

ISSN 1033-6966

Victorian Carnivorous PLANT SOCIETY_{INC.}

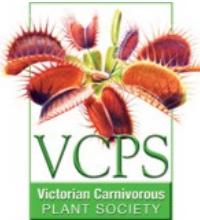
Reg No. A0001683Y

SEPTEMBER 2018

VCPS Newsletter No. 7



Cephalotus follicularis



Victorian Carnivorous PLANT SOCIETY INC.

Newsletter No. 7

September 2018

Office Bearers: July 2018 – June 2019

President

Stephen Fretwell – Tel: (03) 8786 8409
email: stevfretwell24@gmail.com

Vice President

Sean Spence – Tel: (03) 9743 5809
email: spence06@bigpond.com

General/Member Secretary

Peter Bloem – Tel: (03) 9744 2265
email: pbloem@bigpond.net.au

Minutes Secretary

Andrew Gibbons
email: agibbons@unimelb.edu.au

Journal Editor

David Petch
email: davidpitch@optusnet.com.au

Art Director

Stephen Fretwell – Tel: (03) 8786 8409
email: stevfretwell24@gmail.com

Internet Co-ordinator

Andrew Gibbons
email: agibbons@unimelb.edu.au

Treasurer

Ken Neal – Tel: 0425 567 095
email: ken.neal255@gmail.com

Librarian

Peter Nisbet – Tel: (03) 9570 5401

Seedbank Administrator

Ron Abernethy – Tel: (03) 9879 0908
email: rab31451@bigpond.net.au

Other Publications & Journal distributor

Brendan Bok
email: brendanb1212@yahoo.com.au

Hardware Co-ordinator

Andre Cleghorn – Tel: (03) 9584 2087
email: andre@alphalink.com.au

Event Co-ordinators

Stephen Fretwell – Tel: (03) 8786 8409
email: stevfretwell24@gmail.com

Open Day Liaison Officer

Stephen Fretwell – Tel: (03) 8786 8409
email: stevfretwell24@gmail.com
Julian Weston – 0413 041 547
email: julianweston1@optusnet.com.au

Field Trips Organiser

Sean Spence – Tel: (03) 9743 5809
email: spence06@bigpond.com

Public Officer

Alexander Whitehouse – Tel: (03) 9817 3506

Sales Administrator

Ron Abernethy – Tel: (03) 9879 0908
email: rab31451@bigpond.net.au



MEETING TOPICS & DATES for 2018

VICTORIAN CARNIVOROUS PLANT SOCIETY

This year we have scheduled the following discussion topics, and events:

January (20th) New Year BBQ at Justin Thong's House 12.30pm
Dionaea muscipula (VFT). (Contact for details)

February (28th) *Darlingtonia*, *Nepenthes* and *Heliamphora*.

March (28th) *Sarracenia*, *Dionaea* (VFT), beginners info

April (25th) *Drosera*, video and information night.

May (23rd) Growing conditions, 'Best' and 'Worst' plants,
pygmy *Drosera gemmae* swap

June (27th) AGM, plant give-away, any CPs.

July (25th) Roseted tuberous *Drosera* judging, Propagation – seed growing,
tissue culture, division and cuttings. Potting demonstration.

August (22nd) Upright tuberous/Winter growing *Drosera*, show
preparation, displays, and companion planting.

September (26th) *Cephalotus*, *Brocchinia*, *Catopsis* and swap night.

October (24th) *Byblis*, pygmy *Drosera*, *Drosera binata*, *Drosophyllum*, *Genlisea*,
Pinguicula, *Roridula*, *Utricularia*.

November (25th) **Triffid Park Open Day (10am-4pm)**

December (1st-2nd) **VCPS Annual show** at Collectors Corner.

Please note: All meetings, other than those where a specific venue is given, will be on the
FOURTH WEDNESDAY of the month in the hall of the Pilgrim Uniting Church in Yarraville –
corner Bayview Road and Montague Street, Melway Map Reference 41K7.

Contents



Drosera squamosa photographed by Stephen Fretwell.

VCPS Growers photos

If you'd like to publish a photo that you took of your plant in the VCPS journal. Please email it to Stephen Fretwell the VCPS editor at: stevefretwell24@gmail.com

VCPS News	5
Book News	6-8
Cultivating Cephalotus in Victoria	9
Meetings highlights & Plants of the night!	14

Seed Bank

We now have a huge collection of NEW fresh CP seed available, and our seed list has become quite extensive.

With over 250 varieties of CP's, we are now providing the list in PDF format on our website, www.vcps.org

For inquiries or to order seeds, please contact the VCPS Seedbank Officer.

The articles that are found within are copyright but can be copied freely if the author and source are acknowledged. The views are of the authors and are open to review and debate. Please send all material to the editor for consideration to be included in our quarterly journal.



FRONT COVER:

Byblis gigantea the Reserve Champion plant at the VCPS 2017 Annual show.

