



**AUSTRALIAN PLANTS SOCIETY (SGAP)  
Warrnambool & District Group Inc. Newsletter**  
JULY 2019 No 450

Correa reflexa 'Grannys Grave'

[www.facebook.com/warrnamboolsgap](http://www.facebook.com/warrnamboolsgap)



'Plants of the Great South West',  
book on plants of South West Victoria



\$20, available from  
Kevin Sparrow at  
[ksparrow93@gmail.com](mailto:ksparrow93@gmail.com)  
Ph: 55626217

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## EDITORIAL

**Hi members,**

Just a quick and earlier newsletter this month before we go on holidays. Lots happening!

NOTE: There will not be a **Members Night** this month, however all is not lost! John Sherwood will be leading a visit to Byaduk Caves and Harmen's Valley on Saturday July 27th. John has an extensive geology knowledge of the area so expect a great trip. Meet at Swan Reserve in Warrnambool at 11.00 am, before travelling to Byaduk North Recreation Reserve for lunch. (BBQ lunch provided, see notes on page 2).

Our group has put in a **bulk Neutrog fertiliser order**, and we have added some extra bags of "Bush Tucker" native plant food so as to get the order 'Freight Free'. These extra bags will be on-sold to members on a first come, first served basis at the cost price of \$30.00 each. This is a 20 kg bag so it works out at a great price of \$1.50 per kg. Product will be available at the end of the month after we return from holidays.

Don't forget, if you have not already paid, your **memberships are now due**. Please pay both your APS Vic and APS Warrnambool subs to Treasurer, John Sherwood and the Victorian part will be transferred for you. Membership form is on Page 8.

We haven't organised a group **weekend away** for this year, last year we went to the Fred Rogers Seminar in Horsham. Where would you like to go, we haven't been to the Grampians for a while, we could do that again. These weekends are very enjoyable and popular. Any other ideas?? Please let us know your thoughts. That's about all for this month, hope you can make it to the Byaduk visit on the 27th. Cheers, Kevin

**Group Dairy See Page 2**

**Members Night Report Page 3.**

**New Orchid Book Page 4.**

**Pomonal Flower Show Page 5**

**Coastal Connections Page 6/7**

**Membership Form Page 8**

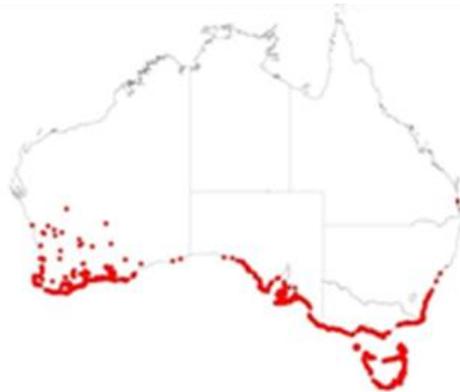
We wish to acknowledge the Maar people as the traditional owners of the land on which we live and pay our respects to their elders past and present.

