



THE AUSTRALASIAN CARNIVOROUS PLANT SOCIETY INC.

# CARNIFLORA NEWS

A.B.N. 65 467 893 226

June 2023



*Nepenthes smilesii* - grown by Gareth Williams

Welcome to *Carniflora News*, a newsletter produced by the Australasian Carnivorous Plant Society Inc. (AUSCPS) that documents the meetings, news, and events of the Society.

The current committee of the AUSCPS comprises:

### **COMMITTEE**

**President** - David Colbourn  
[davecolbourn@gmail.com](mailto:davecolbourn@gmail.com)

**Vice President** - Robert Little  
[robertjameslittle@yahoo.com.au](mailto:robertjameslittle@yahoo.com.au)

**Treasurer** - Wesley Fairhall  
[wesleyfairhall7@gmail.com](mailto:wesleyfairhall7@gmail.com)

**Secretary** - Kirk 'Füzzzy' Hirsch  
[mijmark@ihug.com.au](mailto:mijmark@ihug.com.au)

**General Committee Member** - Brendan Hooghuis

### **DELEGATES**

**Journal Editor** - Dr. Robert Gibson

**Sydney Coordinator** - Wesley Fairhall  
[wesleyfairhall7@gmail.com](mailto:wesleyfairhall7@gmail.com)

**Newsletter Editor** – Glenn Carson  
[glenncarson@iinet.net.au](mailto:glenncarson@iinet.net.au)

**Sydney Coordinator**- Kirk 'Füzzzy' Hirsch  
[mijmark@ihug.com.au](mailto:mijmark@ihug.com.au)

**Public Officer** - Kirk 'Füzzzy' Hirsch  
[mijmark@ihug.com.au](mailto:mijmark@ihug.com.au)  
0421 271 888

**Brisbane Coordinator** - Alan Haase  
[alanjhaase@gmail.com](mailto:alanjhaase@gmail.com)

**Website Manager** - Marina Chong

**Brisbane Coordinator** - Brent Jones  
[brent.jones@outlook.com](mailto:brent.jones@outlook.com)

**Social Media Manager** - Glen Moss

**Events Coordinator** - Ben Timmings

**Merchandise Manager** - David Colbourn  
[davecolbourn@gmail.com](mailto:davecolbourn@gmail.com)

**Canberra Coordinator** - Robert Little  
[robertjameslittle@yahoo.com.au](mailto:robertjameslittle@yahoo.com.au)  
0402 130 171

**Canberra Coordinator** - Vacant

**Seed Bank Manager** - Marlon Maclean  
[marlonjamesmaclean@gmail.com](mailto:marlonjamesmaclean@gmail.com)

**Library Manager** - Glenn Carson  
[glenncarson@iinet.net.au](mailto:glenncarson@iinet.net.au)

## CALENDAR

### JUNE

2nd Jun 2023 AUSCPS meeting - Canberra featuring Australian Tuberos *Drosera*  
9th Jun 2023 AUSCPS meeting - Sydney featuring *Cephalotus*, *Heliophora* and Carnivorous *Bromeliads*  
21st Jun 2023 AUSCPS meeting - Brisbane featuring *Darlingtonia*

### JULY

7th Jul 2023 AUSCPS meeting - Canberra  
14th Jul 2023 AUSCPS meeting - Sydney featuring winter growing *Drosera* and *Utricularia*  
14th Jul 2023 **AUSCPS Annual General Meeting - Sydney**  
19th Jul 2023 AUSCPS meeting - Brisbane

### AUGUST

4th Aug 2023 AUSCPS meeting - Canberra  
9th Aug 2023 AUSCPS meeting - Brisbane  
11th Aug 2023 AUSCPS meeting - Sydney featuring *Drosophyllum*, *Roridula* and perennial *Byblis*

### SEPTEMBER

1st Sep 2023 AUSCPS meeting - Canberra  
8th Sep 2023 AUSCPS meeting - Sydney featuring Australian native carnivorous plants  
16th Sep 2023 **Kariong Plant Lovers Fair**  
20th Sep 2023 AUSCPS meeting - Brisbane

### OCTOBER

6th Oct 2023 AUSCPS meeting - Canberra  
13th Oct 2023 AUSCPS meeting - Sydney featuring *Utricularia* and *Genlisea*  
18th Oct 2023 AUSCPS meeting - Brisbane

### NOVEMBER

3th Nov 2023 AUSCPS meeting - Canberra  
10th Nov 2023 AUSCPS meeting - Sydney featuring *Sarracenia*  
15th Nov 2023 AUSCPS meeting - Brisbane

### DECEMBER

2nd Dec 2023 AUSCPS meeting - Canberra  
6th Dec 2023 AUSCPS meeting - Brisbane  
9th Dec 2023 **AUSCPS meeting - Sydney - Annual Show**

### JANUARY

5th Jan 2024 AUSCPS meeting - Canberra  
12th Jan 2024 AUSCPS meeting - Sydney featuring *Dionaea* & *Aldrovanda*

### FEBRUARY

3rd Feb 2024 AUSCPS meeting - Canberra featuring *Darlingtonia californica* and *Cephalotus follicularis*  
10th Feb 2024 AUSCPS meeting - Sydney featuring summer growing *Drosera* and Annual *Byblis*

### MARCH

1st Mar 2024 AUSCPS meeting - Canberra featuring *Nepenthes*  
8th Mar 2024 AUSCPS meeting - Sydney featuring *Pinguicula*  
22nd Mar 2024 Sydney Royal Easter Show

### APRIL

5th Apr 2024 AUSCPS meeting - Canberra featuring *Sarracenia leucophylla* and its hybrids  
12th Apr 2024 AUSCPS meeting - Sydney featuring *Sarracenia* and *Darlingtonia*  
Apr 2024 **Clarendon Plant Fair - TBA**

### MAY

3rd May 2024 AUSCPS meeting - Canberra  
10th May 2024 AUSCPS meeting - Sydney featuring *Nepenthes*

## NEWS

### MEMBERSHIP RENEWAL

Membership of the Australasian Carnivorous Plant Society Inc. (AUSCPS) is \$20 per calendar year, or \$35 if you require printed journals with your membership. The AUSCPS is a not for profit organisation that promotes the conservation and cultivation of carnivorous plants in Australia and abroad.

**JOIN NOW**

Becoming a member of our society offers great benefits such as receiving two editions of our journal, *Carniflora Australis*, 12 monthly newsletters, *Carniflora News*, seed subsidies, discounts on merchandise, access to our free library, and the ability to sell plants at fairs and events attended by the Society. Simply fill out the membership form included in our newsletter and follow the payment instructions.

### **INSTAGRAM PHOTOS**

We are looking to expand our file of quality photographs used in the newsletter and on our Social Media platforms. If you have any photos that you think may be suitable for publication, please forward them to [glenncarson@inet.net.au](mailto:glenncarson@inet.net.au)

### **FIELD TRIP 2023**

Visiting carnivorous plants in their natural habitat is a unique and exciting opportunity to witness their fascinating feeding mechanisms. We will be visiting the Blue Mountains and its surrounds.

If you are interested in joining us on a field trip, it is important to note that several safety precautions must be taken to ensure everyone's well-being. It is recommended to wear long-sleeved shirts, pants, and closed-toe shoes to avoid contact with poisonous animals, plants and insects. Additionally, bringing along insect repellent, sunscreen, and plenty of water will make the day more comfortable.

If you are willing to drive, please let us know as we may need several vehicles to transport everyone to the sites. We look forward to exploring the natural world with you and learning more about these fascinating plants. Please contact the society if you are interested in joining us.

### **CALL FOR ARTICLES: CARNIFLORA AUSTRALIS**

We are currently low on content for our upcoming editions of *Carniflora Australis*. Do you have an idea for an article? Write it down and send it our way! We are happy to assist with polishing your piece. Below are some suggestions for article topics:

- Specific cultivation techniques
- Carnivorous plant field trips
- Propagation techniques
- Your favorite plant and why
- How your collection began
- Feeding and care tips

Don't hesitate to contribute to our publication. We look forward to reading your submissions!

## **CARNIFLORA AUSTRALIS MARCH 2023**

The Journal of the Australian Carnivorous Plant Society Inc. is available.

