

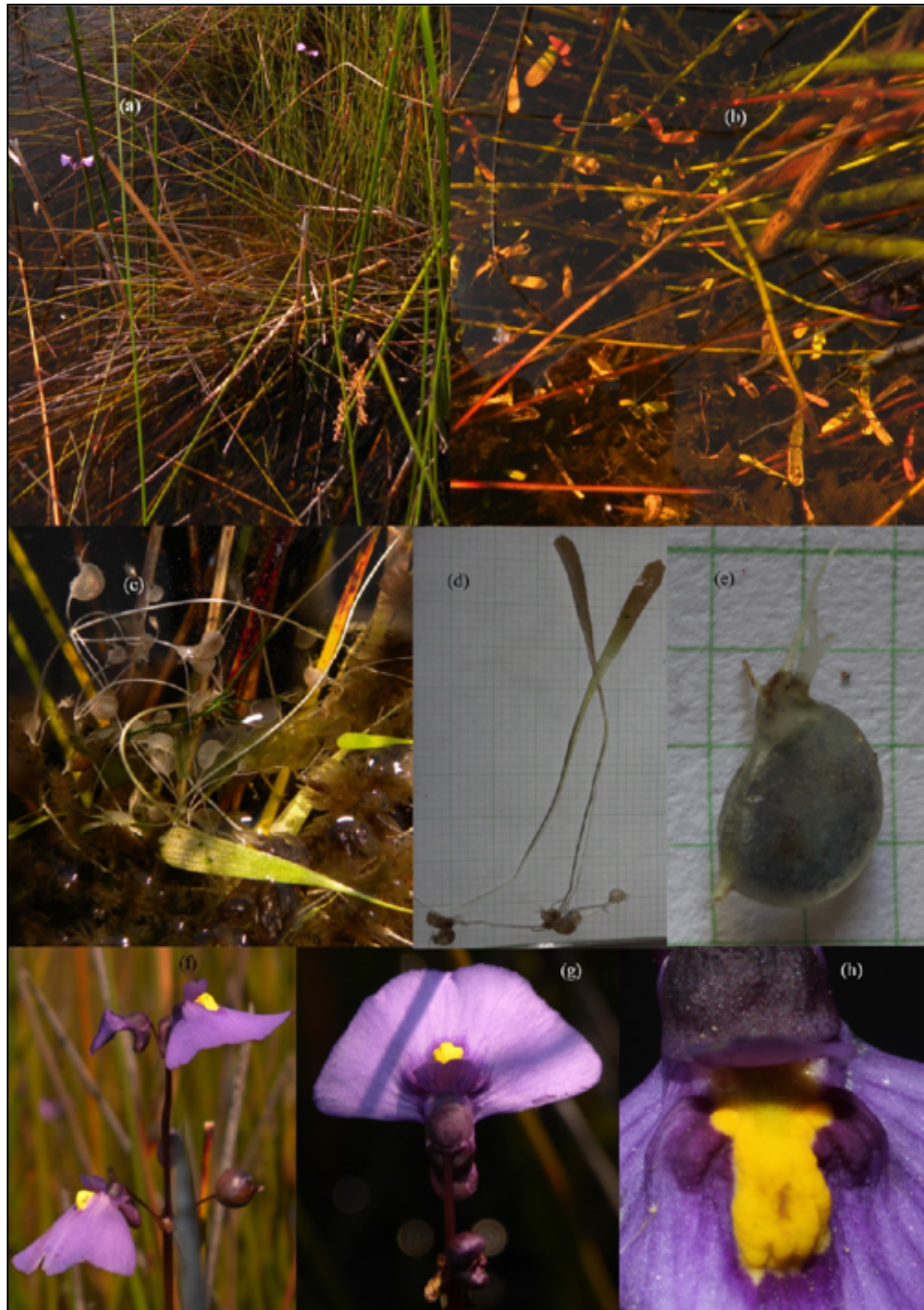


THE AUSTRALASIAN CARNIVOROUS PLANTS SOCIETY INC.

CARNIFLORA NEWS

A.B.N. 65 467 893 226

April 2020



Utricularia speciosa. Photographed by Robert Gibson



Dionaea muscipula. Photographed by David Colbourn

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

The current committee of the Australasian Carnivorous Plant Society Inc. comprises:

COMMITTEE

President - Wesley Fairhall
wesleyfairhall7@gmail.com

Vice President - Vacant

Treasurer - David Colbourn
davecolbourn@gmail.com

Secretary - Kirk 'Fuzzy' Hirsch
mijmark@ihug.com.au

General Committee Member - Sean Polivnick
spolivnick@hotmail.com

DELEGATES

Journal Editor - Dr. Robert Gibson

Sydney Coordinator - Wesley Fairhall
wesleyfairhall7@gmail.com

Newsletter Editor - David Colbourn
davecolbourn@gmail.com

Sydney Coordinator - Kirk Hirsch
mijmark@ihug.com.au

Public Officer - Kirk Hirsch
mijmark@ihug.com.au

Brisbane Coordinator - Vacant

Website Manager - Marina Chong

Brisbane Coordinator - Vacant

Social Media Manager - Glen Moss

Canberra Coordinator - Robert Little

Merchandise Manager - David Colbourn
davecolbourn@gmail.com

Canberra Coordinator - Chris Duffy

Events Coordinator - Vacant

Library Manager - Glenn Carson
glenncarson@iinet.net.au

Seed Bank Manager - Ian Woolf
iwoolf@gmail.com

CALENDAR

APRIL

3rd April 2020 - AUSCPS meeting - Canberra - Cancelled
10th April 2020 - AUSCPS meeting - Sydney - Cancelled

