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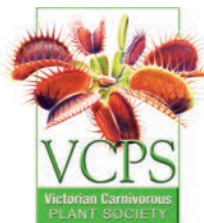
Victorian Carnivorous PLANT SOCIETY INC.

MARCH 2022

VCPS Newsletter No. 14



Nepenthes edwardsiana



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March 2022

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MEETING TOPICS & DATES for 2022 VICTORIAN CARNIVOROUS PLANT SOCIETY

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

- (All attendees must be double vaccinated against Covid19, wear a face mask where and when required and check in upon entry).

January	(30th)	New Year BBQ (Contact for details)
February	(23rd)	<i>Sarracenia</i> , <i>Dionaea</i> (VFT), beginners info
March	(19-20th)	VCPS Annual show at Collectors Corner (Postponed 2020 show).
April	(27th)	<i>Nepenthes</i> , <i>Heliamphora</i> , <i>Drosera</i> and information night.
May	(25th)	Growing conditions, 'Best' and 'Worst' plants, pygmy <i>Drosera</i> gemmae swap
June	(22nd)	AGM, plant give-away, any CPs.
July	(27th)	Rosetted tuberous <i>Drosera</i> judging, Propagation – seed growing, tissue culture, division and cuttings. Potting demonstration.
August	(24th)	Upright tuberous/Winter growing <i>Drosera</i> , show preparation, displays, and companion planting.
September	(28th)	<i>Cephalotus</i> , <i>Brocchinia</i> , <i>Catopsis</i> and swap night.
October	(26th)	<i>Byblis</i> , pygmy <i>Drosera</i> , <i>Drosera binata</i> , <i>Drosophyllum</i> , <i>Genlisea</i> , <i>Pinguicula</i> , <i>Roridula</i> , <i>Utricularia</i> .
November	(TBA)	Triffid Park Open Day
December	(3-4th)	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



A superb looking *Nepenthes hamata* with large lower pitchers, grown by Ben Chambers. Photo: Ben Chambers

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 designer at: stevefretwell24@gmail.com

VCPS News

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VCPS Annual show and results

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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:

Drosera arcturi, Mt Baw Baw, Victoria.

Photos: Stephen Fretwell

BACK COVER:

Clockwise from top left:

- *Sarracenia leucophylla* (Ben's Bog Florida) 1st place in *S. leucophylla* at the VCPS show.
- *U. dichotoma* var. *maritima* 1st place in *Utricularia* at the VCPS show.
- *Pinguicula gigantea*, 1st place in *Pinguicula* at the VCPS show.
- *Dionaea muscipula* G16 x G14 2nd place in *Dionaea* at the VCPS show.
- *Heliamphora folliculata*, Reserve Champion at the VCPS show.
- *Nepenthes graciliflora* at the VCPS show.
- *Cephalotus follicularis*. 1st place in *Cephalotus* at the VCPS show.
- *Drosera curviscapa* (centre), 1st place in *Drosera* at the VCPS show.

