



THE AUSTRALASIAN CARNIVOROUS PLANTS SOCIETY INC.

CARNIFLORA NEWS

December 2016

UPCOMING EVENTS

6th January 2017
AUSCPS Brisbane Meeting

13th January 2017
AUSCPS Sydney Meeting
Plant theme - Dionaea

3rd February 2017
AUSCPS Brisbane Meeting

10th February 2017
AUSCPS Sydney Meeting
Plant theme - Utricularia, Genlisea,
Aldrovanda

3rd March 2017
AUSCPS Brisbane Meeting

10th March 2017
AUSCPS Sydney Meeting
Plant theme - Byblis, Roridula,
Drosophyllum

7th April 2017
AUSCPS Brisbane Meeting

6-19th April 2017
Royal Easter Show

8-9th April 2017
Collectors Plant Fair

14th April 2017
AUSCPS Meeting
Plant theme - Catopsis, Brocchinia

5th May 2017
AUSCPS Brisbane Meeting

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 Executive for the ACPS comprises:

President & Public Officer - Wesley Fairhall

Vice President – Robert Gibson

Treasurer, Secretary – Kirk ‘Fuzzy’ Hirsch

Publicity Officer – Kirk ‘Fuzzy’ Hirsch

Sydney Representative – Marina Chong

Sydney Representative – David Colbourn

Sydney Representative – Glen Moss

Brisbane Representative – Alan Haase

Brisbane Representative - Brent Jones



Australasian Carnivorous Plants Society



auscps@gmail.com



<https://auscps.wordpress.com/>



www.auscps.com/



PO Box 70,
Burwood,
N.S.W. 1805

NEWS

MERRY CHRISTMAS

The Executive of the Australasian Carnivorous Plant Society Inc. would like to wish our members and friends a very Merry Christmas and Happy New Year. 2016 has been a great year for the society with increased membership and a stronger financial base. Other achievements include seed exchange with other society's, establishment of meetings in Brisbane, new AUSCPS merchandise including T-shirts, donations to the Ark of Life, sponsorship of the Carnivorous Plant competition at the Royal Easter Show in Sydney and eradication of *D. capensis* within the Royal National Park. Both the Brisbane and Sydney branches will be having a break from meetings over December and will return in the first weeks of January.



MEMBERSHIP OFFER

The AUSCPS has commenced a membership drive with a special offer for the remainder of the 2016 membership season. By purchasing membership for the 2017 period, new members will be included in the second half of the 2016 membership year and will be eligible to receive the September edition of *Carniflora Australis*. New memberships need to be received before the 31st of December to be eligible for this offer. Please complete the membership form at the end of this newsletter.



MEMBERSHIP

The Australasian Carnivorous Plants Society Inc. is now offering two forms of membership to cater for those who want to receive electronic versions of *Carniflora Australis* (\$25) and those who still prefer the printed version (\$35). The difference in cost is to cater for the increase in postage and printing fees of the journal.