**Next Meeting: No Members Night This Month**

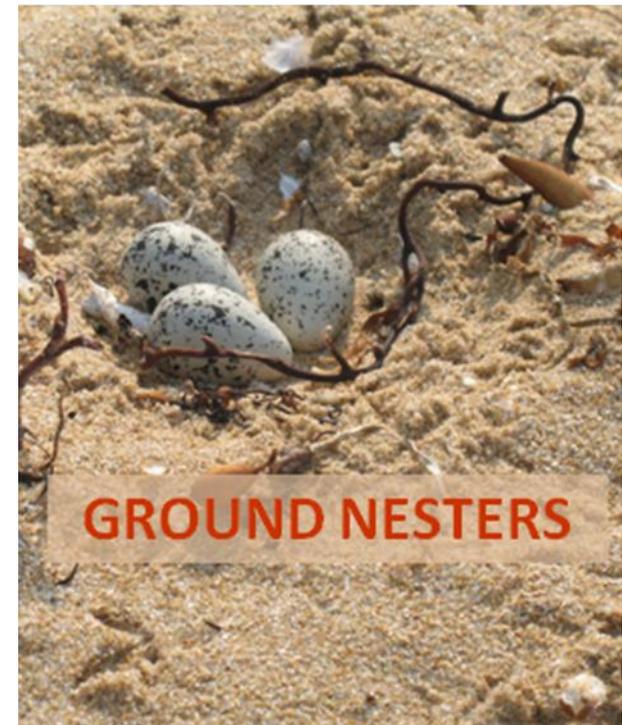
<i>Group Diary Of Activities</i>	<i>Group Diary Of Activities</i>
<p><b>July:</b> No Members Night planned.</p> <p><b>July 27th:</b> Visit to Byaduk Caves and Harmen's Valley. Meet at Swan Reserve at 11.00am. Bring sturdy shoes/boots, long trousers, torch and afternoon tea. Includes BBQ lunch (provided) at Byaduk North Recreation Reserve.</p> <p><b>Aug 6th:</b> Committee Meeting at Andrew Gray's, 158 Skene St.</p> <p><b>Aug 23rd:</b> Reto &amp; Yvonne speaking on their time in the Kimberleys.</p> <p><b>Aug 27th:</b> Committee Meeting at Halls, Rooneys Road</p> <p><b>Sept 27th:</b> Members Night - Dave Williams, Maremma Dogs and Bandicoots.</p> <p><b>Sept 30 - Oct 4th:</b> ANPSA National Conference in Albany WA.</p> <p><b>Oct 1st:</b> Committee Meeting at Joan Krygger's.</p>	<p><b>Oct 5th &amp; 6th:</b> Pomonal Native Flower Show</p> <p><b>Oct 25th:</b> Members Night - Adam Miller - Friends of the Forgotten Woodlands</p> <p><b>Oct 26th:</b> Visit to Cobra Killuc Reserve, to view wildflowers.</p> <p><b>Oct 29th:</b> Committee Meeting TBA</p> <p><b>Nov 16/17th:</b> Replenish our Planet Festival at Koroit BG.</p> <p><b>Nov 22nd:</b> Members Night - Gary Barclay - Cave Diving</p> <p><b>Dec 7th:</b> Xmas Breakup and BBQ. Rail Trail site in Koroit suggested.</p> <p><b>Feb 28th:</b> Chris Clarke - Alpine Flora</p> <p><b>Mar 27th:</b> Royce Raleigh</p> <p><b>Spring 2020:</b> Proposed APS Vic. Quarterly Meeting in Warrnambool.</p>
<p><b>Please submit your articles for the newsletter by the end of the second week of the month</b></p>	
<p><b>President:</b> Dorothy Mattner Phone: 55676477 dmmattner@bigpond.com <b>Vice President:</b> Kevin Sparrow Ph: 55626217  <b>Secretary:</b> Mike Halls, 127 Rooneys Rd, Warrnambool 3280 Phone: 55626519 Email: mandehalls@bigpond.com  <b>Treasurer:</b> John Sherwood. 26 McConnell St, Warrnambool Phone: 55628064 Email: jsher@deakin.edu.au  <b>Newsletter Editor:</b> Kevin Sparrow, 35 Swan Street, Warrnambool. Phone: 55626217 Email: ksparrow93@gmail.com  <b>Public Officer:</b> John Sherwood. <b>APS Reps:</b> vacant, <b>Group Historian:</b> Joyce Sparrow. <b>Supper Organiser:</b> Liz Halls.  <b>Other Committee Members:</b> Michael Mattner, Andrew Gray, Joan Krygger</p>	
<p><b>The APS Warrnambool &amp; District holds meetings on the 4th Friday of each month at the Mozart Hall Warrnambool at 8pm.</b></p>	
<p>APS Warrnambool &amp; District is a District Group of the Australian Plants Society (Vic) <span style="float: right;">All members are required to also be a member of APS Vic.</span></p>	
<p>2 <span style="float: right;">Australian Plants Society - Warrnambool &amp; District Group July 2019 Newsletter</span></p>	

*Report on Members Night Held Friday 28th June 2019 by Mike Halls*

Meeting attended by 15 members and visitors. There were 8 apologies from members. The Guest Speaker was Ms Toni Ryan speaking about the Hooded Plover, and the environmental risks they face nesting on the dry sand on beaches in the Belfast Coastal foreshore. Threats include the running of racehorses on the dry sand, dogs, people and high tides, which all combine to extract a major toll on the survival of eggs, fledgling chicks and nesting adults.