MAY

1st May 2020 - AUSCPS meeting - Canberra - Cancelled
8th May 2020 - AUSCPS meeting - Sydney - Cancelled
31st May 2020 - AUSCPS swap meet - Brisbane - TBC

JUNE

5th June 2020 - AUSCPS meeting - Canberra Pygmy *Drosera*, perennial *Byblis* & *Roridula*
12th June 2020 - AUSCPS meeting - Sydney featuring *Cephalotus* and *Heliophora*

JULY

3rd July 2020 - AUSCPS meeting - Canberra featuring *Sarracenia* and *Darlingtonia*
10th July 2020 - AUSCPS meeting - Sydney (AGM) featuring Winter growing *Drosera*

AUGUST

7th August 2020 - AUSCPS meeting - Canberra - Pests, diseases, terrariums & lights.
14th August 2020 - AUSCPS meeting - Sydney featuring *Pinguicula*

SEPTEMBER

4th September 2020 - AUSCPS meeting - Canberra - *Drosera* workshop;
Canberra region carnivorous plants.
11th September 2020 - AUSCPS meeting - Sydney featuring *Nepenthes*

OCTOBER

2nd October 2020 - AUSCPS meeting - Canberra - The world of carnivorous plants.
9th October 2020 - AUSCPS meeting - Sydney featuring Summer growing *Drosera*

NOVEMBER

6th November 2020 - AUSCPS meeting - Canberra - *Nepenthes*; *Sarracenia* display
13th November 2020 - AUSCPS meeting - Sydney - *Sarracenia* and *Darlingtonia*
TBA - VCPS annual show, Collector's Corner, Melbourne
TBA - Triffid Park open day

DECEMBER

TBA- VCPS annual show, Collector's Corner, Melbourne
4th December 2020 - AUSCPS meeting - Canberra - Christmas Party
11th December 2020 - AUSCPS - Sydney - Annual Show

JANUARY

1st January 2021 - AUSCPS meeting - Canberra
8th January 2021 - AUSCPS meeting - Sydney featuring *Dionaea* (VFT)

FEBRUARY

7th February 2021 - AUSCPS meeting - Canberra
14th February 2021 - AUSCPS meeting - Sydney *Utricularia*, *Aldrovanda* & *Genlisea*

MARCH

5th March 2021 - AUSCPS meeting - Canberra featuring Carnivorous Plants 101
12th March 2021 - AUSCPS meeting - Sydney *Byblis*, *Drosophyllum* & *Roridula*
TBA - Collectors' Plant Fair, Clarendon, N.S.W.

NEWS

CORONAVIRUS PRECAUTIONARY MEASURES

With the emergence of the Coronavirus and increasing restrictions put on social gatherings, the Committee of the AUSCPS decided to cancel all meetings until further notice. News about the Society and any announcements will be published via our Facebook site and this newsletter. The AUSCPS Executive thanks you for your understanding and is happy to answer any queries you may have in relation to this announcement.



ROYAL EASTER SHOW CANCELLED

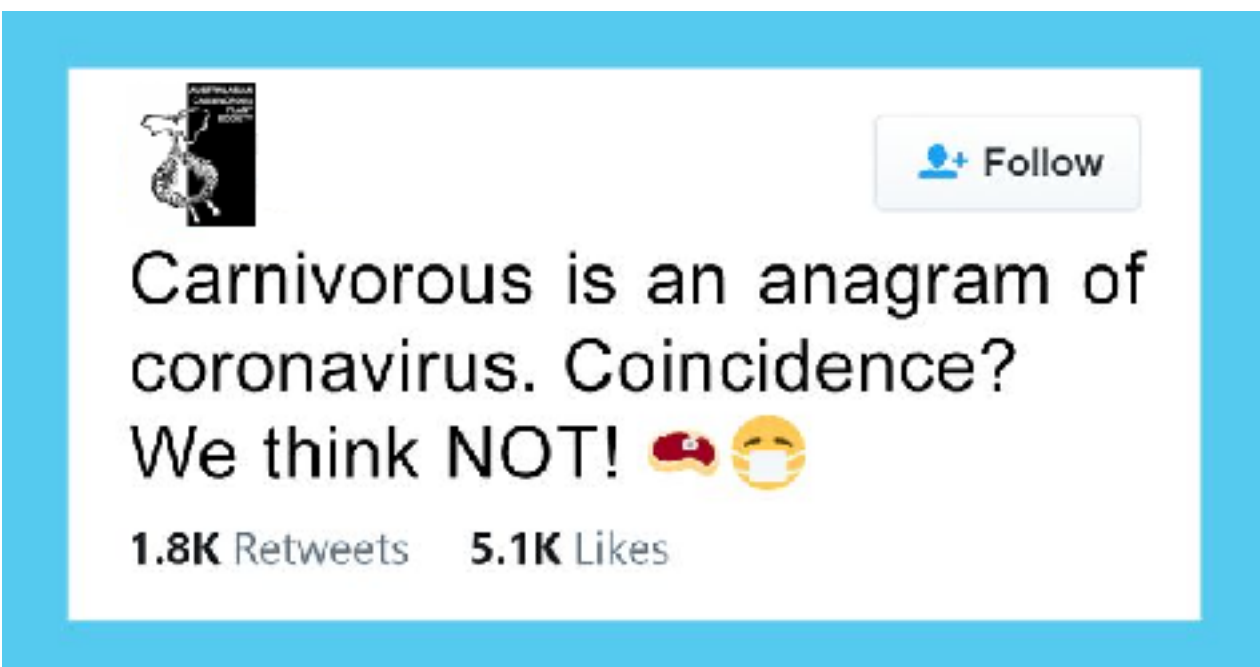
The AUSCPS is the sponsor of the Carnivorous Plant competition at the Royal Easter Show in Sydney. Due to recommendations from the Federal Government, the RES has been cancelled for 2020. We apologise for the inconvenience and look forward to sponsoring the event in 2021.

