

Nepenthes rafflesiana. Photographed by Ciaran Nagle

THE AUSTRALASIAN CARNIVOROUS PLANTS SOCIETY INC.

CARNIFLORA NEWS

A.B.N. 65 467 893 226

July 2020



Drosera pauciflora. Photographed by Robert Gibson

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 'Füzzy' 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

JULY

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

AUGUST

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

SEPTEMBER

4th September 2020 - AUSCPS meeting - Canberra; 11th September 2020 - AUSCPS meeting - Sydney featuring Australian Native CPs 26-27th September 2020 - Collectors Plant Fair, Clarendon

OCTOBER

2nd October 2020 - AUSCPS meeting - Canberra 9th October 2020 - AUSCPS meeting - Sydney featuring *Utricularia & Genlisea*

NOVEMBER

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

DECEMBER

TBA- VCPS annual show, Collectors 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* & *Aldrovanda*

FEBRUARY

7th February 2021 - AUSCPS meeting - Canberra 14th February 2021 - AUSCPS meeting - Sydney featuring Summer growing *Drosera* and *Byblis*

MARCH

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

APRIL

2nd April 2021 - AUSCPS meeting - Canberra (Good Friday)
9th April 2021 - AUSCPS meeting - Sydney featuring Sarracenia and Darlingtonia

MAY

7th May 2021 - AUSCPS meeting - Canberra 14th May 2021 - AUSCPS meeting - Sydney featuring *Nepenthes*

JUNE

4th June 2021 - AUSCPS meeting - Canberra 11th June 2021 - AUSCPS meeting - Sydney featuring *Cephalotus, Heliamphora* and Carnivorous Bromeliads

NEWS

CORONOVIRUS PRECAUTIONARY MEASURES

gatherings, the Committee of the until further notice. News about the be published via our Facebook site Executive thanks you for your answer any queries you may announcement.

With the emergence of Coronavirus and \(\bigau \) increasing restrictions put on social AUSCPS decided to cancel all meetings Society and any announcements will and this newsletter. The AUSCPS understanding and is happy to have in relation to this

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.



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 included in this newsletter with instructions on how to make payment.

ANNUAL GENERAL MEETING

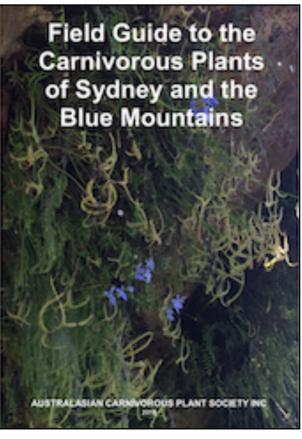
Our A.G.M. was to be held at the Sydney meeting on the 10th July. Due to restrictions from COVID19, the AGM will be held on the

next meeting when restrictions are lifted. Nominees are listed in an attached ballot paper along with a proxy voting form for those who are unable to attend the A.G.M. Please consider this opportunity to be more involved with the Society and have a say in

our future.

FIELD GUIDE

The Field Guide to the Carnivorous Plants of Sydney and the Blue Mountains was released on 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.



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

SAVAGE GARDEN

Our shipment of new Savage Garden books has been delayed by COVID19 and is expected to arrive in Australia in late June.

BACK ISSUES OF CARNIFLORA AUSTRALIS

The Society has a number of surplus back issues of Carniflora Australis. They will only be for sale at meetings for \$1 each.

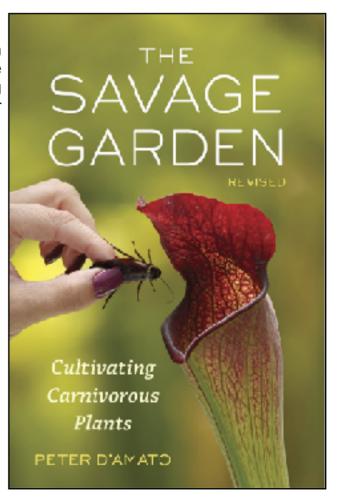
NEW SPECIES OF UTRICULARIA

A new species of *Utricularia* named *U. kamarudeenii*, from the paddy fields of Kottayam district of Kerala, India, is described and illustrated. The new species resembles U. aurea but differs from it in the length of spur with respect to the lower lip, deeply bilobed lower lip, presence of one type of trap having basal mouth without appendages and hexagonal shape of the seed.

https://www.biotaxa.org/Phytotaxa/article/view/phytotaxa.447.1.7

SAVAGE GARDEN

Copies of Peter D'Amato's Savage Garden are back in stock. There is a small price increase due to increases in publishing and shipping costs. Books are now \$35 for members and \$40 for non-members.