Articles included are:

How to build a mini planthouse - Bruce Pierson

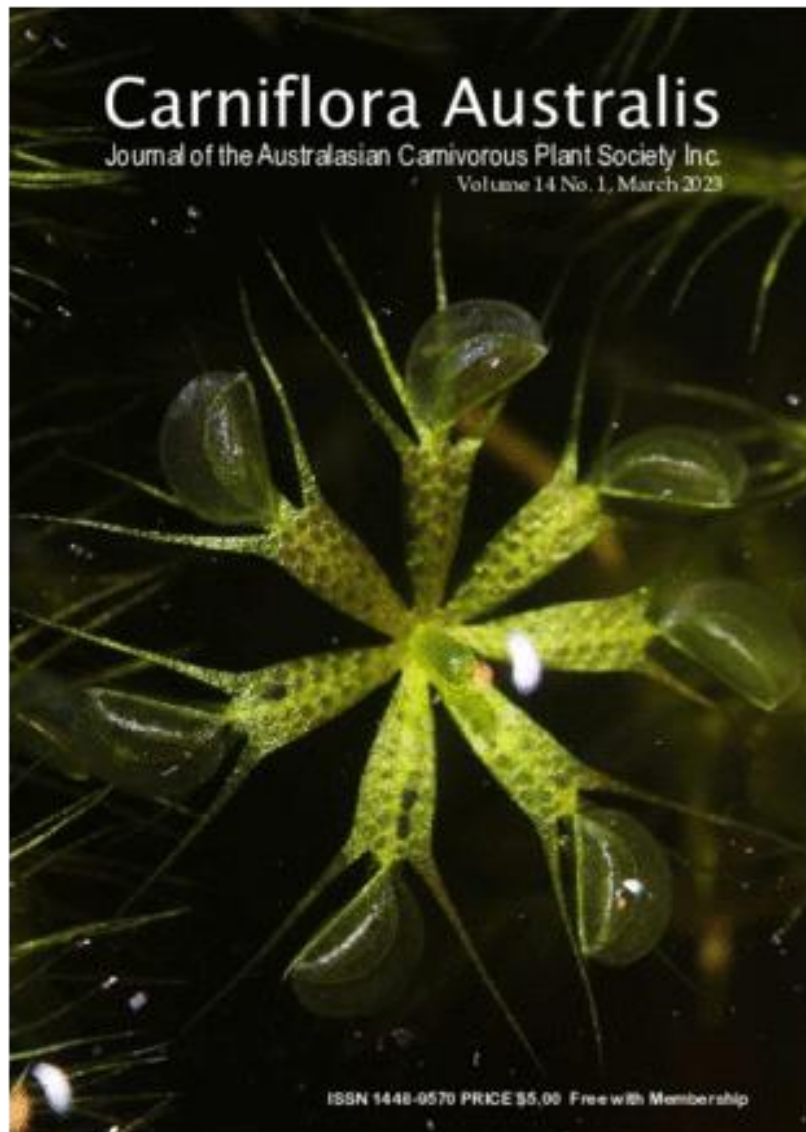
*Pinguicula emarginata* x *moranensis* - Robert Gibson

*Drosera* aff. *gunniana* - David Colbourn

*Aldrovanda* - Kirk 'Fuzzy' Hirsch

Carnivorous plants that feature on postage stamps (2010-2019): Part 1 - David Colbourn

The Great Escape - *Nepenthes* climb out of their pots - Robert Gibson





## CLARENDON PLANT FAIR

The Australasian Carnivorous Plant Society's plant stall was a hit this year! Having the option to use a card reader likely made it easier for customers to make a purchase, which is always a plus. Kudos to the volunteers who helped make the fair a success - their dedication and hard work are truly appreciated.

I'm sure the photos from the fair are amazing - it's always fun to see the unique and intriguing carnivorous plants on display. It's fantastic that events like this can bring people together who share a passion for these fascinating plants. It's also a great opportunity for visitors to learn more about carnivorous plants and their care.

Looking ahead, it would be great to see even more growth and success for the Australasian Carnivorous Plant Society in the future. Perhaps the society could consider hosting more events throughout the year to continue spreading awareness and knowledge about these incredible plants.













## **ANNUAL GENERAL MEETING**

### **NOMINATIONS FOR THE COMMITTEE**

Our A.G.M. is planned for 14th July, 2023 meeting in Sydney. One of the objectives at this meeting is to elect committee members. We are now a national society, and as such, members from across Australia are eligible to be nominated for each position. A description of each elected position is contained below. Included with this newsletter are instructions on how to nominate members for the listed positions and a nomination form.

A list of nominations will then be published in June and voted on at the A.G.M. Interstate / international members will be able to make their vote via proxy. Please consider volunteering for the Society by standing for one of the roles.

The roles and their descriptions are:

**President** - The President oversees all the Society's activities and will chair General, Extraordinary, and Annual General meetings in accordance with proper business meeting etiquette. The President casts the 'Deciding Vote' in the event of a deadlock arising from a motion or other matters requiring a vote at Committee level. The President will need good communication, people management, motivational, organisational and delegation skills.

**Vice President** - The Vice President is responsible for the overall operation of the Society in the absence or otherwise incapacity of the President. The Vice President requires good communication, teamwork and organisational skills.

**Treasurer** - The Treasurer shall ensure that correct books and accounts are kept showing the financial affairs of the Society. These records shall be available for inspection by any member and shall be held in the custody of the Treasurer. A financial report is to be presented at the A.G.M. The Treasurer will need good accounting and communication skills.

**Secretary** - The Secretary unless another person is so appointed by the Committee is responsible for the incoming and outgoing business correspondence for the Society. Including but not limited to reading emails and letters, and mail out of Journals. The Secretary shall ensure that records of the Constitution/Rules of the Society and minutes of all general and committee meetings are kept. These records shall be available for inspection by any member and shall be held in the custody of the Secretary.

**Membership Secretary** - The Membership Officer is automatically appointed as Public Officer unless another person is so appointed by the Committee and shall ensure that the register of members is kept up to date. Membership records shall be available for inspection by any member and shall be held in the custody of the Membership Secretary.

## ARTICLE:

### **Bladderworts suck in animals and eat them alive. But which species are meeting this grisly demise?**

ABC Esperance

By Emily JB Smith

Posted Sun 5 Dec 2021 at 9:38am Sunday 5 Dec 2021 at 9:38am, updated Sun 5 Dec 2021 at 9:39am Sunday 5 Dec 2021 at 9:39am



The trap of a species of bladderwort endemic to the Esperance region. The plant sucks small animals into the trap and then eats them alive. (*Supplied: Thilo Krueger*)

**Help keep family & friends informed by sharing this article**

**[abc.net.au/news/bladderworts-carnivorous-plant-meat-eating-diet-wa-esperance/100669608](https://abc.net.au/news/bladderworts-carnivorous-plant-meat-eating-diet-wa-esperance/100669608)**

Link copied

On a wetland east of Esperance, Thilo Krueger is trying to crack a baffling case.

Key points:

Bladderworts are a species of carnivorous plant that use their traps to capture and eat animals. A West Australian scientist hopes to be the first to use a technique called "DNA metabarcoding" to identify the species they are eating. Esperance habitats are poor in nutrients, so these plants have evolved to get nutrients by eating animals. He is wading through the habitat of the world's fastest-moving predatory plant, which survives by sucking animals into a trap and eating them alive.



Although the hunting tactics sound messy, they are in fact so covert that no one has managed to identify exactly what species of animals the plants are ingesting.

Mr Krueger, a PhD student at Curtin University, hopes to change that.

"This is really quite important; to research them and to ensure their conservation ... for the long term" he said.



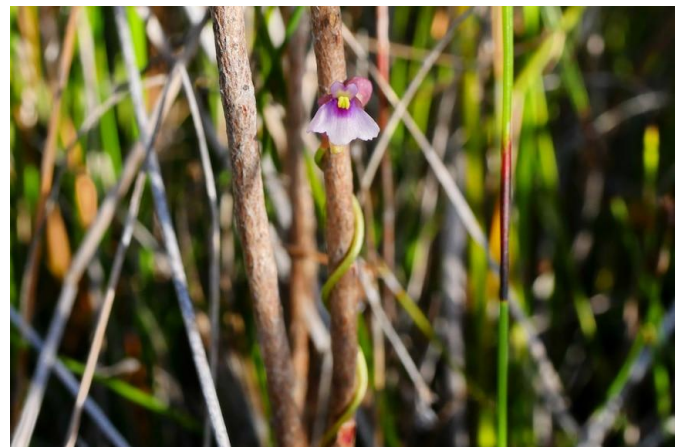
Thilo Krueger, Zoe Bullen, Duarne Close and Donna Beach. (ABC News: Emily Smith)



The small sac-like structures are where the plants suck in animals to eat. (Supplied: Thilo Krueger)



A close-up image of the trap on the predatory bladderworts, which it uses to trap and eat animals. (Supplied: Thilo Krueger)



The twining *utricularia helix* is endemic to the Esperance area. (Supplied: Thilo Krueger)

Mr Krueger is interested in a particular type of carnivorous plant called bladderworts, of the genus *Utricularia*, known as "the fastest moving predatory plant in the world" because of its system for trapping animals. The plant has an underwater bladder attached to its stem, which is surrounded by small hairs that act as trip-wires. When an animal moves past the trip-wire, it triggers the bladder to open and suck the prey inside. This happens in a fraction of a millisecond; more than 100 times more quickly than a Venus fly trap. The animal is then digested within the bladder structure.

