



# Running Postman



Australian Plants Society - Melton & Bacchus Marsh Inc



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## Save the Date...

- Next meeting: Landscape Management for Changing Climate
- Botanica Springs Community Centre
- 249 Clarkes Road, Brookfield
- **Thursday, 28 March, 7.30pm**
- **Dinner at Tabcorp Park at 6pm**



Speaker: Peter Symes,  
Curator of Horticulture for the Royal Botanic Gardens Victoria

Supper Roster: Sue & Ken Ehrenberg

(if you are unavailable to bring supper, please let a committee member know)

### Upcoming Meetings:

April –

Prostanthera and allied  
Genera

Supper – David Johnstone

May –

Process of Plant Pollination

Supper – Alan & Jean  
Partridge

## Monthly Meeting Recap – Australian Oils

Neil was able to join us this month and give us a bit of an introduction on his world for the past 26+ years. His work with the Streets Icecream company helped develop a passion for flavours and fragrances. We learned that there are a strict number of applications for both:

### Flavours

6 Basic Application Categories

1. Confectionery – toffees, chewing gum, candy, pastilles, chocolate, bars etc.
2. Baked Goods – biscuits (sweet & savoury ), cakes
3. Beverages - juices, carbonated , sports & energy, powdered, alcoholic drinks
4. Dairy - milk, yoghurt, ice cream, cheese
5. Savoury – soups, snacks, RTE meals, pet food
6. Pharmaceuticals & Oral Hygiene

### Fragrances

5 Basic Application Categories

1. Fine Fragrance
2. Cosmetics
3. Personal Care – deodorants, hair care, skin care, toilet soap
4. Laundry - soaps and detergents, softeners, ironing aids etc.
5. Household - dish washing, air fresheners, surface cleaners and polishes etc

The customers request was for a match of the fragrance of the flower of

### **Boronia megastigma**

In a normal situation the essential oil or an extract of the target plant would be analysed.

The isolated components: Identified then synthesised or extracted from other sources

A match of the oil can then be created by reconstitution of the individual components.

In some cases where the components of the scent are extremely sensitive or in the case of Boronia where damage to the plant was not possible, and an alternative method was necessary.

Roman Kaiser of Givaudan developed a method of collecting the fragrance of a flower without damaging the plant.

Permission was obtained from WA authorities and with the assistance of Rangers he was able to capture the fragrance of Boronia megastigma using a new technology: “Headspace Capture”.





The headspace equipment involves a hollow dome placed over the flower and forms an airtight seal. Inert gases are passed into the space containing the flower and results in odor compounds being removed from the headspace. These compounds are in turn captured using a variety of techniques, among them cold surfaces, solvent traps, and adsorbent materials. The captured fragrance is then analysed.

The individual components are synthesised and by combining the synthesised components a reconstituted Boronia fragrance was successfully created.



(Not a Boronia, but you get the idea...)

When Roman isn't climbing up trees to sniff them, he works at a fragrance chemist in Zurich.

Check out the Fragrance Wheel at [www.fragrancesoftheworld.com](http://www.fragrancesoftheworld.com) to find out what fragrance family the ones you enjoy the most come from. By clicking on each family, you will be given an example of the fragrance.



example of the fragrance.

Watch out fellas, your ladies are about to do some shopping, or get in first to win your loved ones over and earn bonus brownie points!

Thank you Neil! You have given us much more to think about when we 'stop and smell the roses'...

## Next Meeting – Landscape Management for Changing Climate

This month we are fortunate to have Peter Symes come and speak to us. He is the current Curator Horticulture @ Melbourne Gardens, Royal Botanic Gardens Victoria and has wide-ranging technical support for management of large, diverse landscapes

### Landscape Succession Strategy: creating a future botanical landscape

Melbourne Gardens comprises of 38 hectares of plant collections containing c. 7800 taxa originating from a worldwide distribution. Melbourne's climatic predictions for 2090 indicate significantly hotter and drier conditions, with increased frequency of extreme weather events. The longevity of woody vegetation i.e. trees and the magnitude of projected climatic changes require well-directed management decisions. A planning framework such as the Landscape Succession Strategy (LSS) provides for the transition of the landscape towards the projected climate of 2090, whilst retaining high species diversity, heritage character and landscape functionality. This presentation will outline the development of the LSS, implications for managers of other botanic gardens and what are the future opportunities on our horizon.