COLLECTOR'S PLANT FAIR POSTPONED

The AUSCPS was to hold a stall at the Collector's Plant Fair in Clarendon over the weekend of 28-29th March 2020. This event has been suspended due to the risk of Coronavirus spread. Stay tuned for announcements on when this event will resume.

OLD BUS DEPOT MARKET

The Canberra branch of the AUSCPS has decided not to attend the Old Bus Depot Markets until further notice. We apologise for any inconvenience.



MEMBERSHIP RENEWAL

Membership of the Australasian Carnivorous Plant Society Inc. (AUSCPS) is due now. Membership to the Society 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!

Membership entitles you to two editions of our journal, *Carniflora Australis*, 12 editions of our monthly newsletter, *Carniflora News*, subsidised seed from our seed bank, discounts on books and other merchandise, access to our free library and access to sell plants at fairs and events attended by the Society. A membership form is attached to this newsletter with instructions on how to make payment.

NOMINATIONS FOR THE COMMITTEE

Our A.G.M. is planned for the July 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. The next newsletter will contain instructions on how to nominate members for the listed positions. 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 listed below:

President - The President oversees all of 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 shall ensure that records of the rules of the Society, the register of members, 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. The Secretary will need good organisational and communication skills.

VICE PRESIDENT POSITION

Our Vice President, Barry Bradshaw has reluctantly resigned from his position due to a number of factors. The position will remain vacant until elections are held in the near future. The Society would like to thank Barry for his work to commence meetings in Canberra and build a team around him that has grown to become a strong and active branch. His efforts have greatly expanded the awareness of Carnivorous Plants in the region and has seen a number of new members to the Society.

CARNIFLORA AUSTRALIS

The March 2020 edition of *Carniflora Australis* is out this month. This edition features articles on:

The Wonderful World of Carnivorous Plants—workshop in Canberra (13 Oct. 2019)

Sarracenia x excellens,

Drosera spatulata flower colour,

Utricularia praelonga,

Drosera schmutzii, and

A review of the 'Field Guide to the Carnivorous Plants of Sydney and the Blue Mountains'.

VFT COMPETITION

The AUSCPS is sponsoring a competition to find the largest VFT trap this season. The competition is being hosted on Facebook and is open to residents of Australia. Entrants need to post a picture of their largest trap with a ruler in front of it. The largest trap will be measured from the base of the widest teeth on each trap. The winner will receive a \$50 Bunnings Gift Card. Competition closes on 31/5/2020. To enter, simply post a photo of your trap to the competition post on our Facebook Page, or email your photo to auscps@gmail.com where it will be uploaded.

CARNIVOROUS PLANT NEWSLETTER

The March 2020 journal of the International Carnivorous Plant Society is out now. This journal contains articles on:

ICPS Conference update,

Drosera coalara links *Drosera citrina* with *Drosera nivea*,

In pursuit of Mexican *Pinguicula*,

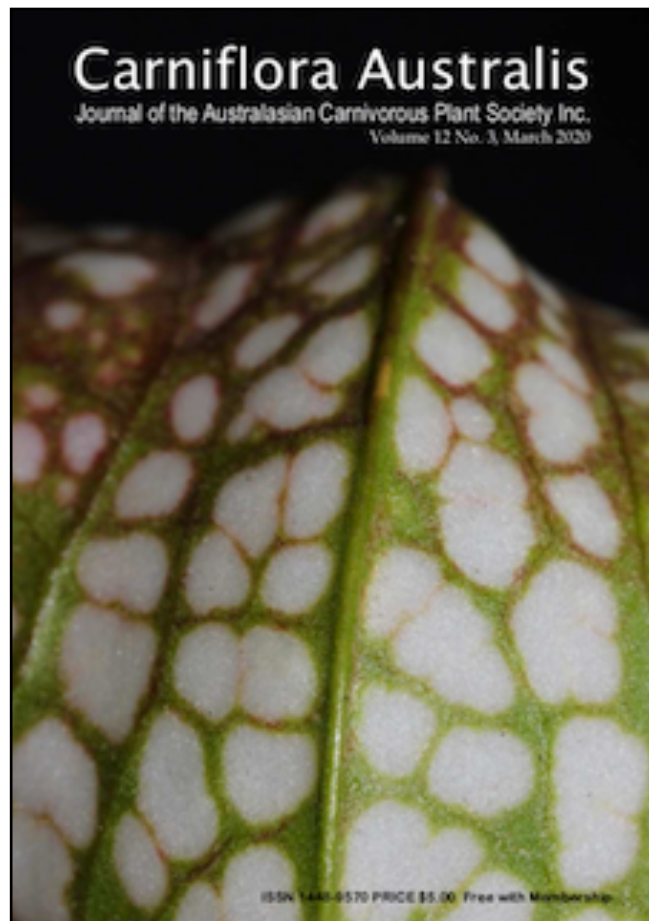
Carnivorous Plants of the Western Australian granite outcrops,

Growing *Genlisea*,

Butterflies love *Sarracenia*, and New cultivars.