What are the plants eating?

Mr Krueger plans to use a technique called DNA metabarcoding to work out what species of animal the plants are eating. Adam Cross, an ecologist from Curtin University, said that previous studies of the bladderwort's diet had involved looking at the traps under a microscope and trying to see what was there.

But he explained that as the traps are so small, and as much of the prey was partially digested, it was very difficult to determine visually.

But a DNA comparison should be much more accurate.

The first stage of this technique requires Mr Krueger to collect samples of the plant traps, which he did near Esperance last week.



The traps, which the plant uses to catch and eat small animals, are easily visible on stems fanning out from the plant. (Supplied: David Guilfoyle)



Thilo Krueger and Donna Beach look for bladderwort samples. (Supplied: David Guilfoyle)

He will then send them to a laboratory to sequence all the DNA found in the trap.

That will then be compared to a library of known animal DNA sequences, and hopefully reveal exactly what species are inside each trap. This will also allow them to compare the dietary differences between bladderwort species. Mr Krueger says the diets are likely to include small crustaceans, like ostracods, copepods and water fleas.

Low rainfall, farming runoff may threaten species. Donna Beach, an elder and ranger from the Esperance Tjaltjraak Native Title Corporation, is part of a team of local rangers helping Mr Krueger last week. She was excited to learn the unique species thrived on her country, Kepa Kurl Boodja, and was keen to help conserve them.

"This will create opportunities for rangers in the area and our organisations, to go out and study all the different wetlands in the Esperance region, [and ensure] the conservation factor of the plants," she said.

Mr Krueger believes that conservation work will be crucial, given the plants needed low-nutrient wetlands to survive, and these will likely suffer if rainfall reduced and high-nutrient runoff from farming properties made its way to their habitats.





The low-nutrient habitat around Esperance is ideal for bladderworts, as they get nutrients by eating animals. (*Supplied: David Guilfoyle*)

Esperance is known for soil that is poor in nutrients and Mr Krueger says that is why bladderworts have adapted to instead get their nutrients from animals.

While there are about 250 species globally, nine are found near Esperance, and two of them are endemic to the region.

"Most of these species we do have in cultivation, so people in botanic gardens for example do grow them," he said.

"But I would argue that the most important thing is really to make sure the plants are safe in their natural environment."

# MEETINGS

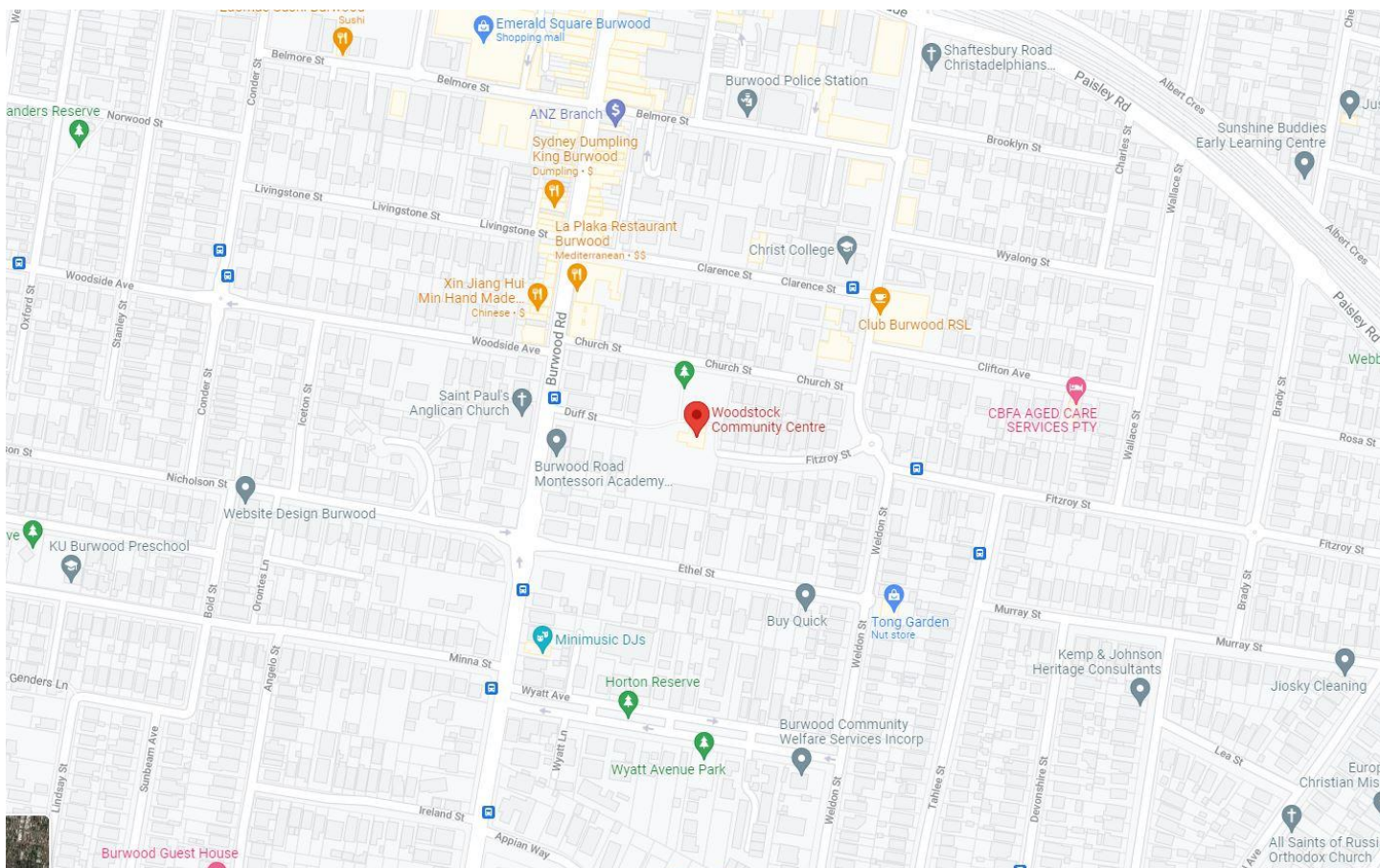
The Australasian Carnivorous Plant Society Inc. currently holds meetings in New South Wales and the Australian Capital Territory. Meetings are a great place for members and friends to socialise, share experiences, buy, swap, and sell carnivorous plants.

Meetings are friendly and informative and cater for the experienced grower or new collector to the hobby. Occasionally, we have guest presenters who will give a talk on their adventures discovering carnivorous plants in the wild, or how best to cultivate them in your environment.

We hope you can attend one of our meetings and enjoy the fellowship of other enthusiasts for these wonderful plants.

