These photos show a male cone and a female cone of a Wollemi Pine [photo 11 from bhg.com.au; and photo 12 from <https://walkaboutpark>]



Dawn Redwood (*Metasequoia glyptostroboides*)

There seems to be some confusion in the literature regarding the exact year the Dawn Redwood was discovered, but what is certain is that it was discovered firstly through its fossil record (foliage and cones), much like the Wollemi Pine (*Wollemia nobilis*).

In the early 1940's, the Dawn Redwood was discovered as an extant plant growing in China. It is in the Cupressaceae family and is related to the Giant sequoias (*Sequoiadendron giganteum*) found along the Californian coastline. It is an ancient conifer, and like the Ginkgo, is deciduous. Its fossil line, depending on which website you read, dates it back to between 220 and 90 million years ago. The *Metasequoia* forest (Forest 54) at the National Arboretum was planted in 2009. It is an endangered species in Central China, where it is found in ravines and river valleys surrounded by cultivated fields. Separate male and female cones are borne on the same tree.

► **Photo 13:** Dawn Redwood pollen cones in hanging spikes [Image by Dann Schissler <https://arboretum.harvard.edu>]

◄ **Photo 14:** Developing cones on a Dawn Redwood [image taken from <https://arboretum.harvard.edu> by Ned Friedman]

Palynology - Dr J McEwen Mason (continued)

And a timely discovery by Mike on the subject of pollen ...

I was recently atop Dairy Farmers Hill and noticed an example of the reproductive process in action. Photo 15 is of the *Pinus halepensis* planted by Kevin Rudd. A description from Dr Roger Hnatiuk of what I was seeing follows ...

- The lovely red cones at the top are female cones, virtually ready for pollination. If you were to look at them frequently from now, you might just see the pollen drop that is exuded to collect pollen grains, and then withdrawn, pulling the pollen back to a chamber just above the ovule. From there, the dark arts of pollination take place.
- To the lower right are the male cones, looking almost ready to open and disperse pollen.
- There are 3 young branches, seen as narrow, brown cylinders, covered with scales.

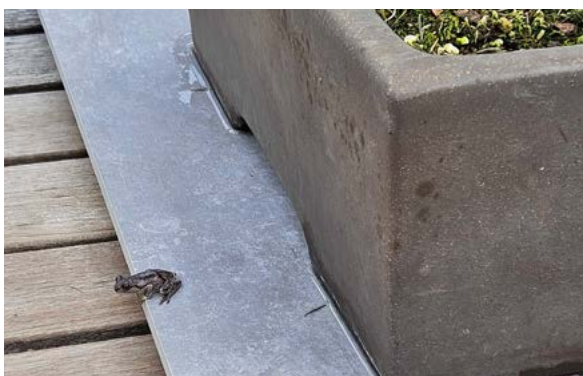
▼ **Photo 15:** Aleppo Pine (*Pinus halepensis*)



Next edition: Flower Power (Article 2) Summer addition
Description of flower, ferns, mosses, algae reproduction

Dr J McEwen Mason
(Your resident Palynologist)

Peron's Tree Frog at the Arboretum - By Alison Purvis



The frogs of the Arboretum have always been important in helping us to understand the health of our ecosystem. It seems that the bonsai collection is a healthy and safe place for this shy Peron's Tree Frog.

Spotted recently, this frog has been noticed by bonsai volunteers hiding under the wooden slats. On a quiet August morning it was perched on the tile near the paperbark tree where these great photos were captured by Allan Read.

Peron's Tree Frogs are quite common in farmland in the ACT where there are scattered eucalypt trees or where woodland is still present and there are farm dams or swamps where they can breed. They are the most arboreal frog in the region and have been known to climb on window panes at night to catch insects. Their call is a distinctive loud descending rattle or crackle and, as a result, they are sometimes called the "maniacal cackling frog".

The Frogwatch volunteers at the Arboretum first recorded Peron's Tree Frog in the Cork Oak dam in the summer of 2011. It is always a treat to hear them and they are a wonderful part of the diversity of this special place.

▲ Peron's Tree Frog near the Paperbark in the Bonsai Collection. Photos: Allan Read

New Volunteer Guides



Fifteen enthusiastic new Guides have completed the theoretical component of their training over six fun and informative evenings.