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 auscps@gmail.com



FIELD GUIDE

The Field Guide to the Carnivorous Plants of Sydney and the Blue Mountains was released on the 13th December and is now available for sale. The RRP is \$15. Members may purchase the guide for \$10 (limit of 2 copies per member). The guide may be purchased from meetings and events, and will also be available on eBay. Sales have been strong with orders from around the country and internationally.

REVISION OF UTRICULARIA DICHOTOMA COMPLEX

Richard Jobson and Paulo Baleeiro have been working on the morphologically and ecologically variable group of taxa included in the *Utricularia dichotoma* complex. Their work has just been published in Australian Systematic Botany. They examined 296 populations representing all known taxa in Australia and New Zealand. They conclude *Utricularia dichotoma* to be arranged into 8 sub-species and the upgrading of two sub-species to specific status (*U. oppositiflora* and *U. speciosa*), and the reduction of two species (*U. monanthos* and *novae-zelandiae*) to sub-species.

The eight sub-species of *U. dichotoma* are:

U. dichotoma ssp. *dichotoma*,

U. dichotoma ssp. *aquilonia*,

U. dichotoma ssp. *fontana*,

U. dichotoma ssp. *maritima*,

U. dichotoma ssp. *monanthos*,

U. dichotoma ssp. *novae-angliae*,

U. dichotoma ssp. *novae-zelandiae*,

U. dichotoma ssp. *oxleyensis*.

<https://www.publish.csiro.au/sb/content/allissues>

RECOMMENCEMENT OF THE LIBRARY

The Society has a vast collection of journals from around the world along with a selection of books about carnivorous plants. As such we are bringing back our library available to members on a trial basis. It is expected the library will visit our branches on a rotation basis. If you have any books that you would like to donate, please contact your branch co-ordinators or David at auscps@gmail.com

Thank you to Elan Chesher who donated the three volume set of Allen Lowrie's Carnivorous Plants of Australia - Magnum Opus



TWO PITCHER PLANT SPECIES FOUND IN SYDNEY

In January of this year two species of pitcher plants were discovered growing near Sydney Harbour. Five individual specimens of *Cephalotus follicularis* and three *Nepenthes* plants have been found growing on a shaded cliff face overlooking Middle Harbour on Sydney's north shore. The *Nepenthes* has not be identified at this stage but is likely to be a hybrid.

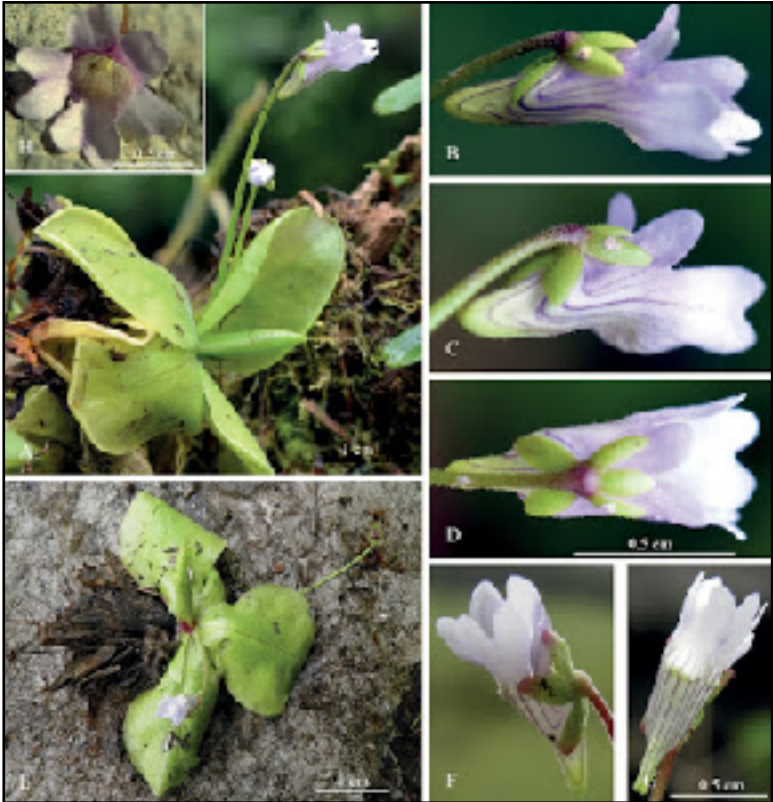
All specimens appear to have originated from seed and range in age from one to three years. The cliff is linked to a perennial seep and supports a variety of terrestrial orchids, ferns and *Drosera* (*spatulata* and *binata* var. *dichotoma*).

The plants grow vertically in moss covered peat held to the cliff face by the roots of surrounding vegetation and cover an area of about 6 square meters. At this stage the location of the plants will be kept secret with further exploration required to determine the extent of the populations.