### Peter E Symes Biography

Diverse experience in technical support and management of large botanical landscapes including preparation of strategic plans and policies, analysis of plant environments, integrated water management, plant biosecurity, plant selection and soil management. Provided key technical support for large landscape projects such as the Ian Potter Foundation Children's Garden, Guilfoyle's Volcano and Working Wetlands projects. As Curator Horticulture, Peter currently coordinates the development of over 20 living plant collections through challenging climatic conditions and is in the process of completing a Living Collections Strategy. A lead author in developing the Landscape Succession Strategy to maintain plant diversity and guide the future transition of the historic landscape through climate change. Accomplishments in integrated water management to the recognition of RBGV as an industry leader across the world with 65% reductions in potable water use and annualised savings of >AU\$0.5 million with minimal impact on landscape health - even during the Millennium Drought (1997-2010).



(pictures from <https://www.rbg.vic.gov.au/>)

## A Step Back in Time

This month sees an article from Newsletter No 4, dating back to April/May/June of 1991.

*Please note that this is a reprint of the original article. Names may be incorrect or out of date.*

### Climbing Plants – Adrian Mitchell

There is always a spot for climbing plants, even in the smallest garden. They can be added even when the garden is full. They can, of course, be used in the traditional way to go up a post of a verandah or pergola or to cover a fence. They can provide a good windbreak by filling in a trellis. In the open they will often act as a ground cover if no means of support exist. I like to plant them in a dense bed of shrubs and let them ramble through the foliage; sometimes the stronger ones take over and stern discipline needs to be adopted. Consider planting a climber in the same hole as you plant a tree.

What follows is a list of climbers that I have experienced or grown. It is not meant to be exhaustive or definitive.

#### Billardiera (Apple Berries)

*B. bicolor* – cream bells with violet stripes. Five petals.

*B. cymosa* – slender twining plant with bell-like flowers up to 2cm. Flowers range from greenish to pink and blue. Fruits are oblong berries or drupes.

*B. ringens* – from WA. Clusters of orange/red spectacular flowers.

*B. scandens* – long bell-like waisted flowers which are yellow and hang down. 



#### Clematis

*C. aristata* – trifoliolate leaves often bronze and two toned. Starry white/cream flowers. Male and female plants separate. Seeds on female plants have showy woolly attachments for wind dispersal.

*C. microphylla* – Very showy, small green leaves. Excellent for gardens, it grows on trees and fences at Toolern Vale and along the Djerriwarrh Creek.

#### Hardenbergia

*H. comptoniana* – trifoliolate leaves. Racemes of blue pea flowers. Oblong pods. Very showy and vigorous. From Western Australia.

*H. Violacea* – ‘Happy Wanderer’. Similar to above but foliage more bronze and flowers more purple.

### Hibbertia

*H. scandens* – ‘Snake Vine’. Very vigorous, thick green leaves. Large 3 – 4cm yellow flowers in profusion, but last for only a few days.

### Kennedia

All species have trefoil leaves.

*K. beckxiana* – This species has very large bright red flowers which are pea shaped with the largest standard and prominent heel. Probably the showiest of all this genus.

*K. macrophylla* – Masses of brick-red flowers. Very vigorous.

*K. nigricans* – Extremely vigorous. Black flowers with prominent yellow patch on standard.

*K. retrorsa* – Very vigorous. Racemes of blue/mauve flowers.

*K. rubicundra* – Slight bronze foliage, russet-red flowers.

### Pandorea



*P. jasminoides* – Vigorous climber with shiny pinnate leaves. Large showy pink trumpet with deep pink throat. Sometimes leaves are variegated. There is a white-flowering form.

*P. pandorana* – ‘Wonga Vine’. Smaller cream bells with purple stripes in large showy racemes. White and gold forms are available.

### Sollya (Blue Bell Climber)



*S. heterophylla* – Very vigorous and hardy climber with bright oval leaves. Usually blue bells but white and pinkish forms are available. Berries are 2cm oval shape with masses of seeds, berries turn purplish.



## Plant Sale – Hakea List

In preparation for our plant sale, we have the following species and quantities available. Preorders are welcome, with a closing date of 1st April.

The cost is the same as last year, ie \$5 each or 5 for \$20

Please order with Barb and David (dabpye@gmail.com) ASAP

**Please note that pre orders require pre-payment. Bank details are on the last page, please add your name in the description.**

Species	No.	Comments
amplexicaulis	1	
archaeoides	5	
auriculata	8	
bucculenta	12	
clavata	4	Small
cycloptera	7	
dohertyi	14	
elliptica	15	
erecta	15	
francisiana Sandstone	12	
invaginata	11	
laurina	20	
lissocarpha	6	
macraeana	22	
minyma	12	
multilineata cream	24	
neurophylla	2	
nodosa	8	
obtusa	23	
orthorhyncha	13	
pandanicarpa subsp crassifolia	3	
petiolaris	27	
platysperma	12	
plurinervia	11	
pritzellii	15	
prostrata	10	
purpurea	6	
pycnoneura	35	
rugosa	18	
sericea	16	
trifurcata	35	
verrucosa	8	

## Newsletters and information

Remember to check out the dropbox account for new newsletters from other APS groups, study groups and more. They are added regularly and will be left there for a couple of months before being removed.