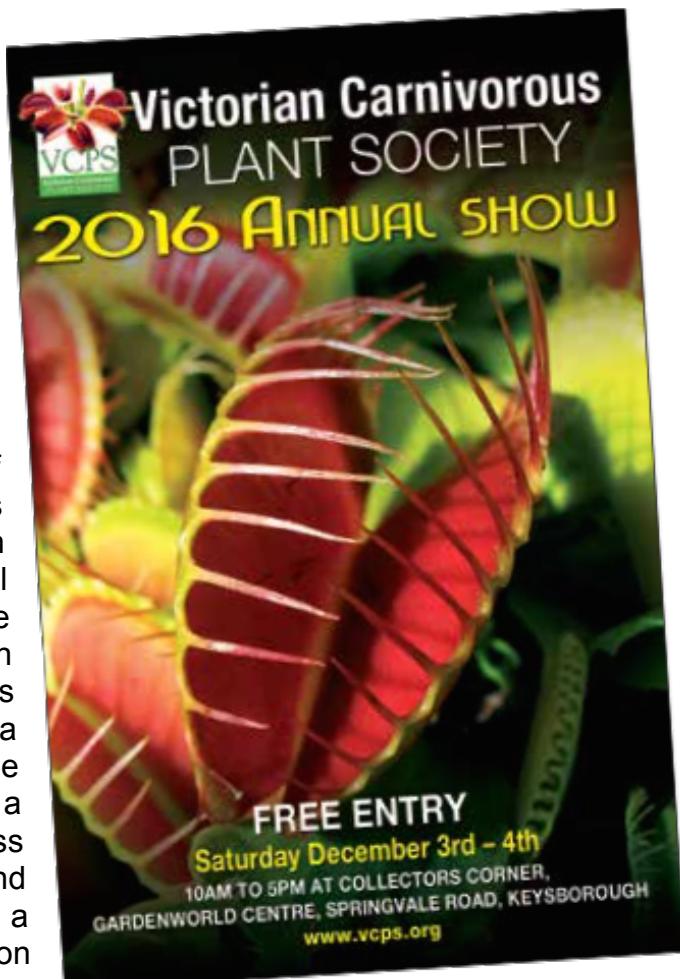
PHOTOS

If you have any C.P. related photos that are suitable for publication in this newsletter, please email them to davecolbourn@gmail.com

Thank you to Ross Rowe for his Nepenthes display pictured left.

VCPS ANNUAL SHOW

The Victorian Carnivorous Plant Society annual show will be held on the 3rd and 4th of December 2016 at Collectors Corner in Gardenworld, 810 Springvale Road, Braeside (Melbourne). The annual show is the most popular event on the VCPS calendar with members and the general public. The purpose of it is to show people how beautiful and unusual carnivorous plants are and to give them a chance to learn more about them. The standard of plants on display is very high as some members are competing amongst themselves to earn the title of "Grand Champion Plant" for their entries as well as trying to win the best plant in the various categories. For the general public the show is a chance to see some of the best cultivated carnivorous plants in Australia as well as chat to friendly experts about them. Admission is free and it is a great family day out. Collectors and the adventurous are also catered for with a sales table. The plants are first class quality, showy and sometimes very rare and sought after. If you are planning to make a purchase make sure to get there early on the first day as they sell very quickly.



ICPS NEWS

The latest journal of the ICPS is out now. The journal documents a new species of Nepenthes from the Philippines, *Nepenthes nebularum*, the possibility of carnivorous plants being found in salty water, a trip to Papua in search of carnivorous plants, a tribute to Jeff Del Col, a report on the 2016 ICPS conference and the introduction of new cultivars: *Heliamphora* 'Red Mambo', *Sarracenia* 'Cancan', *Sarracenia* 'Whale Tail', *Pinguicula* 'Niklas', *Pinguicula* 'Red Starfish'



CHRISTMAS PARTY

Ron and Marie Gauci have generously offered to host the Sydney branches Christmas Party. Bring along any carnivorous plants for show and for trade. Proceeding start at midday on Saturday the 10th of December at 10 Olga Close in Bossley Park NSW. Please bring along your own food, drink, chairs and shelter. There is a barbecue that may be used to cook your meal. Contact Ron on 0417695712 for more information.

PLANTS WITH BITE

Plants with Bite will be returning again this year to the Mt Tomah Botanic Gardens. It will be held over two weekends from the 3rd to the 11th of December 2016. The AUSCPS will not be represented at this event but there will be a number of talks and presentations throughout the fair.

More information may be found at:

<https://www.bluemountainsbotanicgarden.com.au/What-s-On>

THE BLUE MOUNTAINS BOTANIC GARDEN PRESENTS

PLANTS WITH bite

CARNIVOROUS PLANT FAIR

Saturday 3 – Sunday 11
December 2016

Learn how these intriguing plants have adapted to
nutrient deficient environments by feeding on meat!

Come in to the Visitor Centre's carnivorous plant emporium
and view the information panels and photographic images by
Curator Manager and carnivorous plant expert Greg Bourke.

Join us for either a kids' or adults' carnivorous plant workshop or a
guided Bog Garden walk. Plants and images available for purchase.



