



Arthropodium strictum

Hypocalymna Xanthopetalum

Australian Plants Society Waverley

April / May 2019

Australian Plants Society Waverley Inc. Reg. No. A13116G

<https://sites.google.com/view/apswaverley> PO Box 248 Glen Waverley Vic 3150

Meetings Third Thursday of month, Ground floor, Wadham House, 52 Wadham Parade, Mt Waverley (Melways Map 61 E12) Commencing 8pm

APS Waverley Group Events

APRIL – Thursday 18th

Lynsay Poore - Plants of the coastal area of Western Australia north of Perth

MAY Thursday 16th

Goodenaceae

Marlee Petrie and Margaret Duncan attended the Fred Rogers Seminar and will talk about what they discovered.

JUNE Thursday 20th

Trevor Blake – Thomasias and related genera.

JULY - Thursday 18th

Annual General Meeting. Followed by ...

Andrew Laidlaw, Landscape Architect Royal Botanic Gardens talking about his “Meditation” and “Grotto” Gardens.

SEPTEMBER 24th to OCTOBER 20th

Maranoa Gardens Florilegium.

Town Hall Gallery
360 Burwood Road Hawthorn
Entry free

Twelve local artists from the Balwyn Community Centre have painted an exquisite series of plant specimens picked by the curators of Maranoa Gardens in Balwyn.

These intricate botanical paintings have been created to document the fascinating flora of the Maranoa Gardens, one of the oldest surviving gardens to exclusively feature Australian native plants. Filled with watercolour paintings and drawings in pencil, pen and ink, this exhibition celebrates the collective artistic achievement of these dedicated botanical artists.

Other Events

APRIL 13th – 10.00 am to 4.00 pm

APS Yarra Yarra Native Plant & Book Sale
Eltham Senior Citizens Centre
903 Main Road, Eltham.

APRIL 27th – 8.30 am to 5.00 pm

APS Geelong Australian Native Plant Sale
‘Wirrawilla’, 40 Lovely Banks Road
Lovely Banks. (Mel 431 D6).

Entry \$2 per adult or \$5 per car, children free of charge.
A BBQ, tea, coffee and refreshments, book sales, childrens’ activities and a great selection of native plants.

MAY 4th – 10.00 am to 3.30 pm

APS Mornington Peninsula Plant Sale
‘Seawinds’ Arthurs Seat State Park,
Purves Rd, Arthurs Seat
For further details call 0428 284 974.

MAY 4th

Cranbourne Friends Annual Lunch
Tarnuk Room, Australian Garden.
Guest Speaker is Dean Stewart.

MAY 11th – 9.00 am to 1.00 pm

APS Melton & Bacchus Marsh Plant Sale
St Andrew’s Uniting Church, Gisborne Road, Bacchus Marsh.

JULY 27th and 28th – 10.00 am to 4.00 pm

Cranbourne Friends Winter Plant Sale
Melways 133 K10

SEPTEMBER 30th to OCTOBER 4th

ANPSA 2019 Conference - Blooming Biodiversity

Hosted by
Wildflower Society of Western Australian in Albany, WA.

Pre and post conference tours

Between 21 September to 11 October.

Key Speakers

Professor Stephen D Hopper AC – AJ Swaby Address
Gregory John Keighery.

Details

www.bloomingbiodiversity.com.au

Bookings open January 2019.

February BBQ and Twilight Walk in Valley Reserve

It was a perfect summer's night for our BBQ and twilight walk at Valley Reserve. After dinner Virginia Barnett led our group through the reserve to the wetlands and the Alf Salkin Landing which is named after our Group's first President who played a major role in preserving the native bushland at Valley Reserve and promoting Australian native plants throughout the former Municipality of Waverley.