**Hooded Plover:**  
Critically Endangered in NSW  
Vulnerable in VIC and SA  
Listed as Vulnerable in November  
2014 on EPBC Act  
Total population in Australia is ~5000



## New Orchid Book Published by Gary Backhouse

<p style="text-align: center;"><b><i>Caladenia pilotensis</i> Mt Pilot Spider Orchid</b></p>  <p><b>Other Scientific Names</b> <i>Anachroche pilotensis</i></p> <p><b>Recognition</b> Size: scape to 35 cm tall, petals to 65 mm long, sepals to 80 mm long. Colour: creamy white to pale greenish-yellow, occasionally with variable pink to reddish stripes and shadings, tails reddish-brown, labellum with variable reddish markings (sometimes almost entirely red) and pale-tipped red lamina call and marginal teeth. Features: a moderately large, usually pale long-tailed spider orchid from north-eastern Victoria, with 1-2 flowers with an erect dorsal sepal, narrowly spreading and stiffly deflexed lateral sepals, backward and stiffly deflexed petals, and a narrowish labellum with relatively sparse lamina call with the middle 2 rows extending almost to the apex, the margins with relatively short thick teeth progressively decreasing in size to serrations on the mid-lobe that extend almost to the apex.</p> <p><b>Distribution, Habitat, Flowering Time</b> Endemic to Victoria, where it is known only from the Mt Pilot -Beechworth area in the north-east. Altitude range 450-250 metres AGL. Grows on ridges and slopes in mixed eucalypt and cypress pine <i>Callitris</i> species forest, sometimes around large granite boulders, on well drained granitic soils. Flowers in September and October.</p> <p><b>Similar Species</b> <i>Caladenia fragrantissima</i>, which has smaller, narrower, creamy white to reddish pinkish flowers and occurs in south-western Victoria. <i>Caladenia</i> species "Mandurang", which has smaller, narrower creamy white flowers and occurs in central Victoria.</p> <p><b>Notes</b> The Mt Pilot Spider Orchid is an apparently rare orchid that is known from just four populations, containing about 90 plants. It grows in a rugged mountainous region that is fairly remote and difficult to search, and may be more common than current records suggest. Records of large colourful spider orchids from the Warby Range and Kilawarra near Wangaratta may also be referential to this species, although these plants have not been seen for at least 20 years now, and no current populations in this area are known. Plants have been propagated in cultivation prior to reintroductions to boost numbers of the Mt Pilot Spider Orchid in the wild. It is most similar in appearance to <i>Caladenia fragrantissima</i> from far south western Victoria, although there should be little confusion in identification as the two species are well separated geographically. The Mt Pilot Spider Orchid is in need of further study to determine its distribution, abundance and conservation status.</p>  <p style="text-align: right;">97</p>	<p style="text-align: center;"><b><i>Caladenia haemantha</i> Coonawarra Spider Orchid</b></p>  <p><b>Other Scientific Names</b> Included in <i>Caladenia colorata</i> and <i>Caladenia formosa</i></p> <p><b>Recognition</b> Size: scape to 40 cm tall, petals to 80 mm long, sepals to 70 mm long. Colour: creamy white to pale yellow with variable reddish stripes and shadings (sometimes almost wholly red) and with reddish brown tails, usually mostly red with a pale base and blackish-red call and marginal teeth. Features: a large, variably coloured, long-tailed spider orchid from far western Victoria, with 1-2 flowers with an erect to incurved dorsal sepal, spreading and deflexed to drooping lateral sepals, backward and deflexed petals, and a broadish labellum with 4-6 rows of short call extending almost to the apex, although usually reduced to bumps on the mid-lobe, the margins with short thick teeth progressively decreasing in size to indistinct serrations on the mid-lobe.</p> <p><b>Distribution, Habitat, Flowering Time</b> Known only from Tallagora in western Victoria. Altitude 120 m AGL. Also occurs in SA. Grows in healthy woodland on well-drained grey sandy soils. Flowers in September and October.</p> <p><b>Similar Species</b> <i>Caladenia colorata</i>, which occurs further inland and has smaller flowers with thicker, darker tails. <i>Caladenia formosa</i>, which has larger deep red flowers.</p> <p><b>Notes</b> The Coonawarra Spider Orchid has only recently been confirmed as the long-lost <i>Caladenia haemantha</i>. It was originally described in 1891 but soon after was synonymised with <i>Caladenia formosa</i>, and was overlooked for almost 30 years. Populations of spider orchids now identified as <i>C. haemantha</i> were variously included in <i>C. colorata</i>, <i>C. formosa</i>, considered to be an unnamed species or hybrid swarms. The species name <i>haemantha</i> means 'blood stained' and the type specimens were reddish. However, flower colour varies from creamy white with red call to mostly deep red, but none approach the consistently dark red colouration or larger flower size of <i>C. formosa</i>. Large populations of <i>C. haemantha</i> in South Australia exhibit a wide range of size and colour. A population of multi-coloured spider orchids from far western Victoria is included in this species as plants fall within the range of variation exhibited by <i>C. haemantha</i> in South Australia, and the Victorian distribution is contiguous with that in South Australia. The species was once almost certainly more widespread but much of its habitat has been cleared, and remaining populations are under threat from weed invasion, grazing and disturbance. <i>Caladenia haemantha</i> hybridises with <i>Caladenia formosa</i> and <i>Caladenia venusta</i>, creating even more perplexing colourful plants. The Coonawarra Spider Orchid is in need of further study to determine its distribution, abundance and conservation status.</p>  <p style="text-align: right;">98</p>
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### Bush Beauties: The Wild Orchids of Victoria, Australia