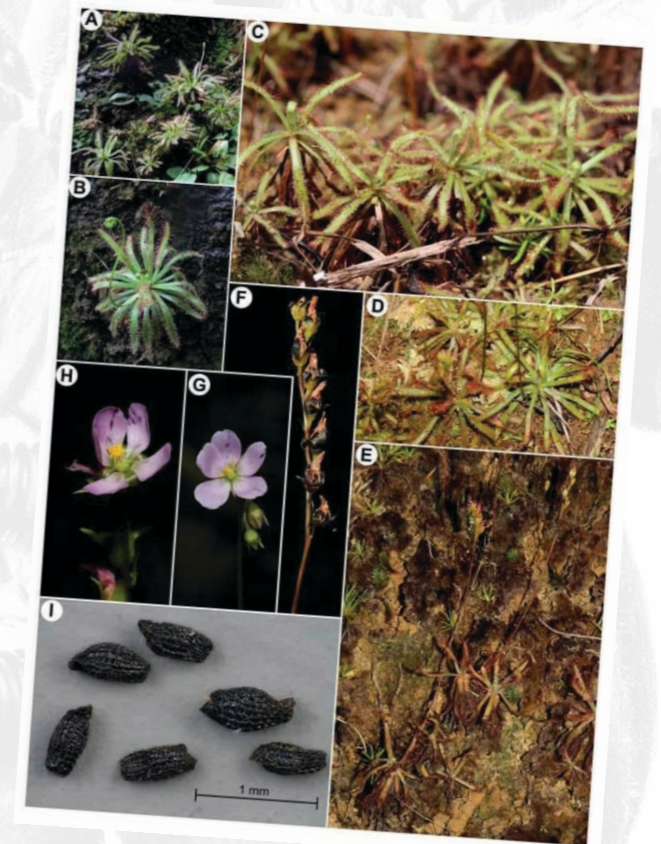
Design: Stephen Fretwell

VCPS News

A new and unusual *Drosera* found in Madagascar

In 2013 Paulo Gonella identified a different looking *Drosera* when he visited a herbarium in the United States during his PhD. Years later, he and a group of researchers from Madagascar collected complete materials for this plants which roughly resembles *D. latifolia* from Brazil. But its' closest relative is actually *D. humbertii*, another endemic species to Madagascar that only occurs in higher regions in northern Madagascar and has developed a stem.

The species specific epithet "arachnioides", means "spider like" and refers to the shape of the plants rosettes which have long thin leaves covered in trichomes and the fact that the species occurs on rocky walls, like some spiders.



New VCPS Grand Champion trophy

After many years of service we finally had to retire the old Grand Champion trophy as it was becoming extremely fragile.

However thanks to Justin Thong, we now have a brand new trophy with the VCPS logo engraved on the front and all of the past champions engraved onto the back.

The new trophy looks absolutely superb and can now proudly be displayed by the winner with fear of it getting damaged.



Nepenthes edwardsiana.
Photos: Stephen Fretwell



The Grand Champions of the VCPS 2021/22 annual show.

VCPS 2021/22 annual show

The delayed VCPS 2021 annual show held this March at Collector's Corner, again was a huge success and contained some spectacular plants and displays.

Congratulations to Justin Thong for taking out the Grand Champion prize with his magnificent *Nepenthes edwardsiana*, which had stunning lower pitchers on it and is quite a difficult plant to grow due to the low maximum temperature that it requires during summer.

Congratulations also to Justin Thong for winning the Reserve Champion award for his amazing and huge *Heliamphora folliculata* that had many brightly coloured green, yellow, orange and red pitchers. Along with 3 scapes that contained many of its delicate flowers.

Unfortunately this year a few experienced growers couldn't participate in the show, but the members were still able to show plants from most genera which was fantastic to see considering it was the start of Autumn. Highlight plants at the show apart from the Champion plants were *Nepenthes veitchii*, *N. graciliflora*, *N. ovata*, *N. mira* and many other



Heliamphora ionasii.

stunning Neps. *Heliamphora ionasii*, *H. tatei*, *H. exappendiculata*, plus a few other new and colourful *Heliamphora* hybrids such as *H. ionasii x folliculata* and *H. nutans x folliculata*.

There was also a fantastic variety of large *Sarracenia*'s, *Drosera*, *Utricularia* and *Pinguicula* that were on display. Plus the biggest display ever of VFT's with over 25 different clones!

Congratulations to all the members that contributed to the show, this was one of the biggest shows we've ever had.



The VCPS 2022 display.



Drosera pulchella "Pink flowers"



Drosera venusta var. *alba*.



Best *S. leucophylla*: Ben's Bog, Florida.



Best *Sarracenia* hybrid: 'Umluftiana'.



Best *purpurea*: *S. purpurea* var. *rosea*.



The Grand Champion plant: *Nepenthes edwardsiana*.



The Reserve Champion plant: *Heliamphora folliculata*.