Photos: Stephen Fretwell

BACK COVER:

Clockwise from top left:

- Cephalotus follicularis – 2016 VCPS show. Photo: Stephen Fretwell
- Cephalotus follicularis – 2004 VCPS show. Photo: Sean Spence
- Cephalotus follicularis – 2009 VCPS show. Photo: Stephen Fretwell
- Cephalotus follicularis – 2009 VCPS show. Photo: Stephen Fretwell
- Cephalotus follicularis – 2017 VCPS show Photo: Stephen Fretwell.
- Cephalotus follicularis "Eden Black" plant grown by seed – September 2010 VCPS meeting. (Plant of the Night) Photo: Stephen Fretwell
- Cephalotus follicularis – 2015 VCPS show. Photo: Stephen Fretwell
- Cephalotus follicularis – 2017 VCPS show. Photo: Stephen Fretwell

Design: Stephen Fretwell

VCPS News

Nepenthes mollis rediscovered

In May and July this year, two expeditions were undertaken in Borneo to rediscover *Nepenthes mollis*, a species not seen for over 90 years.

Chien Lee, Charles Clark and Mathias Scharmann with the help of the **Borneo Orangutan Foundation** first hunted the plant down in East Kalimantan where they found it growing on a remote mountain.

"Sometimes the rediscovery of a "lost" species is even more exciting than finding a new one," said Chien.

In appearance *N. mollis* is closely related to *N. hurrelliana* and *N. fusca* and has similar shaped pitchers.

This pitcher plant was listed as one of Global Wildlife Conservation's 25 Top Lost Species and previously only known from a single partial specimen collected in 1925. Apart from taking the first-ever photos of *Nepenthes mollis*, they also found other new records of *Nepenthes*, orchids, birds, and frogs.

In addition to Chien's expedition, Redfern Natural History's Stewart McPherson and Alastair Robinson also lead a team and undertook a exploratory expedition in Borneo and climbed the Mt Kemul Massif where they too rediscovered *N. mollis* along with several further new discoveries.

Further announcements of their discoveries will be published by both teams in the near future.

www.facebook.com/RHOIForest



Nepenthes mollis lower pitcher.

Photo: Chien Lee

VCPS ANNUAL SHOW

The VCPS annual show is coming up soon and will be held at its usual venue, Collectors Corner in Gardenworld which is always fantastic to visit. Entry is free for all and it's surely going to be another brilliant show full of rare and spectacular species to see and buy.

This year the show starts on **Saturday, December 1st at 9am** and ends on **Sunday, December 2nd at 5pm**.

It's one of the biggest events on the calendar for the society and is a great opportunity for members to meet and greet other collectors, and see and purchase some amazing plants.



TRIFFID PARK OPEN DAY

Triffid Park's annual Open Day is once again being held this **November on Sunday the 25th** at their wholesale nursery in Summerville. The VCPS will have a stand there to meet it's members and to inform the general public about the society and answer any questions they may have.

It's always a fantastic day out and there's always some fantastic plant to see and buy.

Triffid Park only open there doors to the public once a year so make sure that you don't miss out on this great opportunity.



Book News

NEW CEPHALOTUS BOOK

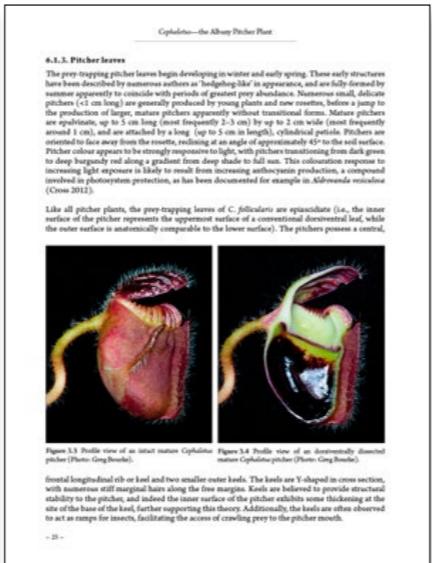
Redfern Natural History Productions have recently announced the production of the first monograph of *Cephalotus*, Australia's most iconic and unusual carnivorous plant. Instantly recognisable for its distinctive and charismatic insect-trapping leaves. This generously illustrated volume features original botanical art and photographs, documenting this remarkable Australian endemic in unprecedented detail, with the most up to date summary of its status in the wild along with new genetic analyses of the majority of known populations.

The remarkable *Cephalotus* is a spectacular example of convergent evolution, being more closely related to roses and cabbages than it is to other pitcher plants like *Nepenthes*, *Sarracenia* and *Heliamphora*!

This monograph brings together years of field experience, technical studies and ecological research that amount to the most in-depth treatment of this plant ever published.

Expected to deliver in late 2018, *Cephalotus – the Albany Pitcher Plant*, is a 500 copy, Limited Edition title stemming from the combined work of world experts on the subject. All copies signed by co-authors and priced at £32.99.

To reserve your copy visit
www.redfernnaturalhistory.com/books/cephalotus.



Images from the new Redfern Natural History "Cephalotus the Albany Pitcher Plant" book.

Book News

NEW CARNIVOROUS PLANT BOOK

Carnivorous Plants

DAN TORRE

'Dan Torre takes you from Ed Wood to Pokémon, from surrealistic art to synergistic relationships between bats and plants, all without missing a beat. This is one of those books that takes an already fascinating topic – animal-eating plants – and makes it even more exciting, more weird and endlessly fascinating.'

