



THE AUSTRALASIAN CARNIVOROUS PLANTS SOCIETY INC.

CARNIFLORA NEWS

August 2016

UPCOMING EVENTS

12th August 2016
AUSCPS Meeting
Plant theme - Heliamphora,
Cephalotus
Special Guest - Stewart McPherson

9th September 2016
AUSCPS Meeting
Plant theme - Roridula,
Drosophyllum

24th-25th September 2016
Kariong Rare Plant Fair

14th October 2016
AUSCPS Meeting
Plant theme - Nepenthes

16th October 2016
Damfest

11th November 2016
AUSCPS Meeting
Plant theme - Sarracenia,
Darlingtonia

3rd - 11th December 2016
Plants with Bite
Mt Tomah Botanic Gardens

13th January 2017
AUSCPS Meeting
Plant theme - Dionaea

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

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

Committee Member 1 – Marina Chong

Committee Member 2 – David Colbourn

Committee Member 3 – Glen Moss

Committee Member 4 – Position vacant



Australasian Carnivorous Plants Society



auscps@gmail.com



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



www.auscps.com/



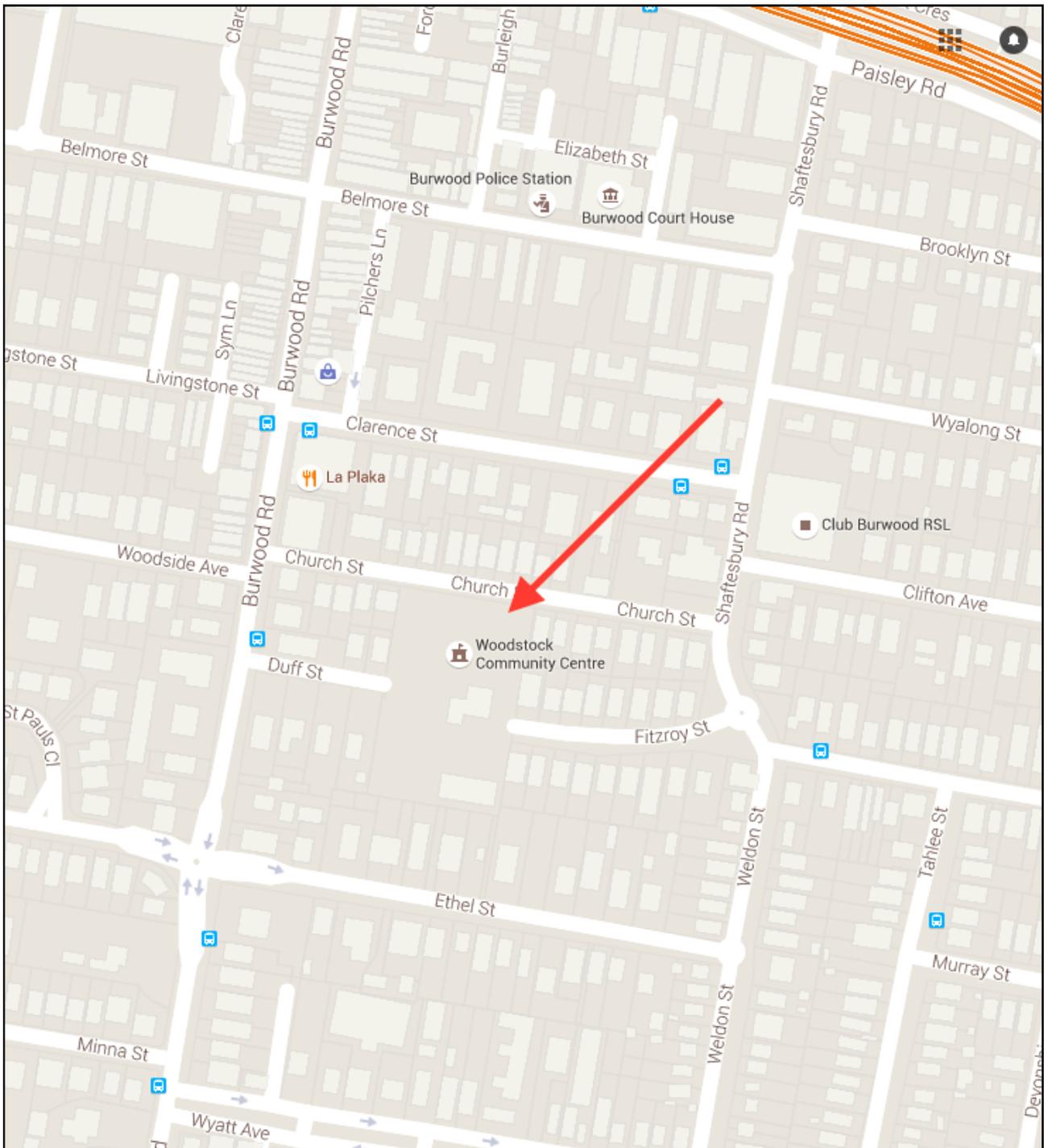
PO Box 70,
Burwood,
N.S.W. 1805

NEWS

WE'RE BACK

Renovations have been completed at the Woodstock Community Centre and as from August, we will return to Woodstock. Meetings will continue to be at 7:30 p.m. on the second Friday of each month.