Self-published by Gary Backhouse, this soft cover, full colour book, covers the 410 species of wild orchids occurring in Victoria. Cost is \$60. It is 443 of full colour pages, size 22.8 cm X 15.6 cm X 2.6 cm weight 1.1 kg and includes all up to date taxonomy including all the recent name changes. (to July 2019). Contact Gary at: bushorchids@gmail.com if you would like a copy.

## What's On?

**Pomonal Native Flower Show** is presented by the Australian Plants Society Grampians Group. The show is held over two days, with flowers picked from private local gardens. Many beautiful native flowers will be on display and this year the theme of the show is '**Native Gardens for Wildlife.**' There will also be lots of native plants as well as botany, gardening and natural history books for sale and refreshments available.

Special features will be talks on both days by:

**AB Bishop** author of 'Habitat: A practical guide to creating a wildlife-friendly Australian garden'. This was 2018's No.1 selling gardening book in Australia.

**Denis Crawford** author of 'Garden Pests, Diseases and Good Bugs' which is the ultimate illustrated guide for Australian gardeners.

### **Displays will include:**

An art display by the local art group as well as photos of fauna attracted to native flowers.

A people's choice floral arrangement will be ready for your vote.

Local market stalls will be present

Local primary school composting competition

**Dates :**      **Saturday 5<sup>th</sup> October 9am to 5pm**  
                  **Sunday 6<sup>th</sup> October 9am to 4pm**  
                  **Entry Adults: \$5    Children : Free**

# POMONAL

## Native Flower Show

Special feature this year:

### Native Gardens for Wildlife

Pomonal Hall

Sat 5th Oct 9:00 - 5:00    Sun 6th Oct 9:00 - 4:00

Entry \$5, Children free



Flowers Galore!  
Plant Sales    Book Sales    Refreshments  
Information    Advice

Hello and welcome to the May/June instalment of Glenelg Hopkins CMA's '*Coastal Connections*' email.

Consistent cold and wet weather is upon us; the seasonal shift to winter now appears stamped!

### *Seasonal Weather*

Promising late autumn rain has continued into winter with excellent totals being received across our coastal region this month. Soil moisture levels are subsequently on the increase and we've finally started to see flow responses in our rivers for the first time in over six months! Consequently, it feels like our region is primed for a wet winter, however long range forecasts still suggest below average rainfall and warmer temperatures for the coming months. The Bureau of Meteorology will be releasing updated weather predictions on the 27<sup>th</sup> June; fingers crossed productive conditions prevail!

*For full details on recent and upcoming weather conditions, please refer to the following [BoM link](http://www.bom.gov.au/climate/outlooks/#/overview/video). <http://www.bom.gov.au/climate/outlooks/#/overview/video>*

### *Estuary Update*

Consistent wet weather, huge swells and the start of the 2019 streamflow season has created exciting times on the estuary front over recent weeks. In particular, the southern ocean unleashed its power on our coastline between the 28-30<sup>th</sup> May, intermittently closing all estuary mouths in our region! Most systems were however able to naturally reopen shortly after, highlighting the importance of streamflow in the seasonal estuarine cycle. On this topic, an horrific outcome occurred in Byron Bay NSW earlier this week when a council artificially opened an estuary following community pressure and intolerance to seasonal inundation, *see link*. <https://www.abc.net.au/news/2019-06-19/thousands-of-fish-killed-after-council-opens-lagoon-in-byron-bay/11223734> This is a disturbing reminder of the risk involved with human intervention at the wrong time & confirms why stringent protocols must be in place to protect our estuaries!

*For a summary of recent conditions, please refer to the Estuary Update & Estuary Photo attachments.*

### *Upcoming Events & Activities*

Rug up and brave the winter weather at the following events if interested. *Please refer to attachments for further details;*

Pallisters Reserve are holding a **Climate Change Open Day** this Sunday 23<sup>rd</sup> June @ 10am.

Join Australian cricket legend Merv Hughes for a **Kids Fishing Clinic** at BCF Warrnambool this Sunday 23<sup>rd</sup> June @ 12pm.