## **SYDNEY**

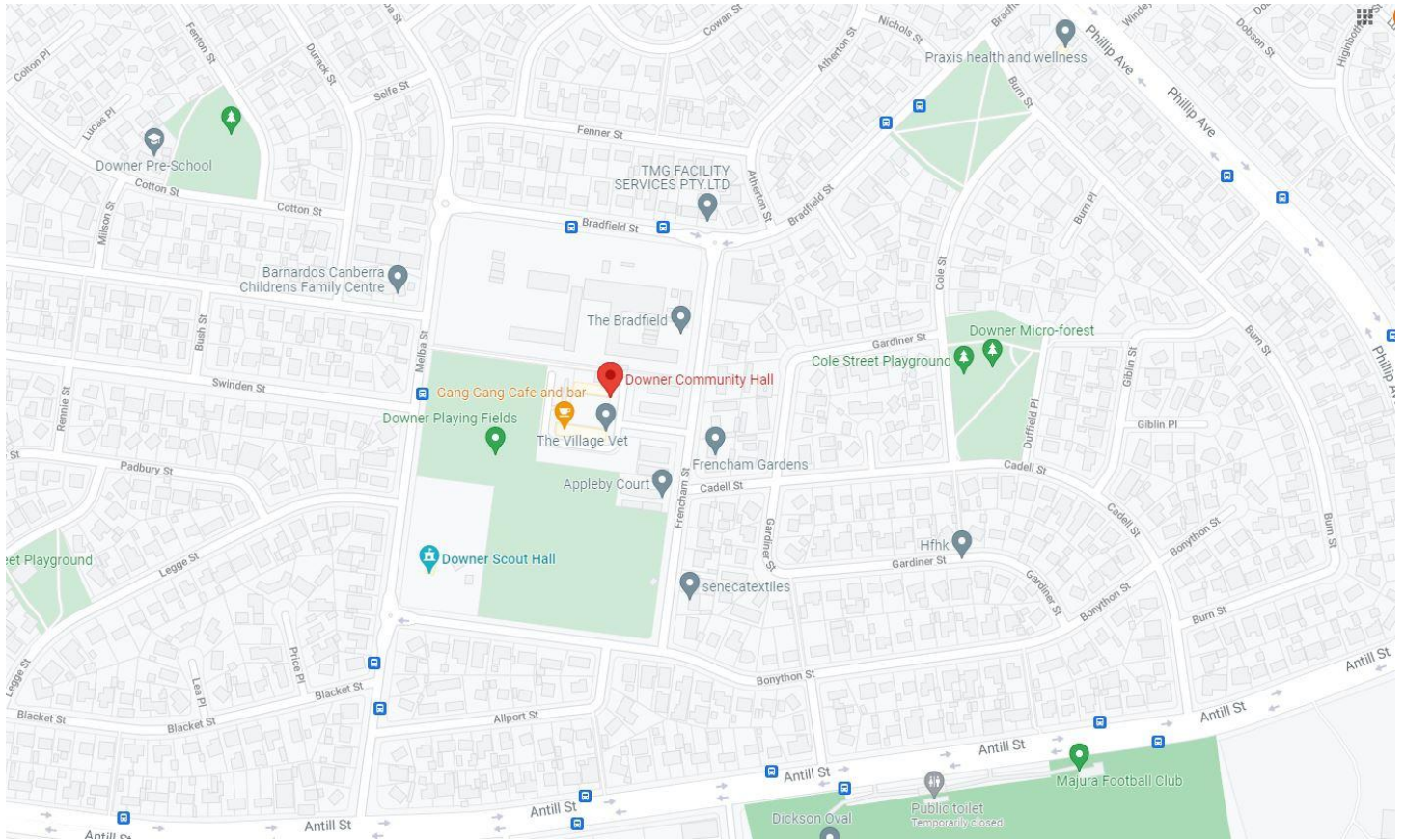
The Sydney chapter of the AUSCPS meets at 7:30 PM on the second Friday of each month at the Woodstock Community Centre, Church Street, Burwood, NSW. Free parking is available off Fitzroy Street. Public transport is available with Burwood train station about 1 kilometre to the north. Call Kirk on 0421 271 888 or David on 0410 643 531 if you have any questions about attending meetings.





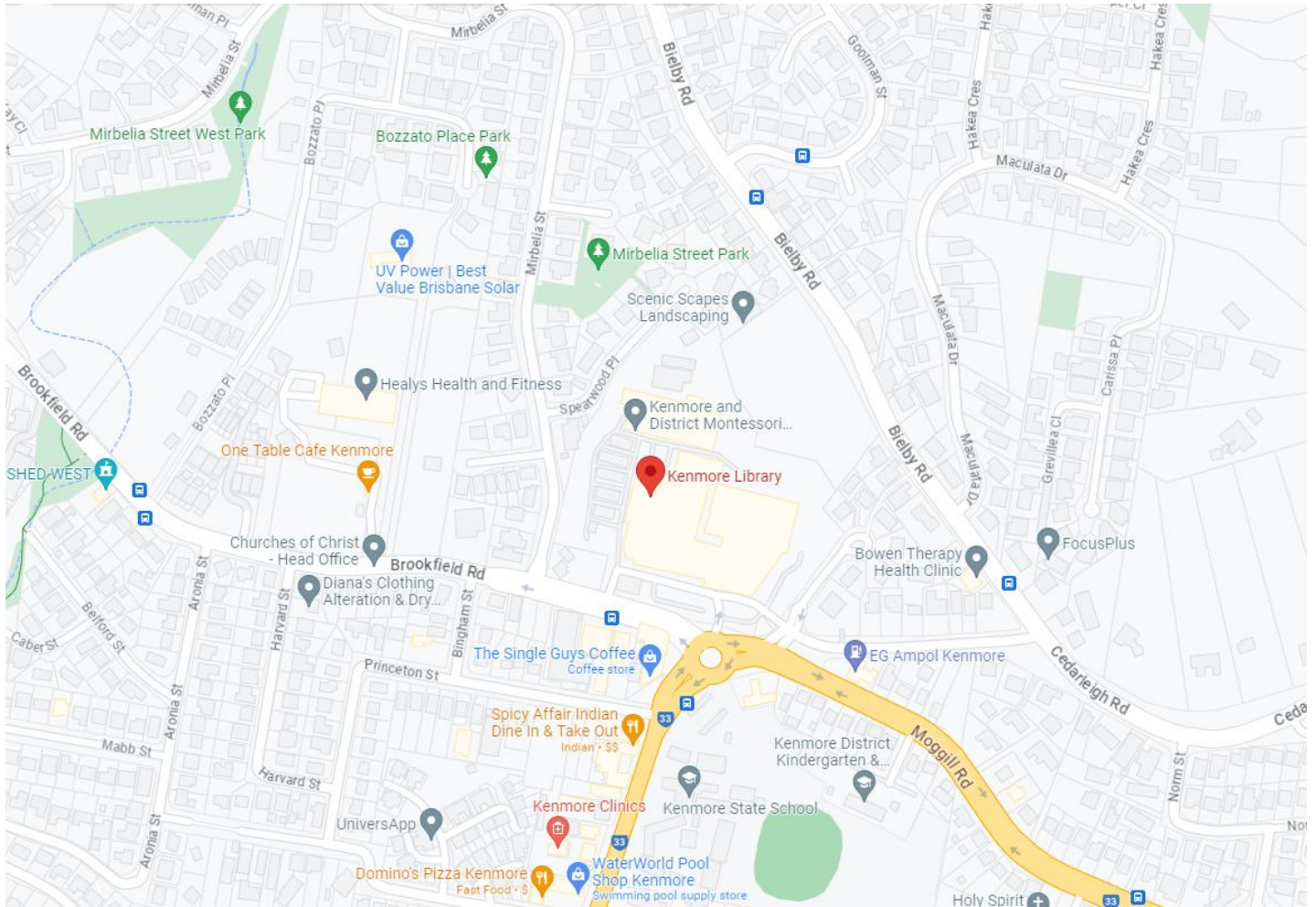
# CANBERRA

The Canberra chapter of the AUSCPS meets at 7:30 PM on the first Friday of each month at the Dickson Community Hall, Frencham Place, Downer, A.C.T. Call Robert if you have any questions about attending meetings on 0402 130 171.



# BRISBANE

The Brisbane chapter of the AUSCPS meets at 7:00 PM on a Wednesday once a month at the Kenmore Library, Kenmore Village, 9 Brookfield Road, Kenmore, QLD, 4069  
Please contact Alan at [alanjhaase@gmail.com](mailto:alanjhaase@gmail.com) for further details.





**MINUTES OF THE AUSTRALASIAN CARNIVOROUS PLANT SOCIETY INC.**

**HELD ON FRIDAY, 5<sup>th</sup> MAY, 2023**

**DICKSON COMMUNITY HALL, FRENCHHAM PLACE, DOWNER, A.C.T.**

Attendees: There were 11 attendees at the meeting.

The meeting opened at 7:30 PM.

The theme of the meeting was *Sarracenia leucophylla* and its hybrids.

Plants shown were:

Damian

*Sarracenia leucophylla* “Greg Bourke” (cf. Pink English see discussion below)

*Sarracenia leucophylla* x minor f Giant

*Sarracenia* “Colin Clayton AGM”

*Sarracenia leucophylla*

Paul Tye

*Pinguicula emarginata* x *weser*

*Heliamphora nutans*

John Nielsen

*Sarracenia leucophylla* “Pink English”

Ross Rowe

*Sarracenia alata* x *leucophylla* “Ocean Springs”

*Sarracenia* X *moorei*

Bastian

*Sarracenia rosea* Baldwin County

*Sarracenia alata*

Ross Hetherington

*Sarracenia oreophila* x *purpurea*

*Sarracenia Mitchelliana* x *leucophylla white top* x2

Cassie Rogers

*Sarracenia leucophylla* x 3

*Sarracenia* “Unknown hybrid” (*leucophylla*, *purpurea* and unknown)

The meeting noted that Cassie won for best carnivorous plant at the ACT Horticultural Society with a large Venus Fly Trap. The members congratulated her on this win.