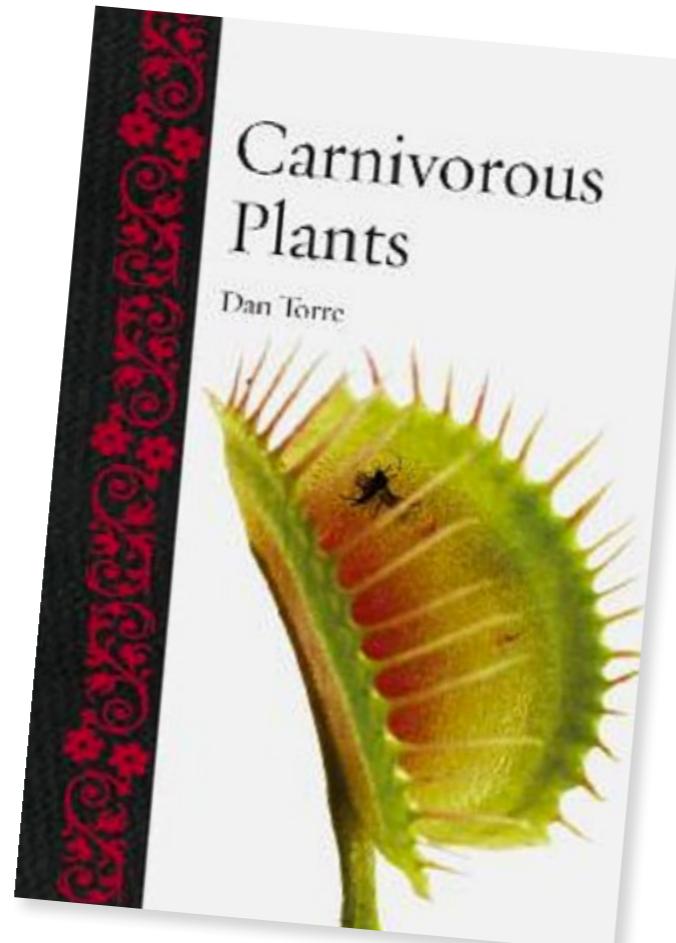
– Tim Entwhistle, Director and Chief Executive, Royal Botanic Gardens, Victoria, Australia

Carnivorous plants are a unique group, possessing modified leaves to trap, kill and consume small creatures. As a result they are often depicted as killers in films and literature, yet others regard them as exotic and beautiful specimens to collect and display.

In this abundantly illustrated and highly entertaining book, Dan Torre describes the evolution, structure and scientific background of carnivorous plants. He also shows how they have inspired our imaginations, examining their cultural and social history and how they have been represented in art, literature, cinema, animation and popular culture.

This fascinating history will appeal to the wide audience interested in these singular, arresting, beautiful yet deadly plants.

DAN TORRE is a Senior Lecturer in the School of Design at RMIT University, Melbourne, Australia. He is an avid grower and collector of cacti, and author of *Cactus* (Reaktion, 2017).



March 2019	Nature
Hardback	216 x 138 mm
110 illustrations, 100 in colour	240 pp
978 1 78914 052 1	£16
eBook 978 1 78914 113 9	



A large clump of *Cephalotus follicularis* pitchers growing in a terrarium under lights.

Cultivating *Cephalotus* in Victoria

Cephalotus follicularis or the Albany pitcher plant is a small, squat plant with 2-7cm pit-fall traps that function similar to those of the *Sarracenia* and *Nepenthes* genera, but is the only species in its genus.

The traps resemble small jugs and have a broad toothed, slippery rim bordering the pitcher mouth that is similar to the peristome on *Nepenthes*. The rim is designed so that insects that may walk upon it fall in. The downward pointing teeth prevent insects that fall in from escaping.

The pitchers develop three hairy ribs on the front and sides of the pitcher and a windowed lid to confuse prey and prevent the pitchers from filling up with water, thereby diluting the viscous digestive fluids found within.

Nectar secretions on the underside of the lid aid in attracting prey and the base of the interior of the pitcher is darkened to enhance the reflective effect of the lid, confusing unwitting insects.

Pitcher colour ranges from green, red, maroon to almost black. The colour may be affected by a range of factors such as sunlight, soil composition and temperature.

CLIMATE

Cephalotus are restricted to a 400km x 80km stretch in the south western region of Western Australia concentrated around the Albany area where the climate is fairly similar to that of

Victoria. Yearly temperatures averages range from 8 - 23°C compared Victoria's 6 - 26°C but the Victorian temperatures fluctuates to greater extremes.

The habitat of *Cephalotus* in WA rarely experiences temperatures below 2 degrees and only experiences the occasional frost. Cooler winter temperatures will result in reddish colouration of the traps.

In cultivation the ideal temperature range is from around 5°C to 30°C with cool summer nights and a cooler winter dormancy. Extreme temperatures can stress the plant and weaken the root system which typically leads to the demise of the plant.

LIGHT

Cephalotus can be grown in full sun to part shade. The more sun the plant receives, the redder the pitchers will be. A minimum of 4 hours of direct sunlight is essential to keep plants healthy.