Supported by dedicated mentors who generously shared their knowledge and passion, the Guides gained essential skills and built confidence as they prepare to share the Arboretum's unique stories with the public. The cohort are currently working with mentors to practice their skills before undertaking final assessments.

Training covered a rich and diverse range of topics, including the forests, Workplace Health and Safety, artworks, water management, and the Arboretum's history. Guides also developed presentation skills and explored key elements of delivering engaging visitor experiences.

Special thanks to Sandra Linsley for generously volunteering her time and sharing her expertise in adult education and facilitation. Her collaboration with Arboretum staff was instrumental in developing this comprehensive program.

Sally Ingham, Volunteer and Visitor Services Manager

Harvest Group - Update

We had a very successful Harvest Stall on 20 September and raised \$2618. There were many plants for sale as well as seeds, wreaths, succulents as well as much produce from the Discovery Garden such as chutneys and fig produce.

I would like to thank all the volunteers who gave up their time for the event. We were able to use the new Friends Banner and had a different configuration for our stall which worked well.

Our last Harvest Stall for the year will be held on Saturday 6th December from 10am to 2pm.

We should have a good supply of produce for Christmas gifts.

Rosy Pate, Harvest Group Coordinator



▲ Maggie, Jeanette, Ange, Janet, and Lorraine. Photo: Rosy Pate



▲ Rosy, Ange, Jeanette, and Janet. Photo by Maggie Hawes

Discovery Kitchen Garden - Update



Spring weather has fluctuated from warm to bitterly cold interspersed with rainy periods almost each week. The winter brassicas flowered early this year and were left in the garden for their beautiful yellow flowers and for beneficial insects to enjoy. By mid-October these were all removed to make way for spring planting. The beneficiaries of this abundance were Cynthia's chooks as nothing was wasted! Potash, blood and bone, and crushed rock minerals were spread over the soil just before it rained to provide an excellent base for new plantings.

Thanks to the Arboretum's wonderful Living Collections Team who are always quick to respond to requests for fertilisers and other

items for the garden. This relationship has been going since 2016 and is of enormous value to the Harvest Group's seed collecting and plant propagation.

The next few months will be busy with plantings of warm weather crops such as tomatoes, chillies, and eggplants as well as amaranth, basil, climbing spinach and French marigolds. Visitors can still enjoy the spectacular cornflowers, crimson flowered broad beans, red stemmed silverbeet, and fragrant sweet peas. The alyssum surrounding the edges of the garden continues to provide the "honey" scent so appealing to visitors who are constantly surprised to find that it is edible but tastes like broccoli or cabbage (as it is from the *brassicaceae* plant family).

Whilst the forecast for a cool wet spring may be good for the garden, much warmer weather is needed for frost sensitive plants and also for aching and arthritic bones!

Happy gardening!

Ange



Growing in the
Kitchen Garden:



Vegetables

Broad Beans (crimson flowered)
Beans, Scarlet Runner
Chilli
Globe Artichoke
Peas, Sugarsnap
Rhubarb
Silverbeet
Silverbeet 'Red Cardinal'
<u>Tomato</u>
Warrigal Greens

Flowers

Alyssum
Calendula
Cornflowers
Iceland Poppy
Nasturtium
Ornamental Kale
Sweet Peas
Sweet William
Violas

Herbs

Borage (Blue & White)
Chives
Fennel
Garlic Chives
Parsley Curly
Parsley Italian
French Sorrel
Salad Beets
Strawberry

News from STEP - Southern Tablelands Ecosystems Park, Forest 20

Hello all

It was a pleasure to see the *Acacia* species putting on their classic 'green and gold' displays as we moved into spring.

The annual Wattle Walks, held on Sunday 31st August, were well attended (25 people in the morning and 13 in the afternoon). We were lucky to have fine weather, as the preceding days had been wet and windy. It was an excellent opportunity to share information about the 33 different types of Southern Tablelands' wattles that we have growing in Forest 20, and several walkers took notes and photos. On Saturday 13th September we provided a guided tour for an enthusiastic group of Friends of the National Botanic Gardens.