Rod Hetherington with his *Sarracenia Mitchelliana x leucophylla white top* and John Nielsen with his *Sarracenia leucophylla* "Pink English" drew for plant of the month.

John Nielsen provided further information on the nomenclature of *Sarracenia leucophylla* "Pink English" versus "f. Greg Bourke" as follows:

John's pink clone of *Sarracenia leucophylla* is unique to Australia and originated from the late Ian and Carol English, both of whom were early members of the AUSCPS. They grew this outstanding plant from imported seed in the late 1970's and subsequently distributed it to AUSCPS members. Although it has previously been a fixture of society members' *Sarracenia* collections, it has virtually disappeared from Australian *Sarracenia* collections in recent years. John's plant was sourced via Gordon and Lyn Hanna in 2014 as a replacement for previous plants, specimens of which John circulated to other growers in an attempt to ensure its preservation. In 2012, John coined the cultivar name 'Pink English' for this clone and has referred to it with this name in the 11 years since on his website, the Pitcher Plantation. Pink English should take precedence over the name "f. Greg Bourke" applied to this plant by Triffid Park given long-term evidence of its use and as a tribute to the former society members who are responsible for its introduction to cultivation.

The meeting closed at approximately 9:30 PM. Next month's theme will be Tuberous *drosera* .

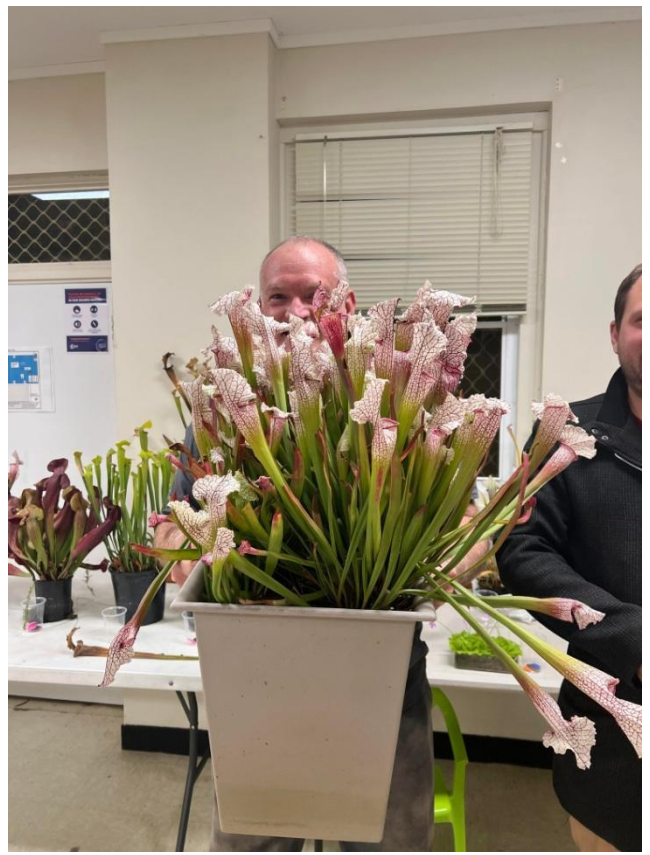
Robert Little  
Convenor







Plant of the Month - *Sarracenia* 'Pink English' -  
grown by John Nielsen



Plant of the Month - *Sarracenia* 'Mitchelliana' x  
*leucophylla* - grown by Ross Hetherington



**MINUTES OF THE AUSTRALASIAN CARNIVOROUS PLANT SOCIETY INC.**

**HELD ON WEDNESDAY, 17<sup>th</sup> MAY, 2023**

**KENMORE LIBRARY, KENMORE VILLAGE, 9 BROOKFIELD ROAD, KENMORE, QLD.**

The meeting opened at 7:00 PM

This was the first meeting after many years of dormancy (see what I did there?). Special thanks to Alan Haase for organising.



Brisbane chapter meeting at the Library



**MINUTES OF THE AUSTRALASIAN CARNIVOROUS PLANT SOCIETY INC.**

**HELD ON FRIDAY, 12<sup>th</sup> MAY, 2023**

**WOODSTOCK COMMUNITY CENTRE, CHURCH STREET, BURWOOD, NSW.**

The meeting opened at 8:10 PM

**PRESENT**

There were 28 members in attendance.  
Special welcome to Canberra chapter members

**APOLOGIES**

Helmut Kibellis, Robert Gibson and Kirk Hirsch

**MINUTES OF PREVIOUS MEETING**

The minutes of the 12<sup>th</sup> April, 2023 meeting were tabled. Those present were asked to confirm the accuracy of the minutes and to suggest changes, omissions or corrections. It was noted that the name given in the previous minutes be recorded as Paul Fisher.

Moved by: Marina Chong  
Seconded by: Bob Jurd  
Motion: Carried

**CORRESPONDENCE**

**Incoming:**

Gardens Club Newsletter.

**Outgoing:**

Printed Journals and numerous Field Guides

**TREASURER'S REPORT**

There is currently \$8007 in the Society's bank account, PayPal account, and various other sources.

**MEMBERSHIP REPORT**

There are currently 71 paid members.

## GENERAL BUSINESS

1. July hosts the AGM and a brief summary is in the Newsletter. We encourage members to apply.
2. The Clarendon Plant Fair was a huge success. Total sales are as per the email sent to the board with funds returned to the Society around \$1800 and the stall was about \$700. I Thank you to all the volunteers.
3. The Kariong Plant Lovers Fair is on Sat 16th and Sun 17th, September.
4. The Society has been approached to support the Wollondilly Shire Council garden expo. Enquiries will be made with them about attending.
5. The Sydney Field Guide has been released and we have sold close to 50 copies already. Work continues on the Cairns, Melbourne and Brisbane Field Guides.
6. David Colbourn is working on a Beginners guide to growing CPs, which will encompass all of the info in our cultivation guides. No release date on this one yet.
7. We are seeking nominations from current members. A separate nomination form plus a notice of an upcoming AGM is attached to this newsletter.
8. The Brisbane Chapter is recommencing next week.
9. The most recent journal has been posted
10. Website to be reviewed to better enable memberships to be processed online and to more easily track membership status.
11. Possible involvement in the Picton Show during late October 2023

### PLANT OF THE MONTH: *Nepenthes*

Plant of the Month was *Nepenthes smilesii* grown by Gareth Williams of Lithgow. (see front cover)

There was a good showing of plants by attendees with special advice given by Oliver Evans.

The meeting closed at 9:08 PM

The next meeting to be held at Burwood Community Centre on Friday 10<sup>th</sup> June 2023 starting at 7.30 PM, at which the plant of the month is *Cephalotus*, *Heliamphora* and carnivorous *bromeliads*.

.....  
David Colbourn

Date:

President





## IN THE GREENHOUSE

### **ALDROVANDA**

Plants will enter dormancy soon and survive winter as floating turion in cold climates.

### **BROCCHINIA / CATOPSIS**

Maintain high light levels and humidity. Fertilise with a diluted foliar application of urea free fertiliser.

### **BYBLIS**

*Byblis gigantea* and *B. lamellata* are now in active growth. Keep the soil moist to wet. Treat seed with Ga3 or smoke water and sow in early autumn.

The northern annual species of *Byblis* will soon finish their life cycle. Harvest seed.

Growth rates for all species of *Byblis* may be accelerated with increased prey capture or fertilisation. Place some rotting fruit around the plants or sprinkle granulated fish food onto the leaves. Pollinate the flowers using the “buzz” technique.

### **CEPHALOTUS**

Keep the soil moist but well drained. Avoid fungal problems by keeping good air movement around the plants. Leaf production will soon replace trap production.

### **DARLINGTONIA**

*Darlingtonia* will soon enter dormancy. Keep the plants cold to prolong the dormancy.

### **DIONAEA**

All VFTs will soon enter dormancy. Dead traps can be removed to allow top soil to breathe. Reduce water but keep moist.

### **DROSERA**

Tuberous *Drosera* begin to break dormancy. Increase watering and expose to bright or direct light. Treat seed with Ga3 or smoke water and sow in early autumn.