Plants may be grown outside but they also respond incredibly well under artificial lighting too. In these conditions the lights should be kept to a photoperiod of around 14 to 16 hours during the spring, summer and autumn months and 12 hours during the winter. If grown under T5s or heat emitting fluorescent tubes, the plants should be placed around 20cm away from the lights to avoid leaf burn from the lights heat. Plants may be placed closer if using LEDs.



The 2016 Reserve Champion *Cephalotus follicularis* plant grown in small terrarium under fluorescent lighting.
Not the drainage pebble system used to ensure that the soil medium remains damp but not wet.

WATERING

The natural habitat of *Cephalotus* receives a high annual rainfall – a yearly average of 928mm. This rainfall has enabled the development of a region rich in swampy heathlands. It is within these peaty swamps, on seeps with a steady flow of fresh cool water that the *Cephalotus* plants thrive.

In comparison, Melbourne receives a considerably lower yearly rainfall average of 648mm at a fairly consistent range of 47-66mm per month. The south west WA region is a lot drier in summer receiving only around 23mm, but it increases substantially to 143mm in winter.

For cultivated plants, distilled water, rain water or reverse osmosis water are the growers best options, as they are mineral free. Plants may be top watered or from below in a tray. In warm summer conditions in Melbourne it is recommended that they are not left sitting in water as sudden death is a strong possibility. The soil media should be kept damp, but not wet as this can lead to the root system rotting.

FEEDING

Fertilising should only be applied to the foliage and not the roots. Good quality orchid fertilisers work best diluted to 1/4 to 1/2 strength every fortnight as a foliar feed. Feeding should be confined to the active growing period of the plant.

PESTS

Cephalotus plants require a nutrient poor, acidic soil mix with good drainage that is typically sphagnum or peat based. A recommended mix is 1 part peat, 1 part perlite or sand.

POT SIZE

It's generally best to use a large deep pot that is slightly oversized for the plant as this will help maintain consistent moisture and temperature levels. Larger pots are easier to keep just moist which prevents the need for frequent repotting should the substrate break down over time.

Plastic pots are satisfactory unless they are placed in

direct sunlight. If the sunlight is unavoidable a terracotta pot may be a better option to insulate the substrate and roots from overheating.

REPOTTING

Cephalotus have fragile roots disturbance can affect the performance of the plant, so great care should be taken to ensure that the roots don't get damaged during the process. Repotting generally sets the plants back for a while so is best done when the plant has slowed growth in winter or early spring. This gives the plant the opportunity to recover before the warmer, more stressful temperatures arrive.

PROPAGATION

The easiest method of propagating *Cephalotus* is leaf cuttings. Preferably, the non-carnivorous leaves are used, however pitchers also strike easily in suitable conditions.

The key is to pull the leaf away from the plant while trying to include as much of the white leaf petiole base as possible (similar to taking VFT leaf cuttings). A recommended method is placing the cuttings in live sphagnum moss and placed in warm, bright, humid conditions out of direct sunlight. A clear plastic container is a great way to create humidity and a stable environment.

Dividing plants when they have several growing points is another way of increasing plant numbers. This is often best done when repotting plants during the cooler part of the year and ideally a significant portion of roots are attached to each part of the division.

Propagation by seed is also possible but plants can be slow to reach maturity. Plants in a greenhouse can be hand pollinated to produce seed. Self-pollination is possible, but seed set results are much better when using different clones.

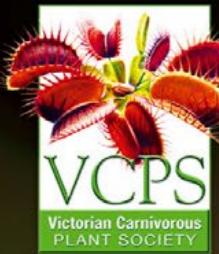
To successfully cultivate *Cephalotus* there are a number of key requirements that should be met to increase your chances. You should provide your plants with lots of light, good air circulation, a potting medium that drains well, damp but not wet soil, no extreme heat or freezing temperatures with a moderately cold winter period. If you are able to meet these requirements, you have a strong chance of long term success.