Carnivorous Considerations Workshop

Monday 5 & Friday 9 December
10.30am-11.30am

Join Senior Horticulturist Damien Vella
for a carnivorous plants workshop. Damien
will describe the genus of carnivorous plants,
discuss local and global threats and provide
tips on growing and propagating, finishing
with a tour of the Blue Mountains Botanic
Garden Bog Garden. \$15.00 per person.

Bog Garden Bash Guided Walk

Tuesday 6 & Thursday 8
December 10.30am-11.30am

Join Senior Horticulturist Mat
Murray on a guided tour of the
Bog Garden at the Blue
Mountains Botanic Garden as he
describes our collection and
discusses the relevance of the Bog
in the Garden and its place in
carnivorous plant conservation.
\$15.00 per person.

Dinner-time Doom Carnivorous Plants workshop for kids

Saturday 3 December, 1.00-3.00pm
Led by one of the Garden's enthusiastic
and knowledgeable educators,
kids will go on a fun adventure to the Bog
Garden to find out how carnivorous plants
lure and eat their prey! They'll play games,
make craft and plant their own little pet
carni to take home and feed flies. Suitable
for children 7-12 years. \$20 per child.

Bookings essential at www.bluemountainsbotanicgarden.com.au/What-s-On

Blue Mountains Botanic Garden, Mount Tomah

9.30am – 4.30pm. Free entry | Bells Line of Rd, Mount Tomah NSW 2758
Phone: (02) 4567 3000 tomah@rbgsyd.nsw.gov.au
bluemountainsbotanicgarden.com.au



The Blue Mountains
BOTANIC GARDEN
Mount Tomah

PHOTOS



Sarracenia
"King
Cobra".
A hybrid
made by Phil
Faulisi from
the United
States.



SYDNEY MEETING MINUTES

The November meeting was well attended with 19 members and visitors. The theme of the night was *Sarracenia* and *Darlingtonia* with many plants on show, sale and for trade.

The discussion held at the meeting included the following topics:

- The Royal Agricultural Society has asked if the Society is interested in participating in the stage demonstration at the 2017 Royal Easter Show. An application form has been provided and is due on 30 November, if interested please contact the President at auscps@gmail.com
- The Treasurer reported all outstanding debts are paid and the Society has \$3256 in the bank. We now have 61 members.
- Dam Fest was on Sunday, 16th October at Warragamba. The Society had a stall which was attended by Ron & Marie Gauci, Dave Colbourn, Kirk 'Fuzzy' Hirsch, Glen Moss and Marina Chong. There were no other plant stalls at the event, and the range of plants brought in people to the event from as far as Wollongong. The Society received \$108 from the commission of sales of plants at Dam Fest in October. The Society is interested in attending the event in 2017.
- Richard Landon [richardlandon45@gmail.com] from The Leura Home Garden Club contacted the Society on October 3rd and asked if our Society may have someone willing and available to provide a talk at one of their meetings in 2017. The meetings are on the 3rd Tuesday of the month and the dates are January 17th, February 21st, March 21st, April 18th, May 16th, June 20th, July 18th, September 19th, October 17th, and November 21st. The speaker's time slot is between 11 am and 11.45 am, plus time for questions. The club pays \$100 to cover speaker's costs. Meetings generally have about 50 attendees. The club has a laptop, projector and screen if you need any of those. Any speaker is invited to bring plants for sale. Anyone interested in this offer?
- Richard Sullivan generously donated a large quantity of *Darlingtonia* stolons to the Royal Botanic Gardens at Mt Tomah and to members of the society. Thank you Richard.



- The Seed Bank is now being managed by Ian Woolf. Enquiries may be directed to the President at auscps@gmail.com or Ian at iwoolf@gmail.com

PLANT OF THE MONTH – (Theme plant group – *Sarracenia* and *Darlingtonia*)

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

1. *Sarracenia leucophylla* hybrid
2. *S. leucophylla* x *flava*
3. *S. readii* x *purpurea* (very red)
4. *S. purpurea* ssp. *purpurea*
5. *S. flava* var. *ornata*
6. *S. flava* var. *rubricorpora* (3 plants)
7. *S. flava* var. *rugelii* (2 plants)
8. *S. psittacina* var. *okefenokeensis*
9. *S. flava* var. *flava*
10. *S. flava* var. *rubricorpora* hybrid
11. *S. flava* var. *rubricorpora* x *S. alata* var. *rubrioperculata*
12. *S. minor* var. *okefenokeensis*
13. *S. psittacina* hybrid.