Pygmy *Drosera* begin to produce gemmae. Harvest and place the gemmae on a peat:sand mix (1:1). Mist spray until the tap root forms.

Other winter growing species such as *D. cistiflora* and *D. pauciflora* commence growth. Treat seed with Ga3 or smoke water and sow in early autumn.

Tropical and sub-tropical species will be in full growth and flower. Keep the soil very moist and keep the plants warm. Collect seed and sow onto a peat-based media.

Temperate *Drosera* such as *D. filiformis*, *D. intermedia* and *D. rotundifolia* enter dormancy and form a winter hibernacula.

### **DROSOPHYLLUM**

*Drosophyllum* will be in active growth. Growth rates increase with increased prey capture and the cooler weather. Seed may be sown now. Scarify the hard seed coat or pour boiling water over the seed for a few seconds and then soak in water for 24 hours before sowing.



## **GENLISEA**

*Genlisea* should be in flower and active growth. Keep warm and the water levels high.

## **HELIAMPHORA**

Keep plants in a bright and very humid location. Avoid temperatures over 30°C. Fertilise with a diluted foliar application of urea free fertiliser every 2-4 weeks.

## **NEPENTHES**

Autumn is a good time for *Nepenthes*. Aim to keep the lowland plants warm to hot and in high humidity. Highland species will enjoy the cooler nights. Mist in the afternoon to reduce air temperatures and increase humidity.

## **PINGUICULA**

Mexican species/hybrids begin to enter dormancy and produce small succulent rosettes. Reduce watering and humidity.

Warm-temperate species such as *P. primuliflora* and *P. lusitanica* will continue growth. Keep the water up to *P. primuliflora* and take leaf cuttings.

## **RORIDULA**

*Roridula* is in active growth. Flowering ends. Harvest any seed and sow in autumn. Keep the soil moist and place in a very bright and airy situation with low humidity.

## **SARRACENIA**

*Sarracenia* will soon enter dormancy. Leave the old trap on the plant. Keep moist.

## **UTRICULARIA**

Most terrestrial *Utricularia* will be in active growth and flower. Keep moist to wet. Aquatic *Utricularia* are in active growth. Keep algae under control.

Winter growing species, such as *U. multifida* and *U. menziesii* resume growth. Keep moist to wet.

Tropical *Utricularia* - Maintain higher temperatures, humidity and air movement. Keep soils moist.

## MERCHANDISE

### **CONTACT CARDS**

The Society now produces a business sized card with all our contact details. The cards are free and available for collection from our meetings. Members and visitors are welcome to take a handful of cards to distribute to other Carnivorous Plant enthusiasts.



### **BASEBALL CAPS**

Baseball caps printed with our logo on the front and name on the back are now available on order for \$35 each. To order, contact David at [auscps@gmail.com](mailto:auscps@gmail.com)



### **T-SHIRTS**

T-shirts printed with our logo on the front are available for \$35 each. These T-Shirts are a great way to promote and support the Society at functions and shows. To order the T-Shirts, contact David at [auscps@gmail.com](mailto:auscps@gmail.com).





### SMOKE DISCS

Smoke discs aid in the germination of difficult species of *Drosera*, *Byblis* etc., that often germinate after a bushfire. The discs are available for \$5.00 each at meetings or contact Marlon Maclean at [auscpseeds@gmail.com](mailto:auscpseeds@gmail.com)



### SEED BANK

Seed packets are \$1 each for members. Donations of seed are welcome. Please supply location data if available. Your Seed Bank Manager is Marlon Maclean at [auscpseeds@gmail.com](mailto:auscpseeds@gmail.com). The seed bank list is contained at the end of this newsletter.

### POTTING MIXES

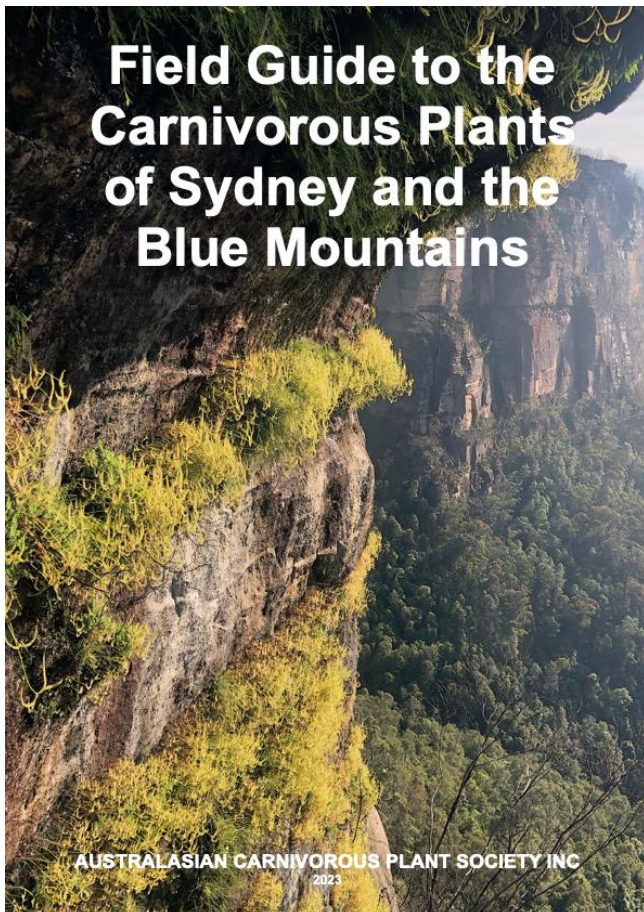
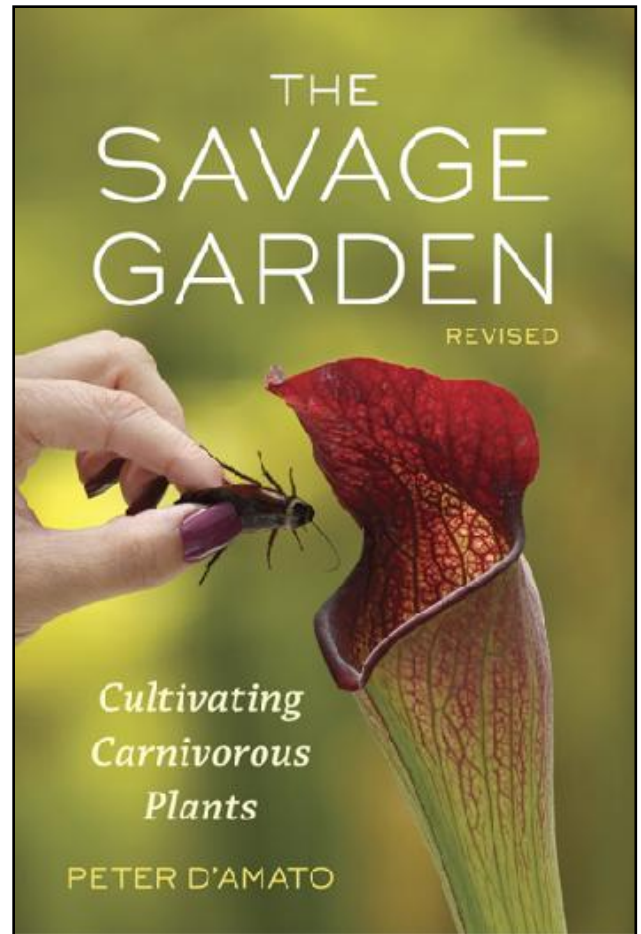
The Society is now selling assorted bags of Carnivorous Plant potting mix to members and friends. We have quality *Sphagnum* Peat Moss, Mexican *Pinguicula*, *Nepenthes* and *Sarracenia* mixes. Each bag is \$5 and may be purchased at meetings or events.



## THE SAVAGE GARDEN

The Society is also selling copies of the second edition of "The Savage Garden" for members and friends to purchase. The Savage Garden, by Peter D'Amato, is one of the best books dedicated to the cultivation of Carnivorous Plants, covering more than 300 species, gloriously illustrated with more than 200 colour photographs over 374 pages.

We are offering this book to members for \$35 and to non-members for \$40. The books may be purchased from Society meetings and events, or via PayPal and posted to anywhere in Australia for \$12. Contact David at [auscps@gmail.com](mailto:auscps@gmail.com) to order.