A huge thriving plant displayed at the 2008 VCPS show

CLIMATE MONTHLY STATISTICS FOR ALBANY

Site name: ALBANY		Site number: 009500		Commenced: 1877												
Latitude: 35.03° S		Longitude: 117.88° E		Elevation: 3 m												
				Operational status: Open												
Statistics	View:	Main statistics	All available	Period:	Use all years of data											
Maximum temperature		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Years	
Mean maximum temperature (°C)	22.8	22.9	22.3	20.9	18.6	16.6	15.8	16.3	17.3	18.5	20.4	21.8	19.5	101	1860-2018	
Highest temperature (°C)	41.7	44.8	40.8	37.7	35.2	24.6	22.8	27.3	30.6	36.2	41.1	42.2	44.8	74	1907-2018	
Date	12 Jan 1906	08 Feb 1907	14 Mar 1908	08 Apr 1909	04 May 1910	02 Jun 1911	21 Jul 1912	29 Aug 1913	10 Sep 1914	05 Oct 1915	25 Nov 2003	27 Dec 1933	08 Feb 1934			
Lowest maximum temperature (°C)	15.3	15.9	14.7	12.2	10.6	9.7	9.1	7.3	10.0	9.7	12.8	14.5	7.3	74	1907-2018	
Date	19 Jan 1925	17 Feb 1914	17 Mar 1917	28 Apr 1920	31 May 1921	30 Jun 1922	14 Aug 1923	10 Sep 1924	02 Nov 1925	31 Dec 1926	14 Aug 1927	22 Jul 1928	22 Aug 1929	72	1907-2017	
Decile 1 maximum temperature (°C)	19.9	20.0	18.9	17.2	15.6	13.9	13.2	13.3	13.9	15.0	17.1	18.6				
Decile 9 maximum temperature (°C)	26.7	28.9	26.7	25.4	22.7	20.0	19.0	20.1	21.2	22.7	24.4	25.5	72	1907-2017		
Mean number of days ≥ 30 °C	1.1	1.1	1.3	0.7	0.0	0.0	0.0	0.0	0.2	0.6	0.8	1.5	74	1907-2018		
Mean number of days ≥ 35 °C	0.3	0.3	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	74	1907-2018		
Mean number of days ≥ 40 °C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	74	1907-2018	
Minimum temperature		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Years	
Mean minimum temperature (°C)	15.2	15.6	14.8	12.8	10.8	9.1	8.2	8.4	9.3	10.5	12.5	14.0	11.8	101	1860-2018	
Highest minimum temperature (°C)	7.8	7.2	6.1	4.8	2.4	1.7	0.1	1.6	2.0	3.4	5.6	6.7	0.1	74	1907-2018	
Date	13 Jan 1941	23 Feb 1940	24 Mar 1939	12 Apr 1933	31 May 1932	21 Jun 1931	19 Jul 1930	26 Aug 1943	05 Sep 1908	05 Oct 1909	06 Nov 1930	02 Dec 1952	25 Jul 1943			
Lowest minimum temperature (°C)	22.3	22.2	21.5	19.9	17.9	16.9	15.8	16.0	16.1	18.4	20.0	22.8	22.8	74	1907-2019	
Date	19 Jan 1961	14 Feb 1961	13 Mar 1961	13 Apr 1961	17 Jun 1962	02 Jul 2014	07 Aug 2006	27 Sep 1961	01 Oct 1918	21 Nov 2010	13 Dec 1927	13 Dec 1927				
Decile 1 minimum temperature (°C)	12.2	12.5	11.8	10.0	7.8	6.4	5.6	5.6	6.7	7.4	9.4	11.1	72	1907-2017		
Decile 9 minimum temperature (°C)	18.1	18.4	17.8	16.0	14.1	12.2	11.1	11.2	12.2	13.5	15.4	16.7	72	1907-2017		
Mean number of days ≥ 2 °C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	74	1907-2018		
Mean number of days ≤ 0 °C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	74	1907-2018	
Statistics		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Years	
Rainfall		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Years	
Mean rainfall (mm)	23.9	22.7	28.3	68.7	115.4	131.4	142.8	126.2	101.7	78.5	44.6	30.4	928.5	139	1877-2018	
Highest rainfall (mm)	217.0	161.4	166.0	233.9	289.4	292.8	269.3	285.5	202.2	189.2	226.1	116.8	1365.2	142	1877-2018	
Date	1939	1955	1917	1961	1923	1920	1935	1886	1905	1908	1908	1908	1905			
Lowest rainfall (mm)	1.0	0.0	2.5	4.9	35.8	40.3	52.1	34.0	20.3	14.2	4.8	1.5	620.5	142	1877-2018	
Decile 1 rainfall (mm)	4.9	3.8	10.0	25.9	57.7	77.8	83.9	78.1	53.4	37.6	15.2	9.2	740.7	112	1877-2018	
Decile 5 (median) rainfall (mm)	15.4	15.2	31.8	62.2	110.2	124.1	142.8	117.2	93.1	70.6	38.5	24.8	922.9	112	1877-2018	
Decile 9 rainfall (mm)	45.6	53.3	77.0	119.3	178.2	196.6	203.2	186.7	160.0	125.5	75.5	64.0	1112.0	112	1877-2018	
Highest daily rainfall (mm)	87.6	58.7	88.7	80.6	103.6	72.4	83.8	73.0	79.8	46.7	13.6	59.9	113.6	112	1877-2018	
Date	21 Jan 1939	03 Feb 1967	10 Mar 1917	02 Apr 2009	06 May 1921	07 Jun 1920	01 Aug 1991	25 Aug 1970	20 Sep 1970	21 Oct 1949	21 Nov 2008	02 Dec 1942	21 Nov 2008			
Mean number of days of rain	7.9	7.6	11.0	14.1	18.1	19.9	21.6	21.0	18.3	16.3	12.1	9.5	177.4	112	1877-2018	
Mean number of days of rain ≥ 1 mm	3.4	3.4	5.4	8.1	11.2	12.5	14.1	13.2	11.4	9.6	6.4	4.4	103.1	112	1877-2018	
Mean number of days of rain ≥ 10 mm	0.4	0.5	0.7	1.5	2.9	3.6	3.9	3.0	2.5	1.8	1.0	0.6	2.0	10.0	112	1877-2018
Mean number of days of rain ≥ 25 mm	0.1	0.1	0.2	0.3	0.5	0.5	0.6	0.5	0							