NEW PINGUICULA SPECIES

The insectivorous genus *Pinguicula* occurs along the whole Andean mountain chain from Colombia-Venezuela in the north to Tierra del Fuego in the south with a short interruption in the Peruvian-Chilean desert range. This paper describes a **new** and striking **species** of *Pinguicula* that occurs in the south-eastern part of the Amotape-Huancabamba Zone in north Peru. It grows either as a lithophyte on moist rocks or as an epiphyte on *Polylepis multijuga* Pilg. in the wet highlands of the Cordillera Central. ***Pinguicula rosmarieae*** Casper, Bussmann & T.Henning, **sp. nov.** is clearly distinguished by a basal rosette of ovate-obovate leaves spread



out flat on the ground and especially by a two-partite corolla with a straight uniform tube-spur complex, two features unknown from other Andean *Pinguicula* species. The morphological similarity to *P. calyptrata* Kunth is discussed and the habitat and distribution of *P. rosmarieae* are characterised.

More information may be found at:

<http://novataxa.blogspot.com/2020/03/pinguicula-rosmarieae.html>

FUND RAISING RAFFLE

The winner of our fund raising raffle for Redfern Natural History's limited edition *Cephalotus* - the Albany Pitcher Plant is Oto Zubzanda. Congratulations and thank you to everyone for entering the raffle.



MEETINGS

The Australasian Carnivorous Plant Society holds meetings in Queensland, New South Wales and the Australian Capital Territory. Meetings are a great place for members and friends to socialise, share experiences, and 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 are able to attend one of our meetings and meet other enthusiasts for these wonderful plants.

SYDNEY

The Sydney chapter of the AUSCPS meets on the first Friday of each month at the Sydney Botanic Gardens. The meeting is held from 7:30pm to 9:30pm. This is a social event and is open to all. If you are interested in attending, please contact Michael Stillman on about 02 9531 1531 if you have any questions.

BRISBANE

The Brisbane chapter of the AUSCPS is looking to resume meetings. We will be hosting a social meeting on Friday 1st May 2020, between 12pm and 2pm, at the Artrageous Experience, 1000 Sturt Street in Deagon, Brisbane. Please say hello to Michael Stillman, who has organised the meet. Let him know if you are interested in attending meetings in the future.

CANBERRA

The Canberra chapter of the AUSCPS meets at 7:30pm on the first Friday of each month at the Downer Community Hall, Frencham Place, Downer, A.C.T. Call Barry if you have any questions about attending this meeting (0417 219477).

MEETINGS IN PERTH

The AUSCPS has been informally seeking interest from members and friends in Western Australia to participate in the establishment of meetings in the Perth area. We have received significant interest from people wanting to attend such meetings on a regular basis. The Committee has given approval to formally seek a team of members to find a suitable venue and commence monthly meetings under the banner of the AUSCPS. To date, no one has made themselves available. If you would like to be involved in the commencement and establishment of meetings in Perth, please contact David at auscps@gmail.com.

MINUTES

MINUTES OF THE AUSTRALASIAN CARNIVOROUS PLANT SOCIETY INC. HELD ON FRIDAY, MARCH 5th 2020 DOWNER COMMUNITY CENTRE (DCC), CANBERRA, ACT

The meeting opened at 7.30 pm

PRESENT

There were 16 members and guests in attendance.

APOLOGIES

Chris Duffy.

GENERAL BUSINESS

Money collected from the meeting included \$29.25 in gold coin donations, \$10 in book sales (1 x field guide), \$20 membership subscription, and a \$5 potting mix sale.

The Canberra Branch now holds \$1125 in funds raised – note that \$72 from revenue is allocated to venue hire for the January, February and March meetings leaving a sub-total of \$1053.

BUSINESS ARISING

The meeting began with a welcome to members and guests.

The highlight of the meeting was a workshop on Carnivorous 101 (cultivation basics), with Barry Bradshaw providing an overview of the fundamentals of growing carnivorous plants. Some key points included: understand the conditions the plants grow in and try to replicate these in your cultivation; do some research on recommended ways to grow the plants; don't change the way you grow your plant if it is thriving just because



someone tells you that's not the best way to grow them (i.e. if it ain't broke don't fix it); don't give up if your first attempt at growing a challenging plant fails; remember sometimes plants will come back from the brink so generally give them a year to recover if their growth has declined; and quarantine your sick plants from the rest of the collection until they are healthy again.

General Business included: a reminder that the next Old Bus Depot Market Stall is on March 15th; correspondence from the Friend of the Arboretum asking if we would be interested in participating in their community day on May 2nd; and a discussion on the Society's web site refresh and social media presence. Damian Porombka has volunteered to be the Society Social Media Manager, and Thai Lee and Justin May have volunteered to redesign the Society website. Barry Bradshaw will keep the committee up to date on progress and issues with the web site redevelopment. Damian has requested that all members be asked to provide content (photos, videos, posts) for the Facebook and Instagram pages through the monthly newsletter.

PLANT OF THE MONTH

The following plants were bought in for the 'Plant of the Month' competition.

1. *Nepenthes (ventricosa x sibuyanensis) x truncata* large red – grown by Barry Bradshaw
2. *Nepenthes ampullaria* – grown by Bastien Small
3. *Sarracenia purpurea* – grown by Damian Porombka
4. *Sarracenia* x Scarlet Belle – grown by Damian Porombka
5. *Sarracenia* unknown hybrid – grown by Damian Porombka
6. *Dionaea muscipula* "Big tomato" – grown by Damian Porombka
7. *Sarracenia mitcheliana x leucophylla* 'white top' – grown by Robert Little
8. *Sarracenia* unknown hybrid – grown by Robert Little
9. *Sarracenia psittacinia* – grown by Monica Kempster
10. *Sarracenia purpurea* – grown by Monica Kempster

The winner was *Nepenthes ampullaria* grown by Bastien Small – Bastien is the winner of the \$10 Bunnings card (to be provided at the next meeting).