## FIELD GUIDE TO THE CARNIVOROUS PLANTS OF SYDNEY AND THE BLUE MOUNTAINS

Available now: email [auscps@gmail.com](mailto:auscps@gmail.com)

Members	\$5
Non-Members	\$10
EBay	\$20

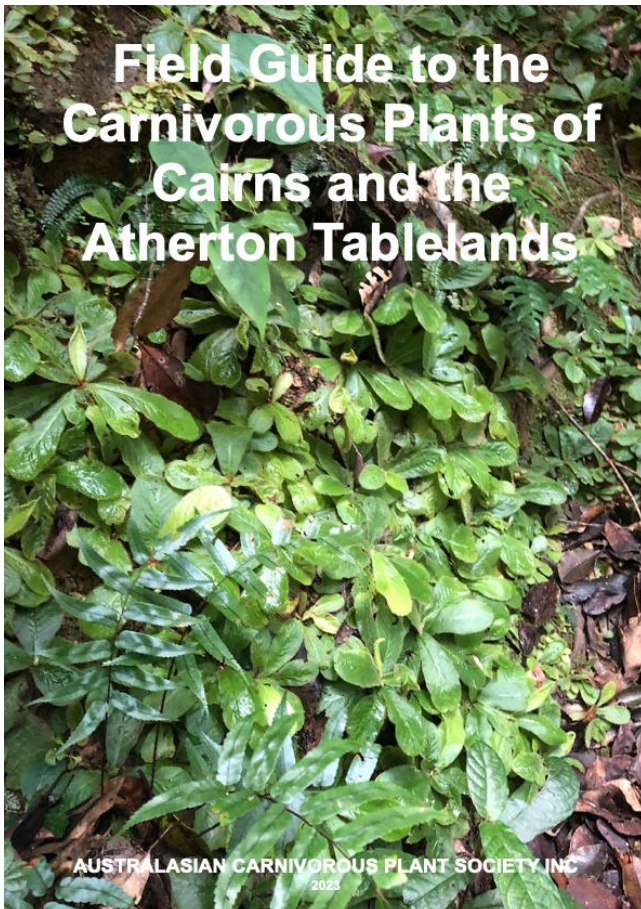
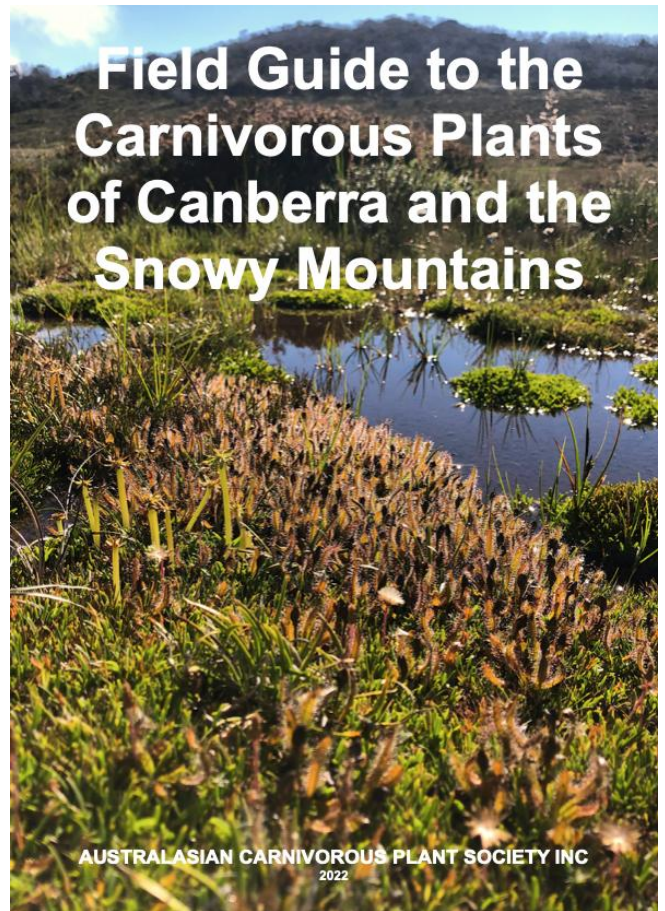


**FIELD GUIDE TO THE CARNIVOROUS PLANTS OF CANBERRA AND THE SNOWY MOUNTAINS**

Available now: email [auscps@gmail.com](mailto:auscps@gmail.com)

Members \$15

Non-members \$20



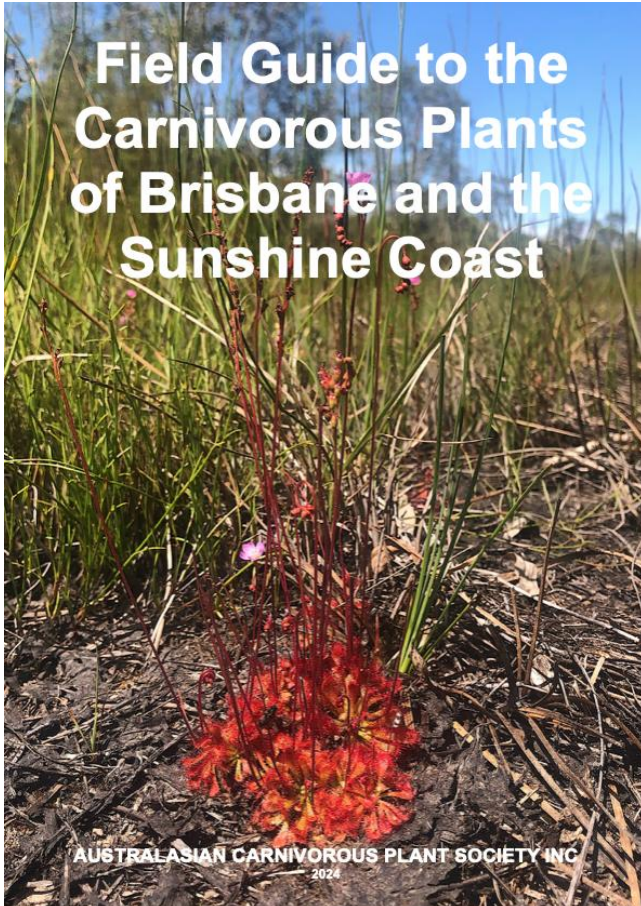
**FIELD GUIDE TO THE CARNIVOROUS PLANTS OF CAIRNS AND THE ATHERTON TABLELANDS**

To be released in 2023



**FIELD GUIDE TO THE CARNIVOROUS PLANTS  
OF MELBOURNE AND THE MORNINGTON  
PENINSULA**

To be released in 2023



**FIELD GUIDE TO THE CARNIVOROUS PLANTS  
OF BRISBANE AND THE SUNSHINE COAST**

To be released in 2024.



## SPONSORS

# TECH 2U

Internet Services

TECH 2U can be contacted via any of the following means:

**Postal Address:**

PO Box 21, Thornleigh, NSW, 2120

**Tel:** 1300 36 36 41 or 9499 7602

**Fax:** +61 2 9499 7603

Technical Contact:

[support@tech2u.com.au](mailto:support@tech2u.com.au)



[littlepotofhorrors@gmail.com](mailto:littlepotofhorrors@gmail.com)

SUPPLIER OF  
CARNIVOROUS PLANTS



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# AUSTRALASIAN CARNIVOROUS PLANT SOCIETY

## SEED BANK

GENUS	SPECIES	Sub-Species	Variety / Form	QUANTITY	LOCATION DATA	Harvest Date
<b>Catopsis</b>	berteroniana			15		Jan 2018
<b>Cephalotus</b>	follicularis			1		
<b>Cephalotus</b>	follicularis			10		
<b>Dionaea</b>	muscipula			5+	Goulburn	2017
<b>Dionaea</b>	muscipula			1		Mar 2017
<b>Drosera</b>	aliciae			19	OrangeKloof, RSA	
<b>Drosera</b>	auriculata			0	Picnic Point	Sep 2012
<b>Drosera</b>	auriculata			2		
<b>Drosera</b>	binata		T-form	5+	Triffid Park	Feb 2022
<b>Drosera</b>	binata	dichotoma		1	New Zealand	2020
<b>Drosera</b>	binata		multifida	6		Jan 2022
<b>Drosera</b>	burmannii		Castlereagh Red	10		
<b>Drosera</b>	burmannii			2		Mar 2018
<b>Drosera</b>	californica			0		
<b>Drosera</b>	capensis	alba		4		Jan 2018
<b>Drosera</b>	capensis	alba		11		Jan 2022
<b>Drosera</b>	capensis		Wide Leaf	11		
<b>Drosera</b>	capensis		Merry go Round	6		2020
<b>Drosera</b>	capensis			11		Dec 2018
<b>Drosera</b>	capensis			1	Gydo Pass	Dec 2020
<b>Drosera</b>	capensis			12		Jan 2022
<b>Drosera</b>	dielsiana		Pretty Rosette	0	South Africa	Nov 2020
<b>Drosera</b>	filiformis			4	East Maitland	Jan 2021
<b>Drosera</b>	filiformis		viridis	2		2021
<b>Drosera</b>	filiformis		rubriflora	1		2021
<b>Drosera</b>	filiformis			4	Old Dock, NZ	2020
<b>Drosera</b>	filiformis		floridana f. albiflora	1		2021
<b>Drosera</b>	finlaysoniana			6		
<b>Drosera</b>	glanduligera			4	Voyager Point	
<b>Drosera</b>	hirsata			0		Oct 2016
<b>Drosera</b>	hookeri			1		Dec 2018
<b>Drosera</b>	lanata			5	Dimbulah, QLD	2020
<b>Drosera</b>	lanata			27	Dimbulah, QLD	Dec 2021
<b>Drosera</b>	lanata			3	Dimbulah, QLD	2022
<b>Drosera</b>	natalensis		Pink Flower	1		November 2020