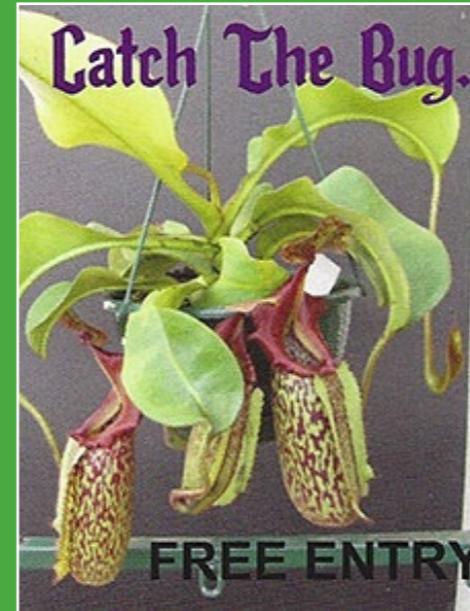


Victorian Carnivorous PLANT SOCIETY 2018 Annual Show

**FREE ENTRY
Saturday December 1st – 2nd**

9AM TO 5PM AT COLLECTORS CORNER,
GARDENWORLD CENTRE, SPRINGVALE ROAD, KEYSBOROUGH

www.vcps.org



FREE ENTRY

Catch The Bug...

**At TRIFFID PARK'S Annual
Carnivorous Plant Nursery
OPEN DAY.**

Sunday 25th November 2018

10am - 4pm

(no early callers please)

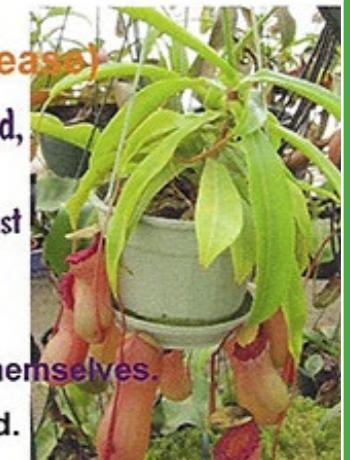
**103 Dandenong-Hastings Road,
Somerville, Vic
Btw Queens Rd & Eramosa Rd East**

www.triffidpark.com.au

Cash, Visa and Mastercard accepted

Free carnivorous plant for every child. They can pot it themselves.

Vic Carnivorous Plant Society will have a club info stand.



TRIFFID PARK

**FOR ALL YOUR CARNIVOROUS PLANT REQUIREMENTS INCLUDING:
PLANTS, POTS, LABELS, BOOKS, SEEDS, SPHAGNUM MOSS AND PEAT MOSS.
VISIT OUR COMPREHENSIVE WEB SITE.**

**Owned and operated by Jason and Donna Smith
103 DANDELONG-HASTINGS ROAD, SOMERVILLE, VIC, 3912, AUSTRALIA
EMAIL: triffids@triffidpark.com.au WEB: www.triffidpark.com.au**



Meetings highlights & Plants of the night!

BY ANDREW GIBBONS



PLANT OF THE NIGHT,
ANY CP's:
1st place: *Drosera erythrorhiza*



PLANT OF THE NIGHT,
ANY CP's:
2nd place: *Drosera macrophylla*



PLANT OF THE NIGHT,
ANY CP's:
3rd place: *Drosera collina*



PLANT OF THE NIGHT,
ROSETTED TUBEROUS DROSERA:
1st place: *Drosera squamosa*



PLANT OF THE NIGHT,
ROSETTED TUBEROUS DROSERA:
2nd place: *Drosera browniana*



PLANT OF THE NIGHT,
ROSETTED TUBEROUS DROSERA:
3rd place: *Drosera aberrans*



Drosera prophyla



S. psittacina var. heterophylla



Utricularia arnhemica

July 25th VCPS meeting

ROSETTED TUBEROUS DROSERA JUDGING & PROPAGATION

Our AGM was held at the June meeting. The 2018-2019 committee members can be found on the Committee page of our website.

We would like to thank the outgoing committee for their contribution to running the society. Notably Gordon Ohlenrott has stepped down from his position co-ordinating the society's publications and journal distribution.

Gordon has been a long serving member of the VCPS committee and we are very grateful the contribution he has made to the society.

We would like to welcome Brendan Bok to the committee, who will now be publications and journal distribution coordinator.

After over a decade in the role, Steve Fretwell has stepped down as Journal Editor. Steve has done an outstanding job in this position, creating a high quality, modern journal for the society. David Petch will be taking over from Steve as the society's new Journal Editor.

Topic plants for the meeting were open to any genera. Sean brought several stunning tuberous *Drosera* into the meeting. His *Drosera erythrorhiza* was voted plant of the night. It was a colourful, well grown plant but interestingly it was producing a carnivorous leaves on the flower stem. Also benched was a pot of *Drosera macrophylla* that was producing an impressive number of flower stems and a very colourful pot of *Drosera collina*.