SHOW JUDGING RESULTS

19-March-2022

SECTION A Grand champion

Justin Thong – *Nepenthes edwardsiana*

SECTION B Reserve champion

Justin Thong – *Heliamphora folliculata*

SECTION C Memorial trophies

Best *Sarracenia*

(Mike McCarthy memorial trophy)
Stephen Fretwell – *S. psittacina* var. *okefenokeensis*

SECTION D

INDIVIDUAL DISPLAY OR TERRARIUM

No entries

SECTION E

CARNIVOROUS PLANT SPECIES

Class 1 *Sarracenia* species

Sarracenia alata

1. var. *atrorubra* - Steve Fretwell
2. Andrew Gibbons
3. No other entries

Sarracenia flava

No entries

Sarracenia leucophylla

1. Ben's Bog, Florida - Steve Fretwell
2. "Green & White" - Wolfgang Fuhrmann
3. Citronelle, Alabama - Steve Fretwell

Sarracenia minor

1. var. *okefenokeensis* - Steve Fretwell
2. "Red fenestration" - Steve Fretwell
3. No other entries

Sarracenia oreophila

No entries

Sarracenia psittacina

1. var. *okefenokeensis* - Steve Fretwell
2. var. *okefenokeensis* - Steve Fretwell
3. No other entries

Sarracenia purpurea

1. var. *rosea* - Andrew Gibbons
2. var. *montana* - Steve Fretwell
3. var. *rosei* - Andrew Gibbons



Largest VFT trap:
B52 x B52 (4.2cm).



Best Sarracenia: (Mike McCarthy memorial trophy)
S. psittacina var. *okefenokeensis*.



Pinguicula 1st, 2nd & 3rd winners. (All *P. gigantea*).



Drosera 1st, 2nd & 3rd winners. (from left) *D. curviscapa*, *N. venusta* var. *alba* and *D. intermedia*.

Sarracenia rubra

- 1. var. *gulfensis* - Steve Fretwell
- No other entries

Class 3 *Nepenthes*

- 1. *N. edwardsiana* - Justin Thong
- 2. *N. veitchii* "Striped" - Justin Thong
- 3. *N. mira* - Steve Fretwell

Class 4 *Dionaea muscipula*

- 1. 'Akai Ryu' - Steve Fretwell
- 2. G16 x G14 - Andrew Gibbons
- 3. G4 x G37 - Justin Thong

Class 5 *Cephalotus follicularis*

- 1. Andrew Gibbons
- 2. Jason Pak
- 3. Ben Chambers

Class 6 Pygmy *Drosera* (species only)

- 1. *D. pulchella* - Steve Fretwell
- 2. *D. pygmaea*, Langwarrin - Steve Fretwell
- 3. No other entries

Class 7a Rosetted tuberous & winter growing *Drosera/Uticularia*

(No entries due to Covid-19 lockdown)

Class 8a Other temperate climate *Drosera*

- 1. *D. curviscapa* - Andrew Gibbons
- 2. *D. venusta* var. *alba* - Andrew Gibbons
- 3. *D. intermedia* - Andrew Gibbons

Class 8b Tropical *Drosera*

- 1. *D. adelae* - Andrew Gibbons
- No other entries

Class 8c *Drosera binata*

- 1. *D. binata* var. - *dichotoma* "Giant" - Steve Fretwell
- 2. *D. binata* 'Marston Dragon' - Andrew Gibbons
- 3. *D. binata* var. *multifida*, Angourie, NSW - Steve Fretwell

Class 8d *Drosera capensis*

- 1. "Broad leaf" - Steve Fretwell
- 2. "Tamlins Red" - Steve Fretwell
- 3. No other entries

Class 9 *Pinguicula*

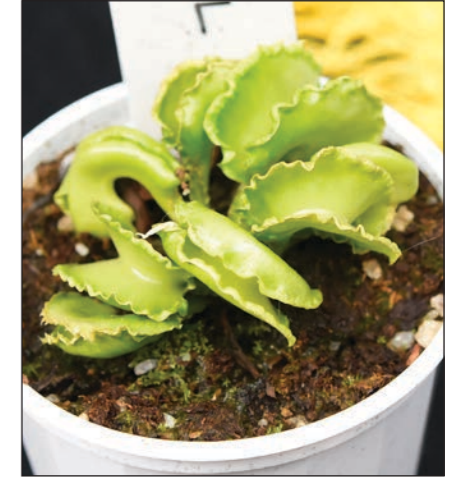
- 1. *P. gigantea* - Andrew Gibbons
- 2. *P. gigantea* - Andrew Gibbons
- 3. *P. gigantea* - Andrew Gibbons



Best VFT: *D. muscipula* 'Akai Ryu'.