# AUSTRALASIAN CARNIVOROUS PLANT SOCIETY

## SEED BANK

GENUS	SPECIES	Sub-Species	Variety / Form	QUANTITY	LOCATION DATA	Harvest Date
<b>Drosera</b>	natalensis			3		
<b>Drosera</b>	peltata			2	Dubbo	July 2012
<b>Drosera</b>	x snyderi			10		Oct 2017
<b>Drosera</b>	spatulata			4	Heathcote	
<b>Drosera</b>	yilgariensis			8		2020
<b>Ibicella</b>	lutea			2		
<b>Mimosa</b>	pudica			3		
<b>Nepenthes</b>	ventricosa x sibuyanensis			4	Northern Beaches	January 2022
<b>Sarracenia</b>	leucophylla		Open Pollinated (Owen O'neill)	100+		June 2019
<b>Sarracenia</b>	leucophylla Clone A x Clone F Hurricane Creek			0	Baldwin County	Feb 2021
<b>Sarracenia</b>	leucophylla Tall Shapely x White Petiole Hurricane Creek			0	Baldwin County	Feb 2021
<b>Sarracenia</b>	leucophylla x purpurea x minor		Open Pollinated	4		
<b>Sarracenia</b>	mixed			2		Feb 2019
<b>Sarracenia</b>	purpurea		Open Pollinated	17		2019
<b>Sarracenia</b>	purpurea ssp. purpurea var. rupicola			0	Ontario Canada	

## LIBRARY

The AUSCPS Library is managed by Glenn Carson. Members may borrow journals and books for free by placing a small monetary deposit as security. Please contact Glenn at [glenncarson@iinet.net.au](mailto:glenncarson@iinet.net.au) to organise your loan or to donate books.

## BOOKS

Title	Author	Published
Carnivorous Plants	Randall Schwartz	1974

## BOOKS

The World of Carnivorous Plants	James & Patricia Ann Pietropaolo	1974
Carnivorous Plants	Francis Ernest Lloyd	1976
Carnivorous Plants of United States and Canada	Donald E. Schnell	1976
Nepenthes of Mount Kinabalu	Shigeo Kurata	1976
Plants of Prey	Rita Erickson	1978
Carnivorous Plants	Adrian Slack	1979
Carnivorous Plants	Gordon Cheers	1983
Carnivorous Plants 'The Royal Horticultural Society'	Paul Temple	1988
The Guide to Carnivorous Plants	Alastair Culham	1988
Carnivorous Plants Care and Cultivation	Marcel Lecoufle	1993
Plantes Carnivores	Gerard Blondeau	1996
Carnivorous Plants	Tony Camilleri	1998
Gardening with Carnivores	Nick Romanowski	2002
Growing Carnivorous Plants	Barry Rice	2006
Glistening Carnivores	Stewart McPherson	2008
The Savage Garden 2nd Edition	Peter D'Amato	2013
Carnivorous Plants of Australia - Magnum Opus Volumes 1, 2 & 3	Allen Lowrie	2013
Cultivating Carnivorous Plants	Natch Greyes	2015
Darlingtonia - The California Pitcher Plant	Natch Greyes	2019
Field Guide to the Carnivorous Plants of Sydney and the Blue Mountains	AUSCPS	2019
Carnivorous Plants of the World in Color - Japanese	Katsuhiko & Masahiro Kondo	



## JOURNALS

Society	Journal Name	Editions
Associaziane Italian Plante Carnivore	AIPC News	2002 - 2009
Australian Carnivorous Plant Society Inc.	Bulletin of the ACPS	1982 - 2003
Australasian Carnivorous Plant Society Inc.	Carniflora Australis	2012 - 2021
Belgian Carnivorous Plant Society	Drosera vzw	2003 - 2013
Carnivorous Plant Society of North Queensland	Journal of the CPSoNQ	1995 - 1996
Czech Carnivorous Plant Society	Adela	1996
Darwiniana	Trifid	2008 - 2015
Das Taublatt		January 2020
Dutch Carnivorous Plant Society	Carnivora	1997 - 2016
Friends of the Gardens	The Gardens	2005 - 2009
Gesellschaft fur Fleischfressend Pflanzen	Rundbrief	1997 - 2007
Insectivorous Plant Society (of Japan)	The Journal of the Insectivorous Plant Society	1990 - 2017
International Carnivorous Plant Society	Carnivorous Plant Newsletter	1978 - 2021
Japanese Insectivorous Plant Society	Journal of the JIPS	1995 - 2016
Japanese Carnivorous Plant Society		1992 - 2012, 2020 - 2021
Karnivoren-Fachzeitschrift der G.F.P.	Das Taublatt	1991 - 2008
New Zealand Carnivorous Plant Society	Stenopetala	1985 - 2007
Rundbrief		January 2020
Species Orchid & Carnivorous Plant Society of the Illawarra	Journal of the SPCPI	1997 - 2010
The Carnivorous Plant Society (of the United Kingdom)	CPS News	1990 - 2016
The Garden Clubs of Australia	Our Gardens	1999 - 2021
Victorian Carnivorous Plant Society	Journal of the VCPS	1997 - 2021

## CONTACT US



**0421 271 888**

**0410 643 531**



**Australasian Carnivorous Plant Society**



**[www.auscps.com/](http://www.auscps.com/)**



**<http://auscps.wordpress.com/>**



**[auscps@gmail.com](mailto:auscps@gmail.com)**



**PO BOX 70,  
BURWOOD,  
N.S.W. 1805**



# MEMBERSHIP FORM

The Australasian Carnivorous Plant Society Inc. is a non-profit organisation formed in December 2002 to promote the education, cultivation and conservation of carnivorous plants. The Society formed from the New South Wales Carnivorous Plant Society Inc. which was established in 1986 and produced the journal *Flytrap News*.

Annual membership entitles you access to our subsidised seed bank and merchandise, ability to sell plants at official stalls at which the society participates, free entry to our Annual Show competition, monthly E-newsletters, and two editions of ***Carniflora Australis***, our high quality biannual journal. Membership is \$35 per year, however if you wish to receive electronic versions of the journal, membership is only \$25 per year (valid email address is required). Payment options are detailed below:

## CASH, MONEY ORDER OR CHEQUE

Please send your money order or cheque, made out to AUSTRALASIAN CARNIVOROUS PLANT SOCIETY INC., along with the completed form below to:

Membership Secretary  
Australasian Carnivorous Plant Society Inc.  
PO Box 70, Burwood, NSW 1805 AUSTRALIA

## DIRECT DEPOSIT

Banking details are below. Please add your email address and name as payment reference. Alternatively, email the Membership Secretary at [auscps@gmail.com](mailto:auscps@gmail.com) to advise of your payment and attach the completed form below:

Acc. Name: Australasian Carnivorous Plant Society Inc.  
Acc. BSB: 112879  
Acc. Number: 195074412  
Ref: Use your name and email address

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Use the "Send Money" tab to make your payment. Use the current PayPal email address [auscps@gmail.com](mailto:auscps@gmail.com). Set your fee (depending upon membership option). *Add your name, mailing address, email address and phone number in the notes tab.* You will receive an automatic receipt from PayPal.

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Membership Type (please circle):	<b>New</b>	<b>Renewal</b>			
Journal Type (please circle):	<b>Printed - \$35/yr</b>	<b>Electronic - \$20/yr</b>			
Membership Period (please circle):	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>
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*Nepenthes truncata* - photo by Robert Gibson