The winner was a large pot of *S. flava* var. *rubricorpora* (pictured right) grown by Jeff Drudge. Jeff grows his *Sarracenia* in a mix 50 parts peat: 50 parts perlite. The pots are in trays kept outside which are about 20 cm deep and the water level in those trays varies from about 2 cm to 20 cm depending on the time between watering and rainfall events.

OTHER PLANTS

1. *Nepenthes* ? *sanguinea* (appears to be a hybrid with perhaps *N. maxima*);
2. *N. CV 'Gothica'*
3. *N. truncata* x *ovata*
4. *N. ventricosa* Red pitchers; in scape
5. *Drosera binata* var. *dichotoma*
6. *D. regia* – plant in scape
7. *D. stricticaulis*



The winner was *Nepenthes truncata* x *ovata* grown by Hasan. The plant is grown in a north-facing shadehouse that has a cover of 50% shadecloth which has clear plastic on the walls in winter and during periods of cool nights. The plants grow in a mix of coir peat and perlite. Plants are given a foliar fertiliser every 2 to 3 weeks which Hasan has found gets better results in terms of growth than direct feeding of the pitchers.

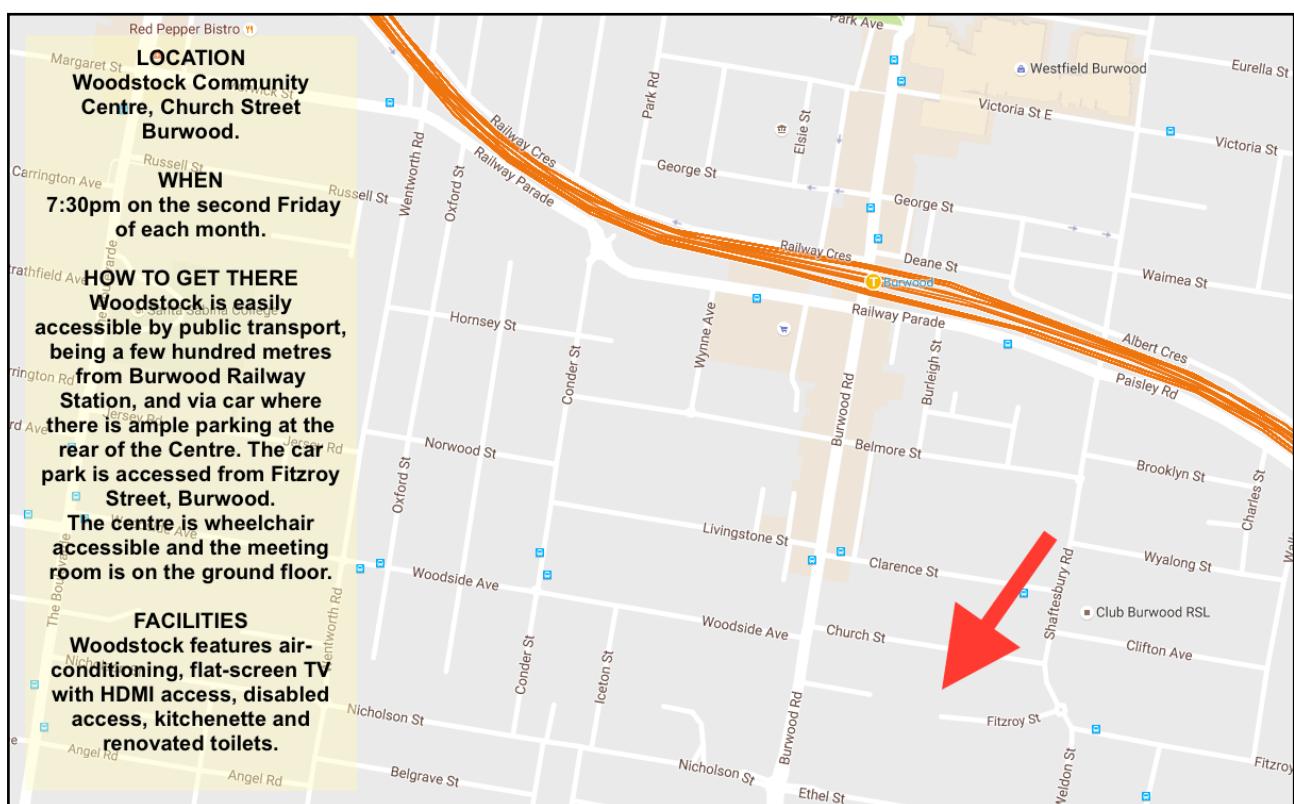
PRESENTATION

Stewart McPherson gave a presentation on variation in form and colour of *Sarracenia* and *Darlingtonia* and how they grow in the wild.

Stewart co-authored a book 'Sarraceniaceae of North American (2011)' with Donald Schnell in which all distinct varieties of *Sarracenia* and *Darlingtonia* were described. The presentation was based on this work and covered variation and formal varieties in *Darlingtonia* and the 8 species of *Sarracenia*. Stewart observed the frequent presence of anthocyanin-free plants in most taxa in these two genera, and some impressive intensely

red varieties of *S. alata* and *S. flava*. Some varieties are very rare, and known from very few locations: *S. flava* var. *flava*, *S. oreophila* var. *ornata* and *S. purpurea* var. *montana*. Stewart also discussed conservation initiatives, and how as little as less than 2% of *Sarracenia* habitat remains. He discussed his 'Ark of Life' project [<http://arkoflife.net/>] and how this is maintaining living collections of *Sarraceniaceae* in cultivation, ideally of known provenance, so that their genomes will be maintained.

The next meeting will be held on Friday 13th January 2017 at 7.30 p.m. at the Woodstock Community Centre. The 'Plant of the Month' will be *Dionaea*.



BRISBANE MEETING MINUTES

The November meeting was well attended with 9 members and guests.

Access to the library meeting rooms is restricted after hours, so if you are running late, give Alan a call on 0451776522 to gain access.

Alan Haase presented the idea to the Brisbane chapter regarding involvement in schools and the possibility of building a bog garden at one of the local schools to create awareness and interest in the local society.

Chris Otto brought in a selection of Pinguicula and Cephalotus to trade or for purchase. Some members also brought along freebies.