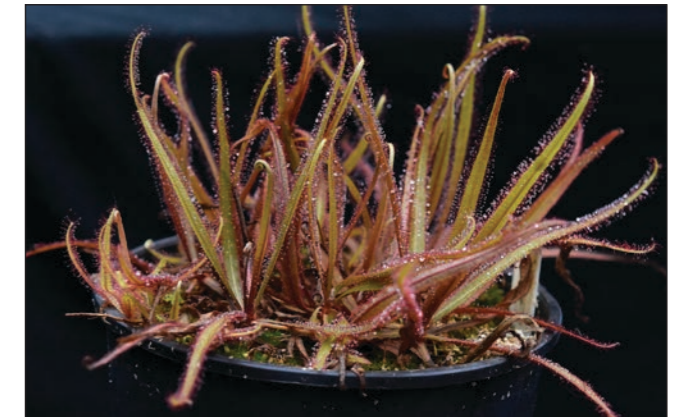
D. muscipula "Schuppenstiel".



A new VFT cultivar called "Shell".



1st place for binata: *D. binata* var. *dichotoma* "Giant".



1st place for tropical *Drosera*: *D. adelae*.



Tallest Sarracenia:
S. leucophylla, (90cm).



Largest Nepenthes pitcher:
N. carunculata var. *robusta* (28cm).



The *Sarracenia* display.



The *Dionaea muscipula* display.



1st place for the best *Darlingtonia*.



1st place for the best *Cephalotus*.



Utricularia humboldtii.



The *Nepenthes*, *Heliamphora* and *Dionaea muscipula* display.



Nepenthes veitchii "Striped"



1st place for *Nepenthes* hybrid: *N. ovata* x *ventricosa*.

Class 10 *Utricularia* or *Genlisea*

1. *U. dichotoma* var. *maritima* (Cranbourne, Vic) - Steve Fretwell
2. *U. dichotoma* var. *maritima* (Cann River, Vic) - Steve Fretwell
3. *U. gibba* - Steve Fretwell

Class 11 *Byblis*

No entries

Class 12 *Darlingtonia*

1. Andrew Gibbons
2. Andrew Gibbons
3. Steve Fretwell

Class 13 *Heliamphora*

1. *H. folliculata* - Justin Thong
2. *H. ionasii* - Justin Thong
3. *H. tatei* - Andrew Gibbons

Class 14 *Catopsis* or *Brocchinia*

1. *Catopsis berteroniana* - Steve Fretwell
2. *Catopsis berteroniana* - Andrew Gibbons
3. No other entries

SECTION F

Carnivorous Plant Hybrids

Class 1 *Sarracenia* hybrid

1. *S. 'Umleftiana'* - Steve Fretwell
- No other entries

Class 2 *Nepenthes* hybrid

1. *N. ovata* x *ventricosa* "Red" - Steve Fretwell
2. *N. lowii* x *zakriana* - Steve Fretwell
3. *N. 'Predator'* - Steve Fretwell

Class 3 *Pinguicula* hybrids

1. *P. moranensis* x *ehlersae* - Steve Fretwell
- No other entries

Class 4 *Heliamphora* hybrids

1. *H. ionasii* x *folliculata* - Justin Thong
2. *H. nutans* x *folliculata* - Justin Thong
3. No other entries

SECTION H

Biggest Carnivorous Plants

Tallest *Sarracenia*

S. leucophylla 90cm - Wolfgang Fuhrmann

Largest *Nepenthes* pitcher

N. carunculata var. *robusta* 28cm - Steve Fretwell

Largest VFT trap

B52 x B52 4.2cm - Andrew Gibbons

2022 SHOW RESULTS

Not including awards

	1st	2nd	3rd	Total
Steve Fretwell	13	6	6	25
Andrew Gibbons	6	7	4	17
Justin Thong	3	3	1	7
Wolfgang Furhmann	0	1	0	1
Jason Pak	0	1	0	1
Ben Chambers	0	0	1	1



Greenhouse Thrip *Heliothrips haemorrhoidalis*.