The meeting closed at 10.30 pm. The next meeting will be held at the Downer Community Centre on Friday April 3rd 2020 at 7.30pm – the meeting theme will be *Utricularia*, *Aldrovanda* and *Genlisea*.



MINUTES OF THE AUSTRALASIAN CARNIVOROUS PLANT SOCIETY INC.
HELD ON FRIDAY, 13TH MARCH, 2020
WOODSTOCK COMMUNITY CENTRE, CHURCH STREET, BURWOOD

The meeting opened at 8.06 p.m.

PRESENT

There were 16 members in attendance.

APOLOGIES

Ian Woolf, Andrew Robson, Joan Fairhall, Cieran Nagle, Brett Daly, Glenn Carson, and Simone Holland.

MINUTES OF PREVIOUS MEETING

The minutes of the 14th February 2020 meeting were tabled. Those present were asked to confirm the accuracy of the minutes and to suggest changes, omissions or corrections. In the absence of any corrections, omissions or corrections a motion was raised that the minutes be accepted.

Moved by: Kirk S. Hirsch

Seconded by: Marina Chong

Motion: Carried

BUSINESS ARISING

- 1) The Collectors' Plant Fair has been postponed due to the current closure of events of 500 people or more due to Covid-19. The event was to be held on the weekend of 28th & 29th March 2020. We will advise when the event may be held once the Society hears such news.
- 2) Similarly, the Royal Easter Show for 2020 has been cancelled. Thus, there will be no carnivorous plant competition there this year.

CORRESPONDENCE

In-coming

Our Gardens current magazine

Out-going

None

TREASURER'S REPORT

Going Well. Total funds: \$6974.00

MEMBERSHIP

There are 72 current members, and about 25% of those want a printed journal.

GENERAL BUSINESS

1. Half of the printed copies of the Field Guide to the Carnivorous Plants of the Sydney region have now been sold. Sales via the Internet and through eBay have worked well. In addition, seeds of many of the species listed in the book are in the seed bank.
2. The March 2020 issue of *Carniflora Australis* has been finalised. Printed copies will be posted out shortly. Those with a subscription for the electronic version of the journal will receive an e-mail soon with details on how to access a copy of this journal.

3. Richard Jobson's paper on the *Utricularia dichotoma* complex was published in February in *Australian Systematic Botany* [<https://www.publish.csiro.au/SB/SB19003>]. This paper reinstates two taxa previously sunk to synonymy with *U. dichotoma* to full species rank and describes *U. dichotoma* as a species group of eight subspecies. At least four of the new taxa (*U. dichotoma* subsp. *aquilonia*, *U. dichotoma* subsp. *maritima*, *U. oppositiflora* and *U. speciosa*) occur in the Sydney region. They will be included in the revised version of the field guide to carnivorous plants in the Sydney Region.
4. The next Koi, Pet & Garden Show is scheduled to be held at the end of May 2020 at the Sydney Equestrian Centre at Horsley Park. At this stage it unknown if it may be cancelled due to the Covid-19 outbreak or not. The Society will advise of this closer to the event. Ron & Marie Gauchi will attend if it's still on.
5. The next meeting is scheduled to occur on the 10th of April. This is Good Friday. A question was posed on whether the meeting would be moved to another date in April. However, since the room has already been booked for the meeting on that date the meeting will go ahead as planned.

PLANT OF THE MONTH: *Byblis*, *Drosophyllum* & *Roridula*

The following plants were brought in for the 'Plant of the Month Competition';

1. *Byblis liniflora* (Sean Polivnick) (5)
2. *B. gigantea* (Dave Colbourn) (3)
3. *Drosophyllum lusitanicum* (Sean) (1)
4. *Drosophyllum lusitanicum* (Bret Stewart) (3)

The winner was: *Byblis liniflora* grown by Sean. Plant grow outside in a tray of water under full sun. Plants start to die down in April/May. Plants grow bigger when there are fewer plants per pot. Plants are fertilised infrequently.

The meeting closed at 8.28 p.m. and members adjourned for supper provided by Marina Chong and Wesley Fairhall.

The next meeting to be held at Burwood Community Centre on Friday 10th April 2020 starting at 7.30 p.m. The next 'Plant of the month' will be *Nepenthes*.



IN THE GREENHOUSE

ALDROVANDA

Plants remain in active growth and divide rapidly. Keep algae under control. Keep frogs and tadpoles out of the pond/container as they eat the traps and ultimately the plants.

BROCCHINIA / CATOPSIS

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

BYBLIS

Byblis gigantea and *lamellata* are naturally dormant over summer but may be kept in growth with constant soil moisture. Keep the soil moist to wet. Flowering ends. Harvest seed. Treat seed with Ga3 or smoke water and sow in early autumn.

The northern annual species of *Byblis* are in active growth. Growth rates will be higher in hot and humid conditions. Cross pollinate the flowers to ensure seed set.

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.

DARLINGTONIA

Darlingtonia will be in active growth. Stolons will begin growing under the substrate. Watch out for hot days. Place your plants in more shade or consider bringing them indoors during hot weather. Night temperatures are high so it is imperative that the roots are kept cool.

DIONAEA

All VFTs should be in active growth. Keep well watered. Plants may be divided and repotted.

DROSERA

Tuberous *Drosera* begin to break dormancy. Keep the pots barely moist until the stolon emerges above the surface of the soil. Treat seed with Ga3 or smoke water and sow in early autumn.