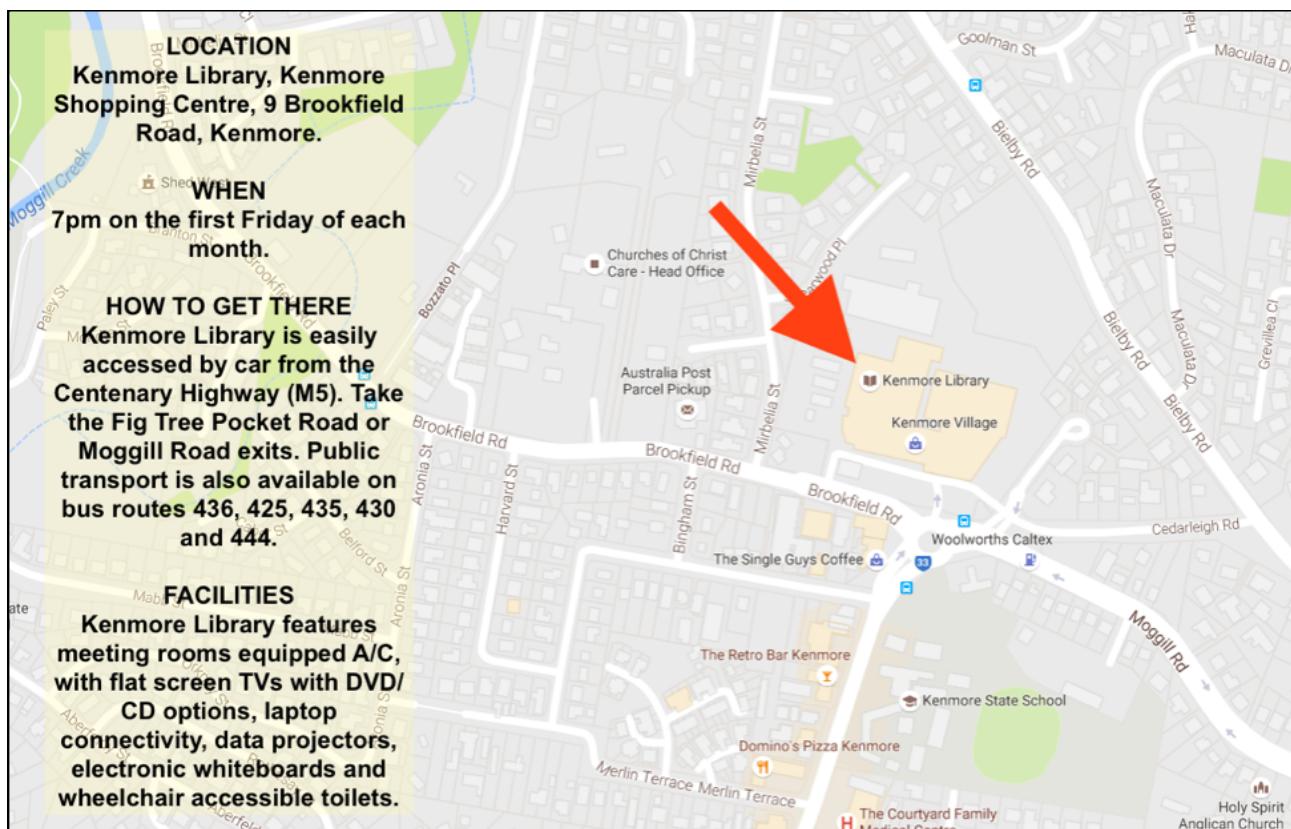
A schedule of presentations was discussed and members agreed that each month a different member would present their interests and findings within the realm of CPs.

PRESENTATION

Alan Haase completed the first presentation for the Brisbane chapter on Growing CPs in outdoor bogs (in the ground).



The next Presentation will be on Carnivorous Bromeliads presented by Darryn. The date for this meeting is yet to be set.



IN THE GREENHOUSE

ALDROVANDA

Plants are now in active growth with flowering over the summer months. Plants will divide rapidly. Keep algae under control.

BROCCHINIA / CATOPSIS

Maintain high light levels and humidity. *Catopsis* may be flowering now. If possible cross-pollinate your plants to generate seed.

BYBLIS

Byblis gigantea and *lamellata* will now be dormant. Keep the soil drier. The northern annual species of *Byblis* will now be in active growth. Growth rates will be higher in hot and humid conditions. Pollinate flowers using the “buzz” technique.

CEPHALOTUS

Cephalotus flower over summer. Keep an eye out for the emergent flower shoot, Keep the soil moist but well drained. Avoid fungal problems by keeping good air movement around the plants. Leaf/Pitcher cuttings may be taken now.



DARLINGTONIA

Darlingtonia will be in active growth. Mature plants may be in flower and can be self-pollinated to generate seed. 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 increasing so it is imperative that the roots are kept cool. *Darlingtonia californica* flower pictured right.

DIONAEA

All VFTs should be in active growth, with flowers starting to die. Harvest seed. Many varieties will begin to produce upright petioles and traps, a strategy to compete with surrounding vegetation. Keep well watered. Watch for aphid attack.



DROSERA

Tuberous *Drosera* are now dormant. Stop watering the pots and allow them to dry out. Tubers may now be unearthed to inspect and repot the tubers.

Pygmy *Drosera* will be entering their dormancy with the production of white stipule buds. Pygmy *Drosera* also flower this time of the year. Plants may be kept moister to keep in active growth.