Birdlife Australia are holding a **Shorebird Workshop** in Portland on 25<sup>th</sup> June @ 10am.

Portland Coastal Cliff group are hosting **Nature Outings** for anyone interested in protecting and learning more about our Region.

***Glenelg Hopkins CMA Environmental Achievement Awards 2019***

The CMA recently celebrated the region's environmental champions at the 2019 Environmental Achievers Awards, showcasing individuals, groups and projects across the catchment.

A massive congratulations to all award winners and nominees; more information at this [link](https://info.ghcma.vic.gov.au/wp-content/uploads/2019/06/20190607-Environmental-Achievers-Awards-1.pdf). <https://info.ghcma.vic.gov.au/wp-content/uploads/2019/06/20190607-Environmental-Achievers-Awards-1.pdf>

***Funding Opportunities***

Two fantastic grant opportunities will be available to volunteers and community groups in the 2019/20 financial year through the Australia Government. This includes:

[Communities Environment Program](https://www.environment.gov.au/cep) <https://www.environment.gov.au/cep>

[Environment Restoration Fund](https://www.environment.gov.au/environment-restoration-fund) <https://www.environment.gov.au/environment-restoration-fund>

***Budj Bim World Heritage Nomination***

Lastly, immense excitement continues to build in the lead up to the pending World Heritage listing for the Budj Bim National Heritage Landscape. If successful, this will be a monumental achievement by the Gunditjmara community, along with all partners and supporters. Please follow this [link](https://www.theage.com.au/politics/victoria/world-heritage-recommendation-for-ancient-aboriginal-eel-farming-site-at-budj-bim-20190522-p51q43.html?sfns=mo) <https://www.theage.com.au/politics/victoria/world-heritage-recommendation-for-ancient-aboriginal-eel-farming-site-at-budj-bim-20190522-p51q43.html?sfns=mo> for further information, plus watch out for community tours that I hope to run later in the year!

All the best until my next instalment!

Regards  
Jarred

***ED: UPDATE: The Budj Bim Cultural Landscape in southwest Victoria has now been added to the World Heritage List.***



2019-2020 APS Vic and APS Warrnambool Membership Form.

**AUSTRALIAN PLANTS SOCIETY (Victoria)**

&

**APS Warrnambool & District Group**

**Joint Annual Membership Application / Renewal**

**1st July 2019—30 June 2020**

**Membership Fees are now due**

- To be covered for Public Liability Insurance it is compulsory for members to also be members of our parent body, APS Vic.
- APS Vic membership includes a subscription to their excellent newsletter "Growing Australian".
- Please pay both fees direct to Treasurer, John Sherwood and he will forward on the APS Vic fees for you.
- New members who join between March 1st and June 30th will be financial until June 30th the following year.
- Non-financial members will be ineligible to vote at the AGM.
- Payment must be accompanied by a fully completed form, please tick where appropriate.
- Fees can be paid at meetings by cash or cheque to APS Warrnambool or posted to John Sherwood, 26 McConnell Street, Warrnambool. 3280 or paid by Electronic Funds Transfer
- Subscribe to APS NSW "Australian Plants" Magazine.



**Australian Plant Society Vic. Inc.**

Membership Application For Australian Plants Society Warrnambool & District Group.



1 July 2019—30 June 2020

Name/s: .....

Postal Address:.....

.....Postcode:.....

Telephone:.....Membership Number if known.....

Email: .....So we can email you our local newsletter

New member:  I/we agree to be bound by the rules and bylaws of the Association. Copy available at [www.apsvic.org.au](http://www.apsvic.org.au)

**For Public Liability Insurance cover, members of Warrnambool & District SGAP are required to be a member of the Australian Plants Society – Vic.**

Membership  Single: \$35  Family: \$40.00  Student: \$26.00

Subscription to Australian Plants Magazine: \$15.00 Total APS Vic.....

Warrnambool & District membership fee Single: \$15 & Family: \$20 \$ \_\_\_\_\_

Total amount paid \$ \_\_\_\_\_

I have paid the Victorian membership directly to APS Victoria and wish to join/ pay membership to APS Warrnambool & District

Electronic funds transfer to Australian Plants Society  
Bendigo Bank. BSB 633 000 Account No 122242597  
Date Paid.....

**If paying by EFT, please make sure Name & Membership No if known appears in transaction details and forward completed form to Treasurer: John Sherwood, 26 McConnell Street, Warrnambool. 3280 so that payment can be credited to you. The APS Vic. fees will then be forwarded on for you.**