Pygmy *Drosera* break their dormancy in autumn. Increase watering.

Other Winter growing species such as *D. cistiflora* and *pauciflora* begin to break dormancy soon. Increase watering when growth begins. 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. Collect seed and sow onto a peat based media.

Temperate *Drosera* such as *D. filiformis*, *D. intermedia* and *D. rotundifolia* may become dormant and form a winter hibernacula.

DROSOPHYLLUM

Drosophyllum will be in active growth. Growth rates increase with increased prey capture. 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 the water levels high with these species.

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

Some *Nepenthes* struggle over the Australian summer. Aim to keep the lowland plants warm to hot and in high humidity.

Highland species require cooler nights. Mist in the afternoon to reduce air temperatures and increase humidity.

PINGUICULA

Mexican species/hybrids are in active growth. Keep the soil moist and humidity high.

Warm-temperate species such as *P. primuliflora* and *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. Keep the soil moist and place in a very bright and airy situation with low humidity.

SARRACENIA

All *Sarracenia* species/hybrids are in active growth. Keep well watered and in full sun. *S. flava* and *S. oreophila* will produce non-carnivorous phyllodia. *S. leucophylla* and *S. rubra* will produce larger and more upright pitchers. They look their best in autumn.

UTRICULARIA

Most terrestrial *Utricularia* will be in active growth and flower. Keep moist to wet.

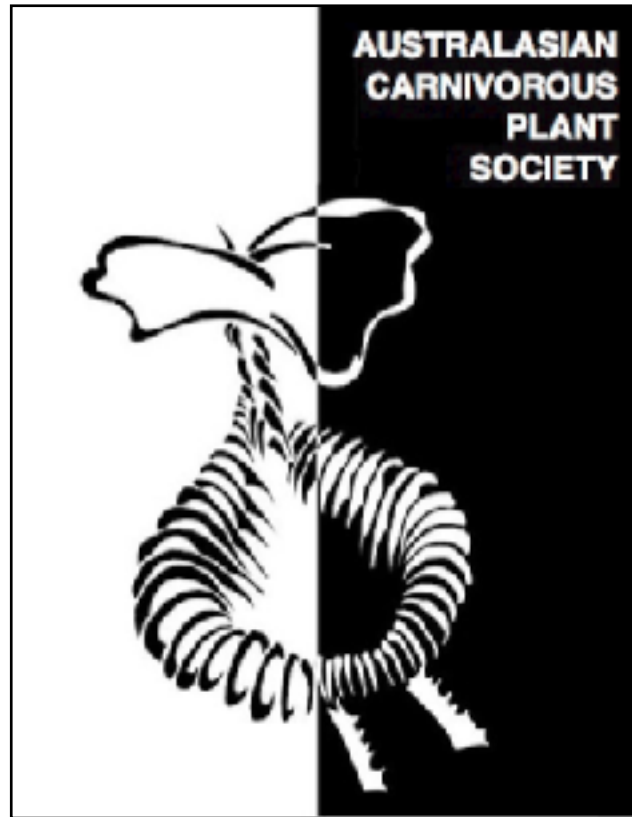
Aquatic *Utricularia* are in active growth. Keep algae under control. Keep frogs and tadpoles out of the pond/container as they eat the traps and ultimately the plants.

Winter growing species, such as *U. multifida* and *U. menziesii* are still dormant. Keep the soil barely moist.

MERCHANDISE

CONTACT CARDS

The Society now produces a business sized card with all of 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.



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.



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

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 Ian Woolf on iwoolf@gmail.com



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.



SEED BANK

Seed packets are \$1 each for members. Donations of seed are welcome. Please supply location data if available. Your Seed Bank Officer is Ian Woolf. Email: iwoolf@gmail.com. The seed bank list is contained at the end of this newsletter.



LIVE SPHAGNUM MOSS

The Society has sourced some live Sphagnum moss for sale at meetings and events for \$10 per bag.

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

The Field Guide to the Carnivorous Plants of Sydney and Blue Mountains is out now. The booklet details all 19 species in the area and contains 44 full colour pages. The guide features a detailed map with specific information on where to find the best population of each species. The price of the guide is \$15 or \$10 for members (limit of 2) and is available at meetings, events and on ebay.



GROWING CARNIVOROUS PLANTS

The Society has a few hardback copies of Barry Rice's book for members and friends to purchase.

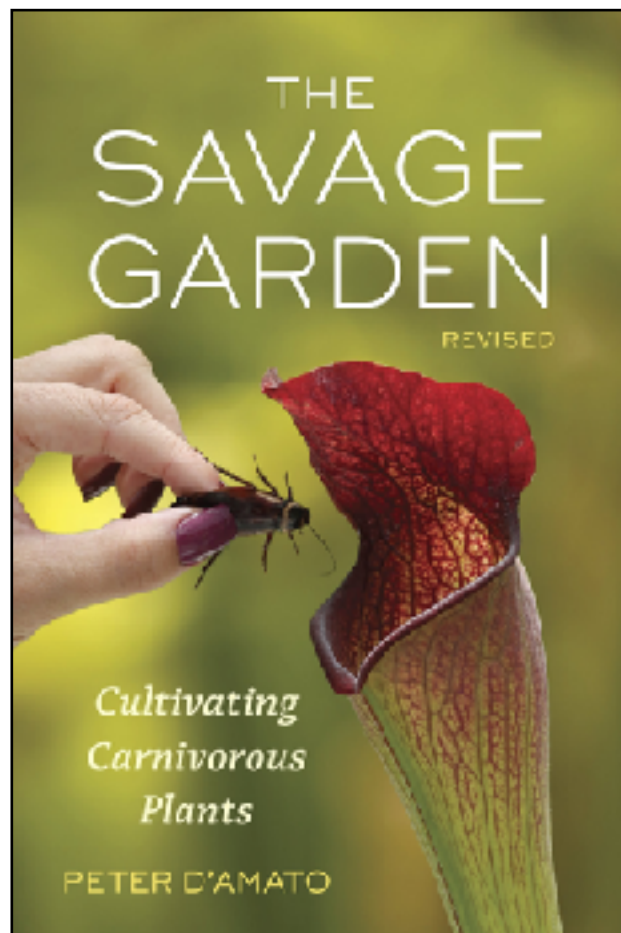
We are offering this book to members for \$30 and to non-members for \$35. The books may be purchased from the Society at meetings and events.