The weather has been extreme over winter and I would like to pay tribute to the hardy STEPpers who have continued to come along to the weekly working bees, whatever the weather. There were mornings where there was snow on the nearby hills, thick fog and the secateurs were caked in ice in the tool shed- vigorous digging and pruning were the only ways to keep warm sometimes!

There is a new wooden table setting nestled underneath the eucalypts down in Forest 20. We appreciate the assistance given by the team at National Arboretum and the Friends of NAC, who have given their time, effort and financial support to this project. It has enhanced the visitor experience and is the ideal place for a picnic or just to sit and contemplate the view. The table is accessible from the main carpark near the entrance to STEP.

In other news, the annual Combined Park Care display at the Jamison Centre took place between 5th and 7th of September. This was an opportunity to inform members of the local community about what happens at STEP, and to network with local volunteer organisations. A group of horticulture students from Hawker College attended Forest 20 as part of an educational excursion to the Arboretum. With the help of their teacher, they assisted us with some de-thatching of *Lomandra* rushes in the Bush Tucker Garden and learned about the importance of local indigenous flora.

We are also planning more guided walks for special interest groups from the National Botanic Gardens over the next few months, so all in all, it is looking like a bumper season.

I hope to see you there as the good rainfall and hard work of our volunteers over winter mean that the floral display is quite spectacular this year.

▼ New picnic setting, STEP



▲ *Pultenaea retusa*, Notched bush-pea, STEP

Our working bees are on Thursday mornings each week, usually between 8.30am and 11.30am, and we are always delighted to see new volunteers.

More information can be found at step.asn.au

Jane Cottee, President STEP

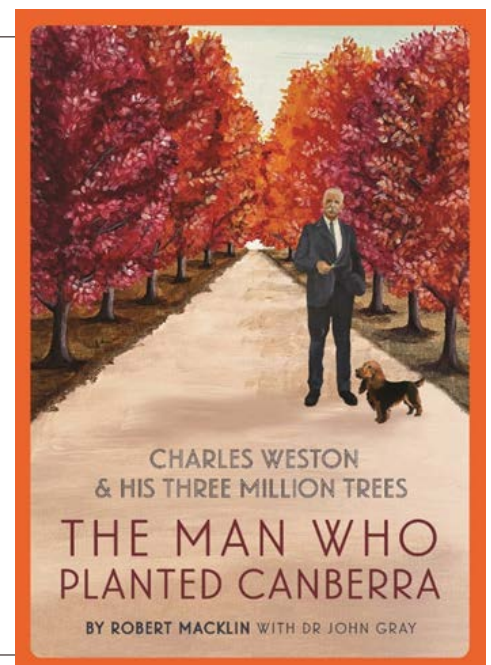
What's new - The Curatoreum

Happy Spring! New and noteworthy this month at The Curatoreum include the fabulous Charles Weston biography by beloved local journo and author, Robert Macklin, and our favourite new additions, the Seed Vases from Ilex Studios. I'm thrilled to be able to offer them at The Curatoreum. During lockdown and before they were widely available, I managed to get hold of one. Watching our Avocado seed emerge and flourish became a favourite family pastime. Part artwork, part scientific experiment, they are gorgeous additions to any home.

Mel and the The Curatoreum Team

The Man Who Planted Canberra: Charles Weston and His Three Million Trees, by Robert Macklin, with John Gray \$39.99

In 1911, English-born Charles Weston climbs Mount Ainslie to the crest of a landscape that has become the site for the Australian capital. Down on the flats, in the harsh sunlight of an April noon, occasional clumps of sheep feed into the prevailing westerly on the scant leavings of an insatiable swarm of rabbits. On the denuded, rabbit-infested Limestone plains, Charles Weston embarked on an ambitious re-greening project that would transform the region and the fledgling nation's capital. This highly readable story of the tree planter of Canberra includes familiar characters in Home Affairs Minister King O'Malley and Walter and Marion Griffin portrayed in a surprising new light and offers readers new insight into the making of the national capital. This is also a story of three million trees and shrubs from Australia and around the world, planted to create a template garden city, less susceptible to climate change.