Other Winter growing species such as *D. ramentacea*, *cistiflora* and *pauciflora* will become dormant. Reduce watering and keep the pots barely moist.

Tropical and sub-tropical species will be in full growth and flower. Keep the soil very moist. Collect seed and sow onto peat based media. *Drosera slackii* is pictured above.

DROSOPHYLLUM

Drosophyllum will be in active growth, although slower with the hotter weather. They are less tolerant of higher levels of moisture in the soil over the warmer months and are at risk of root rot. Flowers will have matured. Harvest the seed.

GENLISEA

Genlisea are 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. Take leaf cuttings.

HELIAMPHORA

Keep plants in a bright but cool location. Mist regularly to help keep the pots cool.

NEPENTHES

As day-time temperatures increase, lowland *Nepenthes* begin to grow as the highland species slow. Aim to keep the lowland plants above 15°C. Highland species enjoy the cooler nights and will continue to grow. Keep plants above 10°C at night and between 20-25°C during the day. Pictured right is an intermediate pitcher of *Nepenthes eppiphytata*.

PINGUICULA

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

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

RORIDULA

Roridula are in flower on mature plants. The flowers are self fertile. Pollinate the flowers for seed production. Keep the soil moist and ensure good air circulation.

SARRACENIA

All species and hybrids are in active growth. Flowers slowly mature. Keep in full sun for the best colour and shape of the pitchers. Soil needs to be kept wet.

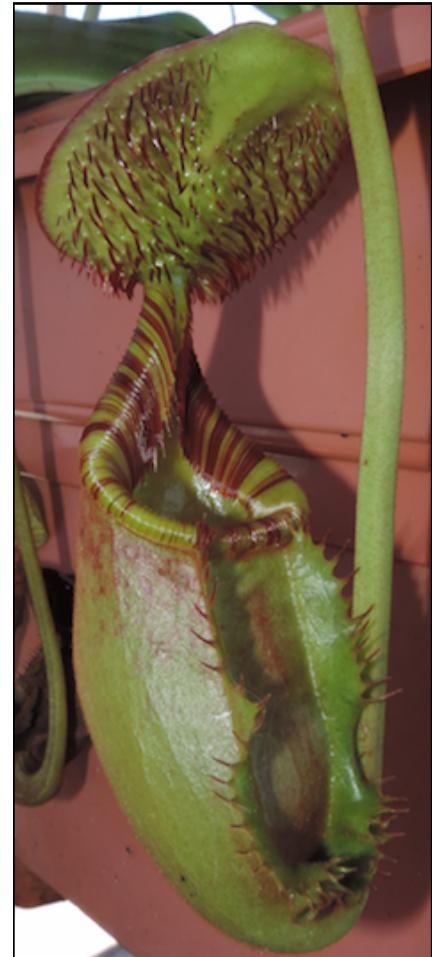
UTRICULARIA

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

Aquatic *Utricularia* are in active growth and in flower.

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

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



MERCHANDISE

SEED BANK

There currently is a good range of seed available in the seed bank.

Seed packets are \$1 for members. Excess seed is now being sold on ebay. Donations of seeds 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.

T-SHIRTS

The Australasian Carnivorous Plant Society is now offering T-shirts printed with our logo on the front. 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 davecolbourn@gmail.com.

PEAT MOSS

The society has sourced a supplier of quality Sphagnum Peat Moss and is now supplying packaged peat to members and visitors to the society's meetings and events. The packs contain approximately 2kg of high quality Canadian Sphagnum peat for \$10 per box.



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 hand-full of cards to distribute to other Carnivorous Plant enthusiasts.

CLASSIFIEDS

Phillipe Reyter is offering two large containers (pictured below) that would be suitable for conversion into a bog garden. They are 1m x 1.85m in size. Pick up is from Lithgow.

Phil may be contacted at p.reyter@gmail.com



Advertising in this newsletter is permitted. Place all classified enquiries with the society's email address auscps@gmail.com.