March Mirini Lang - "The Importance of Saltmarsh Wetlands"



Mirini explained that her interest in salt marshes was sparked by an excursion to the Lauderdale salt marshes east of Hobart during the 2018 Australian Native Plants Society (Australia) [ANPSA] Conference. On the excursion it was pointed out that salt marshes are very important and we are in danger of losing them. Saltmarshes are defined as the community of plants that live in the intertidal zone, that is, the area that is periodically inundated with tidal sea-water. The community consists mainly of short, flowering herbaceous plants living in protected areas of the coast.

They are important because they provide an ecologically rich environment for marine and terrestrial wildlife. They are a source of food and shelter. Non-vascular plants fix nitrogen, stabilize the seabed and provide food for filter feeders facilitating the functioning of estuaries.



Lauderdale Salt Marshes

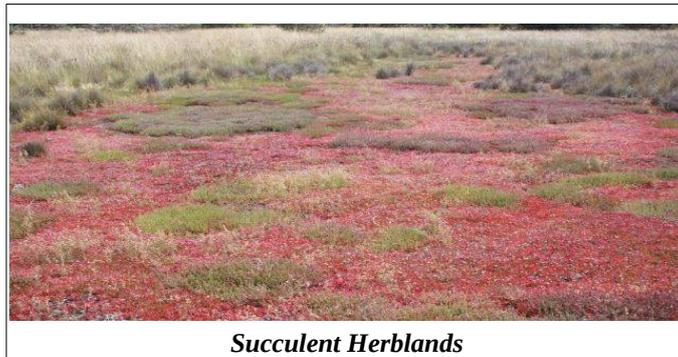
Saltmarshes are under threat from several sources: land reclamation, rising sea-levels, vehicular access, grazing, weeds, bushfires, illegal clearing, pollution, sediment disturbance and drainage systems all have an impact.

Challenges for saltmarsh preservation: Salinity fluctuation, water logging, sediment deposit, sudden temperature shock with submergence, Slow plant growth occurs as the price of diverting energy to deal with salinity.

Saltmarsh plants are halophytes, that is they are salt tolerant plants. Generally, salt water prevents fresh water take-up by osmosis and will quickly kill a plant, however, halophytes cope by using energy to divert the salt via a Sodium/Potassium pump to special parts of the plant allowing water uptake to the remainder.

Mirini's talk was illustrated with photographs of specimens from three of the four categories of saltmarsh plants:

- tidal flats – plants that are inundated daily.
- succulent heathland – the upper reaches of the tidal zone. Here is found a thick carpet of succulents.
- saline sedgeland, grassland – a region of plants that are less salt tolerant. These included a number of fleshy, segmented plants, commonly with numerous red segments. It is thought this may be a response to salt and/or sunburn.



Saline sedgeland and rushland plants on fringe of saltmarsh



Tetragonia implexicoma



Gahnia filum



Juncus kraussii

The talk concluded with several questions and enthusiastic applause.

Thanks Mirini for such an interesting and topical talk and to Gavin Cole for the write up.

Plant of The Month - March***Hypocalymma Xanthopetalum***

This specimen was grown by Margaret Duncan.

Hypocalymma xanthopetalum is a very attractive garden plant and has been in limited cultivation for many years. It requires well drained conditions in full sun or dappled shade and is tolerant of at least moderate frost. Annual pruning helps to maintain a dense, bushy growth habit.

It is a good species for use as cut flowers.

Propagation can be carried out from seed and, based on experience with the related *H.angustifolium*, improved germination may be achieved using smoked water. Propagation from cuttings is the preferred method and cuttings strike readily from hardened, current season's growth.

Committee

Leader	Jenny Kelso	9889-1195
Secretary	Virginia Barnett	9803-4502
Treasurer	Gavin Cole	9885-1249
Newsletter	Graham Oliver	0418 359 067
Librarian	Geoff Schroder	9882-5213
	Marlee Petrie	9701-2272

Supper Roster

<i>April 18th</i>	<i>Faye Feltham</i>
	<i>Graham Oliver</i>
<i>May 16th</i>	<i>Gavin Cole</i>
	<i>Jenny Kelso</i>
<i>Please swap if unable to attend</i>	