IN THE GREENHOUSE

ALDROVANDA

Plants will now be dormant if grown outside. *Aldrovanda* survive the Winter chills by producing a turion, which either floats on the water surface or sinks to the bottom of the pond. Keep an eye on them so they don't get washed away or eaten by birds and animals.

BROCCHINIA / CATOPSIS

Maintain high light levels and humidity. Apply light foliar fertilisation (Avoid fertilisers high in Urea). Potted plants will produce more pups which may be divided when semi-mature.

BYBLIS

Byblis gigantea and lamellata are now in active growth. Keep the soil moist to wet. Seed may be sown now. Treat seed with Ga3 or smoke water.

The northern species of *Byblis* are close to the end of their life cycle. Keep moist and humidity high. Harvest and store the 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. Non-carnivorous Winter leaves should be produced now. Pitchers also colour up nicely with the cooler nights.

DARLINGTONIA

Darlingtonia is now dormant. Keep moist and cold as long as possible to ensure a full dormancy is achieved. Sow seed onto moist Sphagnum moss and expose to the cold nights to aid stratification of the seed.

DIONAEA

All VFTs will now be dormant. Sow seed onto your preferred medium and expose to the cold to aid stratification of the seed. Seed will germinate in Spring.

DROSERA

Tuberous *Drosera* are now in active growth with the rosetted species in flower. Keep the pots moist. Add small wire trainers for the stem forming species.

Pygmy *Drosera* will end their gemmae phase and begin to produce carnivorous leaves. Keep plants moist to wet in full sun.

Other Winter growing species such as *D. ramentacea, cistiflora* and *pauciflora* will be in full growth. Keep the pots moist to wet.

Tropical and sub-tropical species need to be kept warm to keep them alive. Species such as *D. burmannii* will begin to die. Harvest the seed and sow in Spring.

Petiolaris-complex species may need artificial heating to keep them alive. Aim for a minimum temperature of 25°C. Keep the pots moist to stop the plants entering dormancy.

Temperate species such as *D. filiformis*, *D. intermedia* and *D. rotundifolia* will have formed a winter hibernacula and are now dormant.

DROSOPHYLLUM

Drosophyllum is in active growth and may be kept wetter during the cooler months. Seed may be sown onto moist compost after treatment with boiling water for 10 seconds. Soak for 24-48 hours in water. Germination may take from 2-8 weeks. Feed with insects to boost growth.

GENLISEA

Genlisea should be in flower and active growth. Keep the water levels high with these species. Leaf and trap production will improve when the water level is at soil level. Artificial heating may be required. Avoid exposure to frosts and ideally keep plants above 10°C.

HELIAMPHORA

Keep plants in a bright and very humid location. Avoid temperatures over 30°C and less than 10°C. Fertilise with a diluted foliar application of urea free fertiliser every 2-4 weeks.

NEPENTHES

Winter sees a dramatic drop in the growth rates and pitcher production of *Nepenthes*. Keep the lowland species above 15°C at night and as warm as possible during the day. Highland species enjoy cooler nights and will continue to grow. Keep highland plants above 5°C at night and between 20-25°C during the day.

PINGUICULA

Mexican species/hybrids are entering dormancy and often flower during this stage. Pollinate the flowers to obtain seed. Most species produce smaller fleshier leaves (heterophyllous). Some species such as *P. gigantea* and *P. emarginata* will produce smaller typical leaves (homophyllous). Keep humidity high but the soil drier for the heterophyllous species and hybrids. Leaf cuttings may be taken by pulling the older leaves from the mother plant. Ensure you get all of the leaf including the white parts close to the roots. Warm-temperate and temperate species such as *P. primuliflora* and *lusitanica* will continue to grow. Keep the water up to *P. primuliflora* and take leaf cuttings.

RORIDULA

Roridula growth rates increase with the cooler nights. Seed may be harvested now. Sow onto moist peat/sand. Germination may take 3-8 weeks. Keep the soil moist and ensure good air circulation. Fertilise with a diluted foliar application of urea free fertiliser every 2-4 weeks.

SARRACENIA

All *Sarracenia* species/hybrids will stop producing leaves/phyllodes and enter dormancy. Keep the existing pitchers/leaves on the plants until late Winter. Harvest seed and sow onto your preferred mix. Germination will occur in Spring.

UTRICULARIA

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

Aquatic *Utricularia* will slow in growth and may be dormant. Keep an eye out for *U. australis* turions floating on the water's surface.