The species benched at the June meeting included:

Drosera collina
Drosera erythrorhiza
Drosera gracilis
Drosera macrophylla
Drosera squamosa
Drosera whittakeri

July 25th VCPS meeting

ROSETTED TUBEROUS DROSERA JUDGING & PROPAGATION

Dates have been confirmed for two 'must see' events in the carnivorous plant enthusiast's calendar. This year's VCPS Annual Show dates have been confirmed as the weekend of the 1st and 2nd December at Collector's Corner in Braeside. Entry is free to the public and we expect a wide variety of plants on display as well as lots of plants for sale.

Triffid Park will also be holding their Open Day on Sunday the 25th November. In addition to the unique opportunity browse and buy from their impressive number of carnivorous plants, members of the VCPS available on the day for advice on growing carnivorous plants.

Show judging for rosetted tuberous *Drosera* was held at the July meeting. Steve won first place for his impressive pot of *Drosera squamosa*. Formerly included as a subspecies of *Drosera erythrorhiza*, this species produces a striking red band along the edges of its leaves. Equal 2nd place went to Sean's *Drosera browniana*,

a pink flowered species from the regions bordering WA's Mallee Coolgardie and Avon Wheatbelt, and Peter's *Drosera aberrans* from the Kyneton area.

The species benched at the July meeting included:

Darlingtonia californica, *Dionaea muscipula*, *Drosera aberrans*, *D. browniana*, *D. bulbosa*, *D. collina*, *D. erythrorhiza*, *D. fulva*, *D. hilaris*, *D. lanata*, *D. lowriei*, *D. macrophylla*, *D. major*, *D. aff major*, *D. monantha*, *D. aff petiolaris*, *D. praefolia*, *D. prophyla*, *D. prostratoscaposa*, *D. rosulata*, *D. trinervia*, *D. squamosa*, *D. tubaestylis*, *D. whittakeri*, *D. zonaria*, *Heliamphora nutans*, *Nepenthes distillatoria*, *Pinguicula agnata*, *Sarracenia alata*, *S. flava* var *atropurpurea*, *S. leucophylla*, *S. moorei*, *S. psittacina* var *heterophylla*, *S. purpurea* ssp *venosa*, *S. purpurea* ssp *venosa* var *montana*, *Utricularia arnhemica*, *U. leptoplectra*, *U. lavigata*



**PLANT OF THE NIGHT,
FAN/CLIMBING TUBEROUS DROSERAS:**
1st: *D. stolonifera*



**PLANT OF THE NIGHT,
FAN/CLIMBING TUBEROUS DROSERAS:**
2nd: *D. rupicola* "Red x Green"



**PLANT OF THE NIGHT,
FAN/CLIMBING TUBEROUS DROSERAS:**
3rd: *D. macrantha*

August 22nd VCPS meeting

UPRIGHT TUBEROUS/WINTER GROWING DROSERA JUDGING

The August meeting focused on tuberous and winter growing *Drosera*. Sean brought in several fan-leaved *Drosera*, including a *Drosera stolonifera* that was producing lots of flowers and was voted plant of the night.

A lot of the fan-leaved *Drosera* Sean brought in were flowering prolifically without much leaf growth. Sean fertilises his plants and suspects the fertiliser maybe causing this type of growth. Second place went to Sean's pot of *Drosera rupicola*, a cross between the red and green forms of this species with the resulting plants showing a lot of variation in colour.

Sean's *Drosera macrantha*, a plant he originally got from Peter Bloem was voted third place. Several plants from the *peltata-auriculata* complex were brought in and there was a discussion about the recent taxonomic research into this complex, including where they grow and how to identify them.

Also benched were plants of *Drosera pauciflora*, its much smaller relative *Drosera zeyheri*, and *Drosera cistiflora*. Like tuberous *Drosera*, these South African plants come from seasonally wet areas, where they go dormant during the dry summers by dying back to fleshy roots rather than tubers.

The species benched at the August meeting included:

Drosera aberrans

Drosera andersoniana
Drosera auriculata
Drosera basifolia
Drosera bulbigena
Drosera cistiflora
Drosera erythrogyne
Drosera graniticola
Drosera gunniana
Drosera heterophylla
Drosera hirsuta
Drosera indumenta
Drosera macrantha
Drosera menziesii
Drosera modesta
Drosera moorei
Drosera pallida
Drosera pauciflora
Drosera peltata
Drosera platypoda
Drosera porrecta
Drosera ramellosa
Drosera rupicola
Drosera stolonifera
Drosera stricticaulis
Drosera zeyheri
Heliamphora nutans x heterodoxa
Nepenthes hookeriana



**PLANT OF THE NIGHT
CEPHALOTUS FOLLICULARIS:**
(From left): 1st, 2nd and 3rd places



**PLANT OF THE NIGHT
BROCCHINIA/CATOPSIS:**
(From left): 1st *C. berteroniana*,
2nd: *B. reducta*, 3rd: *B. reducta*



**PLANT OF THE NIGHT
NON TOPIC PLANT**
1st place *Drosera platypoda*

September 27th VCPS meeting

CEPHALOTUS, BROCCHINIA AND CATOPSIS

The topic plants for the September meeting were *Cephalotus*, *Catopsis* and *Brocchinia*. *Cephalotus* and the carnivorous bromeliads were voted on separately for topic plant of the night.