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 to order.



CARNIFLORA AUSTRALIS

Various back editions of *Carniflora Australis* will be available for sale at the meetings for \$5. Some editions are very limited. Please contact your branch coordinators for edition availability or deals on multiple copies.



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



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littlepotofhorrors@gmail.com

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AUSTRALASIAN CARNIVOROUS PLANT SOCIETY

SEED BANK

GENUS	SPECIES	Sub-Species	Variety / Form	QUANTITY	LOCATION DATA	Harvest Date
Drosera	aliciae			4		November 2018
Drosera	auriculata			1	Cameron Park, NSW	September 2010
Drosera	auriculata			1	Nerriga, NSW	
Drosera	auriculata			1	South Australia	October 2014
Drosera	auriculata			1	Cameron Park, NSW	October 2010
Drosera	auriculata			1	Adamstown, NSW	
Drosera	auriculata			2	Nowra, NSW	2012
Drosera	binata		dichotoma	5		November 2017
Drosera	burmannii		Castlereagh Red	10+	Castlereagh Nature Reserve	May 2019
Drosera	capensis		Typical	13		December 2018
Drosera	capensis		White Leaf	6		January 2018
Drosera	filiformis			3		
Drosera	filiformis	floridana		5		December 2018
Drosera	hookeri			7		
Drosera	hookeri			1	Bathurst	September 2019
Drosera	macrantha		Swamp Form	2		
Drosera	macrantha	planchonii		2		October 2018
Drosera	nidiformis			2		March 2016
Drosera	pallida		South Coast Form	1	Albany	October 2019
Drosera	spatulata			1		October 2017
Drosera	tokaiensis			7		April 2018
Drosera	zegheri		Pink Flower	1		September 2018
Darlingtonia	californica			1		
Nepenthes	(ventricosa x bellii) x ventricosa	red		5		April 2018
Sarracenia	purpurea	pupurea		3	Whixall Bog, North Shropshire, England	April 2013
Sarracenia	purpurea	purpurea	var. rupicola	1	Dorcas Bay, Ontario, Canada	
Sarracenia	purpurea	purpurea		50	Open Pollinated	June 2019
Sarracenia	minor	var. okefenokeensis		2	Open Pollinated	June 2019
Sarracenia	leucophylla			100	Open Pollinated	June 2019
Dionaea	muscipula			13	Open Pollinated	2017
Catopsis	berteroniana			28		January 2018
Mimosa	pudica			3		
Ibicella	lutea			4		

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 on glenncarson@iinet.net.au to organise your loan or to donate books.

BOOKS

Title	Author	Published
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
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

JOURNALS

Society	Journal Name	Editions
Association Francaise d'Amateurs d'Plantes Carnivores	Dionee	1984 - 2002
Associaziane Italian Plante Carnivore	AIPC News	2002 - 2009
Australian Carnivorous Plant Society Inc.	Bulletin of the ACPS	1982 - 2003
Australasian Carnivorous Plant society	Carniflora Australis	2012 - 2019
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
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 - 2019
Japanese Insectivorous Plant Society	Journal of the JIPS	1995 - 2016
Japanese Carnivorous Plant Society		1992 - 2012
Karnivoren-Fachzeitschrift der G.F.P.	Das Taublatt	1991 - 2008
New Zealand Carnivorous Plant Society	Stenopetala	1985 - 2007
Species Orchid & Carnivorous Plant Society of the Illawarra	Journal of theSPCPI	1997 - 2010
The Carnivorous Plant Society (of the United Kingdom)	CPS News	1990 - 2016
The Garden Clubs of Australia	Our Gardens	1999 - 1998
Victorian Carnivorous Plant Society	Journal of the VCPS	1997 - 2019

CONTACT US



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Australasian Carnivorous Plant Society



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BURWOOD,
N.S.W. 1805**

MEMBERSHIP FORM

The Australasian Carnivorous Plant Society Inc. is a not for 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, ability to sell plants at official stalls at which the society participates, 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 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

PAYPAL

Use the "Send Money" tab to make your payment. Use the current PayPal email address 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.

Membership Type (please circle):	New	Renewal			
Journal Type (please circle):	Printed - \$35/yr	Electronic - \$20/yr			
Membership Period (please circle):	2020	2021	2022	2023	
Payment Option (please circle):	Cash	Money Order	Cheque	Direct Deposit	PayPal
Name:				
Postal Address:				
Suburb:	State:	Postcode:
County:				
Email Address:				