In the Circle of Ancient Trees



Edited by
VALERIE TROUET
Art by Blaze Cyan

OUR OLDEST TREES AND
THE STORIES THEY TELL

In The Circle of Ancient Trees: Our Oldest Trees and the Stories they Tell, by Valerie Trouet \$59.99

In the growth rings of every tree are ingrained and encrypted the stories of the tree, its environment and the changes through which it has lived. Growing archives of tree-ring samples allow us to read and decode these natural timelines in ever greater detail. This beautifully illustrated book narrates the stories of ten ancient trees, considering why they grew where they grew; how they reflect their habitat; and the events to which they bore witness. Valerie Trouet curates chapter essays by ecologists with specialist knowledge of each tree, exploring how human and environmental history share common roots, while drilling down into the ecology, persistence and resilience of each species.

What's new - The Curatoreum

Avocado & Acorn Vases from \$59.95

For city dwellers, nature lovers, and curious children: these beautifully designed borosilicate glass seed vases come in two different sizes and a multitude of colours. The water reservoir provides ample space for the roots to develop and allows for a view of the resulting growth. Gather a few fallen acorns on your next arboretum stroll, save the seed from your smashed avo toast and watch the progress.



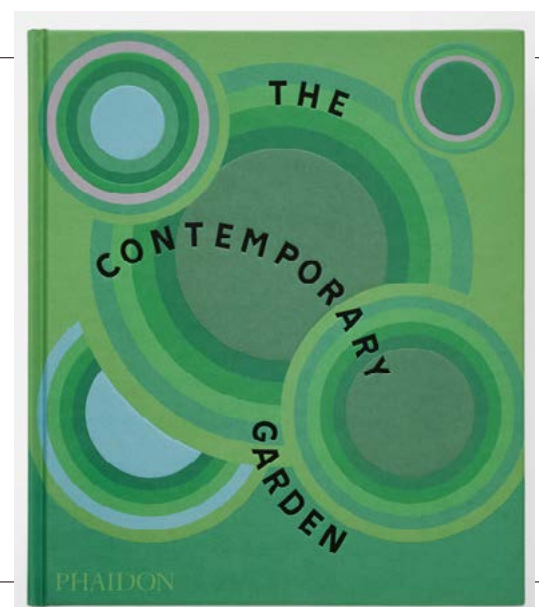
Myrtle & Moss Christmas Range, from \$14.95

Once again, our friends at Myrtle and Moss have designed a beautiful gifting range this Christmas. Available in the two best selling scents, the range consists of 3 options: a mini hand cream tree ornament, a full-size hand cream and soap duo, and a wash, hand cream and mini candle trio. Also new this year is the Flume interior scent range, with a delicate balance of Flowering Gum, Eucalyptus & Lemon Scented Tea Tree.

The Contemporary Garden \$89.95

Celebrate the beauty and creativity of the world's greatest contemporary gardens through this stunning survey highlighting the leading designers of today

The Contemporary Garden showcases 300 outstanding gardens in more than forty countries across the globe. Curated in collaboration with an international team of horticultural experts, this wide-ranging collection includes iconic public gardens such as the High Line and Changi Airport Garden, as well as private gems, such as a dreamy hillside garden in Morocco by Umberto Pasti and Anna Wintour's elegant garden in upstate New York by Miranda Brooks.



Friends Council Members

Chair: Mike Woolley
Deputy Chair: Fran Hinton
Treasurer: Lynley Rees
Secretary:
Publications Officer: Nicole Pietrucha
STEP representative: Jude Smith
NBPCA representative: Sandra Corrigan

Members: Alison Purvis
Barry Langshaw
Carolyn Thomas
Marelle Rawson
Mark Lodder

Donations and Sponsorship Manager:
Trish Keller OAM (not a Council position)



▲ Superb Fairy-wren- Discovery Garden



We ask all Friends to check your membership card for your renewal/expiry date!

And if you haven't joined already, then the time is right to become a Friend!

[Renew or join now](#)

Thank you to all our Sponsors and Contributors

If you have ideas for articles, or items that might be of interest to the Friends such as stories or photos from the Arboretum or further afield, please contact me Nicole Pietrucha on: pietruchanac1@gmail.com

Many thanks to the people who have contributed articles and photos for this and previous issues of the Newsletter, and given generously of your time to write, read and proofread. I could not do it without your help.