Green Aphid feeding on a *Dionea muscipula* trap.

Greenhouse pests

BY PETER BLOEM.

A few years ago, I repaired and replaced the 15-year-old plastic around my greenhouse that measures 2.5m x 7m and is attached to the backyard shed.

I replaced the roof with clear poly carbonate and added shade cloth that I can roll out in summer when needed.

I decided to use a 50% shade cloth for the walls and wire mesh on the front and back doors to improve air circulation. As a result, I have noticed that there are less problems with fungus growth and pesky insects like Mealy bug and aphids.

Prior to repairing the greenhouse, I was controlling the pests by spraying with Rogor, to keep infestations in check. I would start spraying from the back of the greenhouse and then walk out backwards and not return for the rest of the day. I have also used Confidor and

Yates All-In-One Rose Gun, which is not as toxic, but still a systemic insecticide.

Unfortunately, it would kill all insects including the beneficial ones as well as anything that ate them like frogs and skinks that may have lived inside the greenhouse.

After the greenhouse repairs the only pests I now have are caterpillars. From early spring they love to eat the new growth of my CPs. It's surprising how much damage a few caterpillars can do to your plants in a couple days.

Also Codling Moth larvae, *Cydia pomonella*, that gestate underground during the cooler months and munch on plant roots. I can usually see their silk tunnels just under the surface of the potting mix. I believe these critters are responsible for killing off a healthy looking plant that suddenly looks sick, especially *Cephalotus follicularis*.

Many a time I have dropped a sick looking plant in a bucket of water for an hour or two and



Damage to *S. leucoophylla* by a single Cabbage White Caterpillar, *Pieris rapae*.



Codling Moth caterpillar silky webs and droppings on the surface of a pot.



A Mealy Bug and Black Sooty Mould infestation on a *S. flava*.



Cabbage White Caterpillar, *Pieris rapae*.



Codling Moth caterpillar, *Cydia pomonella*.



Obscure Mealy Bug *Pseudococcus viburni*.



Thrips on this *S. flava* leaving a white scarring where they've been feeding.



Grey Mould *Botrytis cinerea* attacking the old leaves of a *D. admirabilis* plant.



Black Scale *Saissetia oleae* sucking the sap out of a *S. purpurea* plant.

found these larvae floating on the surface.

However I have come across a product that can control these caterpillars and not harm other insects or animals that might eat them later. Yates Nature's Way caterpillar killer, Dipel. It uses a naturally occurring bacteria, *Bacillus thuringiensis var. kurstaki*, that is safe to use on all plants including veggies and CPs.

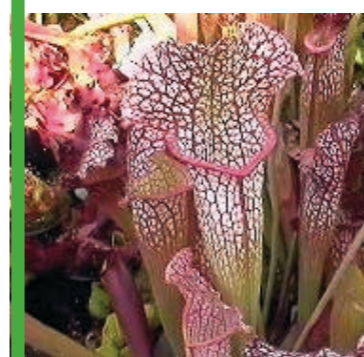
When the caterpillars consume the plant with the bacteria on the surface, the bacteria works inside

their gut and grows until the caterpillar can no longer eat and then dies after a few days. You may need to respray after a week or so as the powder containing the bacteria easily washes off with rain or watering. I feel confident using this product knowing that other bugs, wildlife and myself are not affected by the cure!

There seems to be a lot more products on the market now that are safe for humans to use and safer for the environment.



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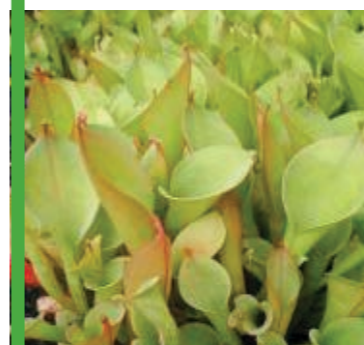
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The Secretary VCPS
1 Pollard Place,
Sunbury, Victoria 3429.
AUSTRALIA

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.



Sarracenia leucophylla



U. dichotoma var. maritima



Pinguicula gigantea



Cephalotus follicularis



Drosera curviscapa



Dionaea muscipula G16 xG14



Nepenthes graciliflora



Heliamphora folliculata