<https://www.dropbox.com/sh/o4khqv1wrijfmeq3/AABZ9PD-6KLgoLnz75N3MOM0a?dl=0>

## Change to Plant Sale Proposal



There is a consideration for a change to the annual plant sale from next year (2020). A proposal has been put forth to the Geelong APS as a consideration for having us as a vendor at their Autumn Plant Sale at Lovely Banks. The following is an excerpt of what was forwarded to them:

### **BACKGROUND:**

- In previous years, our group has conducted an annual Australian Native Plant sale in Bacchus Marsh.
- Our plant sale is usually scheduled to be 2 – 3 weeks following your sale.
- Our sellers reflect those who attend your sale including Philip Vaughan and Friends of Melton Botanic Garden.
- The M&BM sale is smaller which is due in part to the fewer active members of our group.
- The plant genus in profile, for sale exclusively by our group, is Hakea.

### **PROPOSAL:**

- APS Melton & Bacchus Marsh cease conducting an annual plant sale.
- APS Melton & Bacchus Marsh apply for and become a vendor at the APS Geelong annual plant sale.

- APS Melton & Bacchus Marsh would pay APS Geelong a site fee according to the vendor fee schedule.
- APS Melton & Bacchus Marsh would sell plants in the genus Hakea only.

There are, of course, pros and cons to us considering this as an option. Some of those have been raised by committee members:

### **Pros for moving to Geelong**

- The annual plant sale conducted by the APS Geelong group carries a reputation of high regard amongst the APSV members and is thus well attended
- Members of the public generally and more specifically APS-Vic are reluctant to travel long distances to attend plant sales timed to occur so closely
- Promotion of Hakeas has not reached its potential to a wider audience due to the lower attendance at our plant sale
- Less administration and coordination for our members involved in setting up our sale

### **Cons against moving to Geelong**

- Community loses source of plants
- Loss of involvement with local community
- We would become just one of a number of sellers
- Small loss of income, although we do not need much income.
- Travel is longer and the Geelong sale runs for a longer time (8am – 4pm)

This is a matter that concerns our entire group, especially those who attend and assist with our sale. Therefore there will be a platform to air concerns on both sides before a silent vote at the March meeting. Please take time to consider your feelings about this. If you are unable to attend at the meeting and would like to have your vote counted, please feel free to email your 'Yes – move to Geelong' or 'No – keep our own sale' option to [c.phot.804@gmail.com](mailto:c.phot.804@gmail.com) Your vote will be kept confidential with me.

## Contacts:

*Australian Plants Society – Melton & Bacchus Marsh Inc.*

*Incorporated in Victoria: A0026204P*

*ABN: 68 053 689 781*

### **APS Melton & Bacchus Marsh Committee 2017/18**

<i>President</i>	<i>Christine Huf</i>	<i>0412 081 074</i>	
<i>Vice President</i>	<i>Russell Wait</i>	<i>0428 388 211</i>	
<i>Secretary</i>	<i>(vacant)</i>	<i>email: <a href="mailto:apsmeltonbacchus@gmail.com">apsmeltonbacchus@gmail.com</a></i>	
<i>Public Officer</i>	<i>David Pye</i>		
<i>Treasurer</i>	<i>Cathy Powers</i>		
<i>Committee</i>	<i>Lucille McCarthy, Barb Pye, Norris McCarthy</i>		
<i>Newsletter Editor</i>	<i>Christine Huf</i>	<i>0412 081 074</i>	<i>email: <a href="mailto:c.phot.804@gmail.com">c.phot.804@gmail.com</a></i>

### **Find us on Facebook!**

All contributions to the newsletter are gratefully received. Please send a word document and photos to the group's email address. If you have any questions, feel free to contact me via email or phone. I am also happy to research a subject for an article if you give me a topic you would like to see explored.

#### **Postal address:**

**PO Box 946**

**Bacchus Marsh VIC 3340**

#### **Bank details: Bendigo Bank, Bacchus Marsh**

**Acc: Australian Plant Society – Melton & Bacchus Marsh Inc**

**BSB: 633 000    Acc No: 158993733**

**MEETINGS: 4<sup>th</sup> Thursday of the month, Feb – Jun, Aug – Nov (doors open at 7.30pm)**

**VENUE: Botanica Springs Community Centre, 249 Clarkes Rd, Brookfield**

APS Victoria website : <http://www.apsvic.org.au/>

ANPSA website: <http://anpsa.org.au>

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