Several *Cephalotus* were brought into the meeting. *Cephalotus* have a reputation of being finicky to grow. Some well grown plants were brought in that were being grown under different conditions. Andrew brought in two plants that were producing a lot of large pitchers, one of which was voted topic plant (*Cephalotus*) of the night. Andrew grows his *Cephalotus* in an indoor terrarium under fluorescent lights.

Jason also brought in two pots of *Cephalotus* that were being grown in a coldhouse. One was producing large pitchers with lot of good colour. The other had died back about 2 years ago but had since bounced being moved to coldhouse and had produced a large number of new crowns. While a lot of the bromeliads gain nutrients from detritus that falls into their tanks a few members of *Catopsis* and *Brocchinia* have been shown to trap insects and are considered subcarnivorous. Andrew brought in a large plant of *Catopsis berteroniana* which was voted topic plant (bromeliad) of the night. *Catopsis berteroniana* is an epiphytic bromeliad that grows from southern Florida through into Central and South America.

Steve brought in a large plant of *Brocchinia reducta* that had produced several growing points over the years. This terrestrial bromeliad is a predominantly Highland species from South America's Guiana Shield region.

Steve's *Drosera platypoda* was voted non-topic plant of the night. This is one of the fan-leaved tuberous *Drosera* from WA and produces short, single stems with the carnivorous leaves arranged alternately along the stem. Also benched as *Drosera murfetii*. Like it's smaller relative *Drosera arcturi*, *Drosera murfetii* comes from colder alpine regions of Australia and keeping it cool during Melbourne's hot summers can be challenging.

Several varieties of *Sarracenia purpurea* were also

brought into the meeting. Steve brought in a *Sarracenia purpurea* ssp *venosa* var *burkii* that was in flower and finished the meeting with a demonstration of how to pollinate *Sarracenia*. The VCPS seedbank is always looking for fresh seed and *Sarracenia* seed is very popular. If you have any *Sarracenia* in flower, please consider setting a few seedpods and donating the seed to our seedbank.

The species benched at the September meeting included:

Brocchinia reducta
Catopsis berteroniana
Cephalotus follicularis
Dionaea muscipula
Drosera murfetii
Drosera platypoda
Nepenthes jamban
Nepenthes lingulata
Sarracenia psittacina var *heterophylla*
Sarracenia purpurea ssp *purpurea*
Sarracenia purpurea ssp *venosa* var *burkii*
Sarracenia purpurea ssp *venosa* var *montana*



Steve giving a pollination demonstration with a small artist's paint brush on a *Sarracenia purpurea* var. *venosa*.



Collectors Corner Gardenworld



**Cephalotus, Dionaea, Drosera,
Heliamphora, Nepenthes & Sarracenia**



Also specialising in:

- bromeliads • bonsai • cactus • succulents
- tillandsias • orchids • books • gemstones
- meteorites • fossils

**Garden World, 810 Springvale Road,
Keysborough, Victoria**

**Phone: 61 3 9798 5845
www.collectorscorner.com.au**



REDFERN ADVENTURES

Redfern Adventures organises carefully planned, specialist eco-tours to unusual and exciting destinations where few other travel companies operate.

Offering travellers the opportunity to experience and observe amazing *carnivorous plants and orchids, exotic wildlife, unusual cultures and outstanding landscapes* in distant corners of the globe.

Visit our website to see our full portfolio of adventure destinations

✉ www.redfernadventures.com
✉ sales@redfernadventures.com



Australia



Malaysia



Indonesia



South America



North America



Victorian Carnivorous PLANT SOCIETY^{INC.}

Annual Subscriptions

Australian membership	\$28.00
Overseas membership	\$28.00
Electronic membership	\$18.00
Mail & Electronic Membership	\$30.00

All cheques or money orders should be made payable to the Victorian Carnivorous Plant Society Inc (VCPS). Payment can be made by Cheque, Money Orders, Direct deposit and Paypal. Payment from overseas must be in Australian dollars. (Payment by Credit card is also available for international members only.) Please visit vcps.org for further details

Correspondence

Please forward all correspondence regarding subscription, change of address, articles for the journal and back issues to:

**The Secretary VCPS
1 Pollard Place,
Sunbury, Victoria 3429.
AUSTRALIA**

Journal articles, in MS-Word, ready for publication, may be Emailed to the Editor or Secretary.

Meetings

Most VCPS meetings are held in the hall at the rear of the Pilgrim Uniting Church on the corner of Bayview Road and Montague Street, Yarraville – Melway map reference 41K7. These meetings are on the fourth Wednesday of the month at 8 PM.

However, some meetings may be at the home of members during a weekend. Details of meeting dates and topics are listed in each journal.

If unsure of the location or date of any meeting, please ring a committee person for details.

The VCPS Annual General Meeting, usually held at Yarraville in June, provides substantial benefits for each and every member able to attend.



Cephalotus follicularis



Cephalotus follicularis



Cephalotus follicularis



Cephalotus follicularis



Cephalotus follicularis



Cephalotus follicularis



Cephalotus follicularis "Eden Black"



Cephalotus follicularis