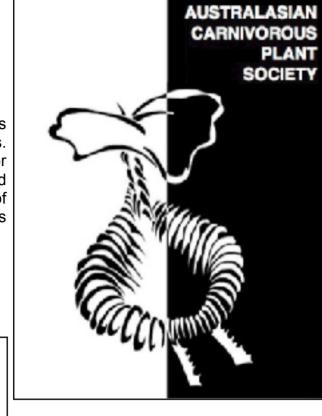
Winter growing species, such as *U. multifida* and *menziesii* will be in active growth.

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 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 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



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.



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.



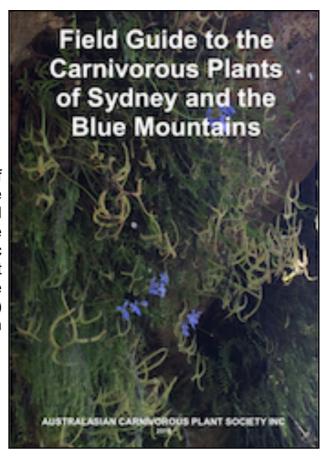
LIVE SPHAGNUM MOSS

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

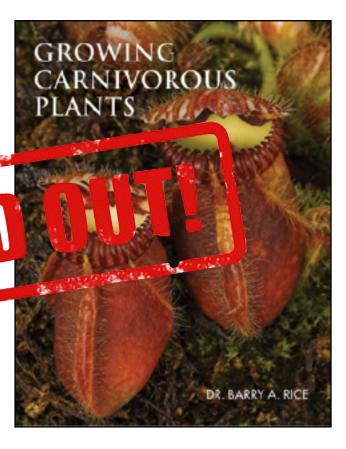
The Field Guide to the Carnivorous Plants of Sydney and Blue Mountains is out now. The booklet details all 19 species in the area and contains 44 full colour pages. The guide features a detailed map with specific information on where to find the best population of each species. The price of the guide 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 friends to purchase

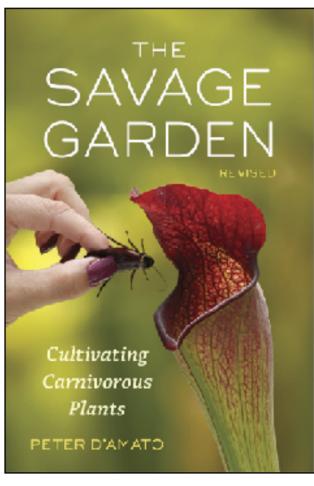
We are offering his bond of the sit \$30 and to not men are the books may be purchase Society at meetings and events.



THE SAVAGE GARDEN

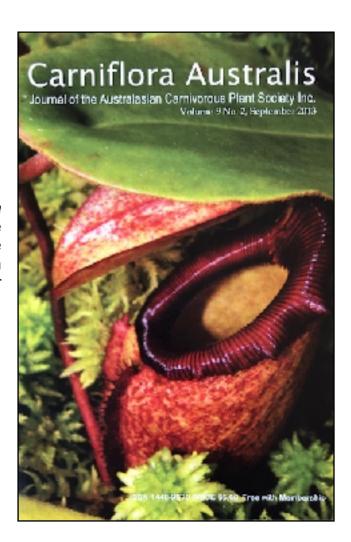
The Society is also selling copies of the second edition of "The Savage Garden" for members and friends to purchase. The Savage Garden, by Peter D'Amato, is one of the best books dedicated to the cultivation of Carnivorous Plants, covering more than 300 species, gloriously illustrated with more than 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 \$1 each. Some editions are very limited. Please contact your branch coordinators for edition availability or deals on multiple copies.



SPONSORS



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

littlepotofhorrors@gmail.com SUPPLIER OF CARNIVOROUS PLANTS

STRANGE WORLD CARNIVORES



OWEN and KATE O'NEILL

find us on Facebook

strangeworldarnivores@gmail.com www.strangeworldcarnivores.com



Mimosa

Ibicella

lutea

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

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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 Française d'Amataurs 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



0421 271 888

0410 643 531



Australasian Carnivorous Plant Society



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http://auscps.wordpress.com/



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PO BOX 70, 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		Re	enewal	
Journal Type (please circle): Pri	inted - \$35/	yr	Electro	onic - \$20/y	r
Membership Period (please circle):	2020	2021	2022	2023	
Payment Option (please circle): Cash	h Money C	Order Chec	que Direc	t Deposit I	PayPal
Name:					
Postal Address:					
Suburb:	State:		Posto	ode:	
County:					