SPONSORS

Sponsorship of *Carniflora Australis* and *Carniflora News* is welcome. \$40 will get you a business card sized ad included in two *Carniflora Australis* journals; and 12 x *Carniflora News* issues. Contact Dr. Gibson at auscps@gmail.com for further details.



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

Address:

Suite 19, 924 Pacific Highway
Gordon NSW 2072

Postal Address:

Suite 19, 924 Pacific Highway
Gordon NSW 2072

Tel: 1300 36 36 41 or 9499 7602

Fax: +61 2 9499 7603

Technical Contact:

support@tech2u.com.au



SUPPLIERS OF HUNGRY LITTLE CARNIVOROUS PLANTS.
EMAIL FOR OUR CURRENT MAIL ORDER CATALOG, CULTIVATION GUIDES OR POINT OF SALE ENQUIRIES.

TRIFFID PARK

SPECIALISING IN MAIL ORDER CARNIVOROUS PLANTS.

ALSO WHOLESALE AND STOCK FOR MARKET STALLS.

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

www.triffidpark.com.au

Triffid Park is not open for public sales, but we do hold our Annual Open Day at our Carnivorous Plant Nursery once a year.

Check our web site for a date, and plan it into your next holiday.

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

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.

Yearly membership entitles you to attend monthly meetings, access to our 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 contained 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.



AUSTRALASIAN CARNIVOROUS PLANT SOCIETY INC. MEMBERSHIP FORM

Membership Type (please circle): New Renewal

Journal Type (please circle): Printed - \$35/yr Electronic - \$25/yr

Membership Period (please circle): 2017 2018 2019 2020 2021 2022

Name:

Postal Address:

Suburb: State: Postcode:

County:

Email Address:

AUSTRALASIAN CARNIVOROUS PLANT SOCIETY

SEED BANK						
GENUS	SPECIES	Sub-Species	Variety / Form	QUANTITY	LOCATION DATA	Harvest Date
<i>Drosera</i>	auriculata			6	various	September 2012
<i>Drosera</i>	binata		T Form	1	Mt Compass, S.A.	December 2013
<i>Drosera</i>	binata			1	Ahipam, Nth Is. N.Z.	
<i>Drosera</i>	binata		dichotoma	1		January 2014
<i>Drosera</i>	binata		multifida	1		January 2016
<i>Drosera</i>	capensis		broad-leaf	2		February 2016
<i>Drosera</i>	coccicaulis		alba	1		
<i>Drosera</i>	coccicaulis			2		
<i>Drosera</i>	collinsiae			1	Usutlu	January 2016
<i>Drosera</i>	collinsiae			2		March 2016
<i>Drosera</i>	dielsiana			4		March 2016
<i>Drosera</i>	filiformis		Red	6		
<i>Drosera</i>	heterophylla			0		September 2016
<i>Drosera</i>	hookeri			2	various	October 2012
<i>Drosera</i>	indumenta		"swamp Form"	3	previously <i>D. macrantha</i>	October 2014
<i>Drosera</i>	intermedia		tropical form	3		
<i>Drosera</i>	macrantha		Swamp Form	2		
<i>Drosera</i>	macrantha	macrantha		1	Various	
<i>Drosera</i>	natalensis			1		August 2014
<i>Drosera</i>	nidiiformis			6		March 2016
<i>Drosera</i>	peltata			1	various	October 2012
<i>Drosera</i>	rotundifolia			8		
<i>Drosera</i>	spatulata			2	Ahipara, Nth. Is. N.Z.	
<i>Drosera</i>	spatulata		var. <i>lovellae</i>	1		
<i>Drosera</i>	yilgarnensis			0		
<i>Drosera</i>	X tokaiensis			2		March 2016
<i>Drosera</i>	X Snyderi			3		July 2016
<i>Drosera</i>	sp.			1	Auyan Tepui	
<i>Drosera</i>	sp.			1	Pretty Rosette, South Africa	Novemeber 2015
<i>Sarracenia</i>	purpurea	venosa		1	Hampstead N.C.	
<i>Stylium</i>	eriorhizum			2	Mount Fox, Nth QLD	
<i>Utricularia</i>	laterifolia			1	Newcastle	December 2015