Parking is at the rear of the Centre and is accessed from Fitzroy Street. The centre is wheelchair accessible and the meeting room is on the ground floor.



JOURNAL UPDATE

The September 2016 edition (pictured right) is near completion and will feature articles on the *Drosera cistiflora* complex (part 2), cultivation of *Genlisea hispidula*, *Utricularia livida* and *Nepenthes lowii* x *aristolochioides*.

Submission of articles and photographs for inclusion in *Carniflora Australis* is welcome. Articles on your collection, growing set-up, cultivation guides, discoveries of plants in nature, CP exploration trips and photographs of trips make great reading. Please send text and photographs as separate files to auscps@gmail.com.

Some members have reported some confusion over how they access the latest electronic edition of the journal. Below is a simplified process to help you access the journal.



1. Go to <https://auscps.wordpress.com/> or <https://auscps.org/> ,
2. Click on the Members tab,
3. Enter the password when prompted.

MEMBERSHIP

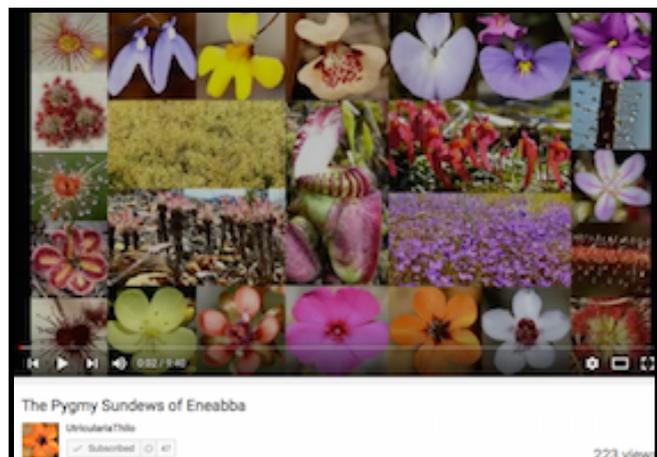
The Australasian Carnivorous Plants Society Inc. is now offering two forms of membership to cater for those who want to receive electronic versions of *Carniflora Australis* (\$25) and those who still prefer the printed version (\$35). The difference in cost is to cater for the increase in postage and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

New memberships and renewals may be obtained by attending our monthly meetings or by completing the membership form attached to this newsletter.

VIDEO OF THE MONTH

Thilo Krueger has published a series of YouTube videos documenting his recent trip to Australia in search of Carnivorous Plants. This video features the Pygmy Sundews of Eneabba.

blob: <https://www.youtube.com/61a8ca59-f658-4045-9486-4ea84e092c0c>



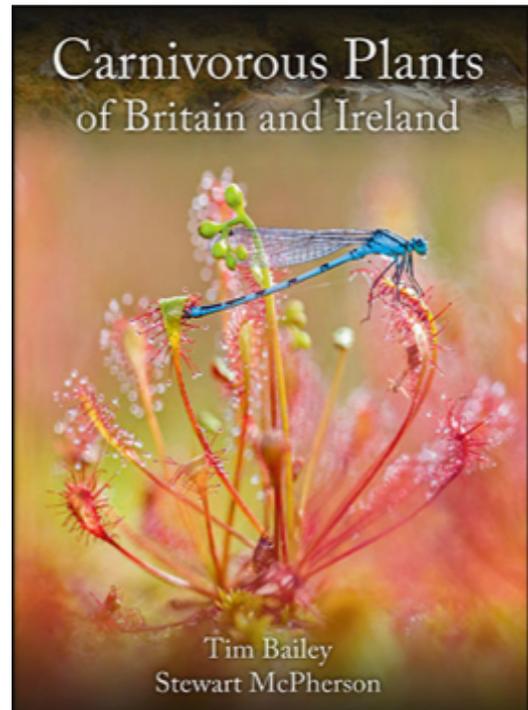
COMMITTEE MEMBER POSITION VACANT

The society currently has a vacancy on the committee. If you are interested in assisting the society promote the protection and cultivation of Carnivorous Plants, organising market stalls etc., please contact Wesley Fairhall or Dr. Robert Gibson at auscps@gmail.com.

GUEST SPEAKER

Our August meeting will feature a guest appearance by Stewart McPherson, founder of Redfern Natural History Publications, who will present a talk on his recent expedition in search of *Nepenthes clipeata* on Mt Kelam.

Mt Kelam is an exposed granitic dome in West Kalimantan, Borneo, with an altitude of 1002m. Access to the peak requires the climbing of a gigantic ladder. *Leptospermum* trees form a sparse canopy on the mountain's upper slopes, while grasses and *Sphagnum* moss cover the ground. The critically endangered pitcher plant species *Nepenthes clipeata* is endemic to Mount Kelam. Other *Nepenthes* native to this mountain include *N. albomarginata*, *N. ampullaria*, *N. rafflesiana*, and *N. reinwardtiana*. However, habitat stresses such as droughts and forest fires (particularly those caused by the El Niño of 1997– 1998) have destroyed much of the summit vegetation. The highly sought- after *N. clipeata* has additionally suffered from over-collection by plant hunters and is now close to extinction in the wild (Wikipedia).



Stewart will also be selling an assortment of his publications including his latest release, Carnivorous Plants of Britain and Ireland. Stewart, as always, will be happy to sign each book sold at the meeting.

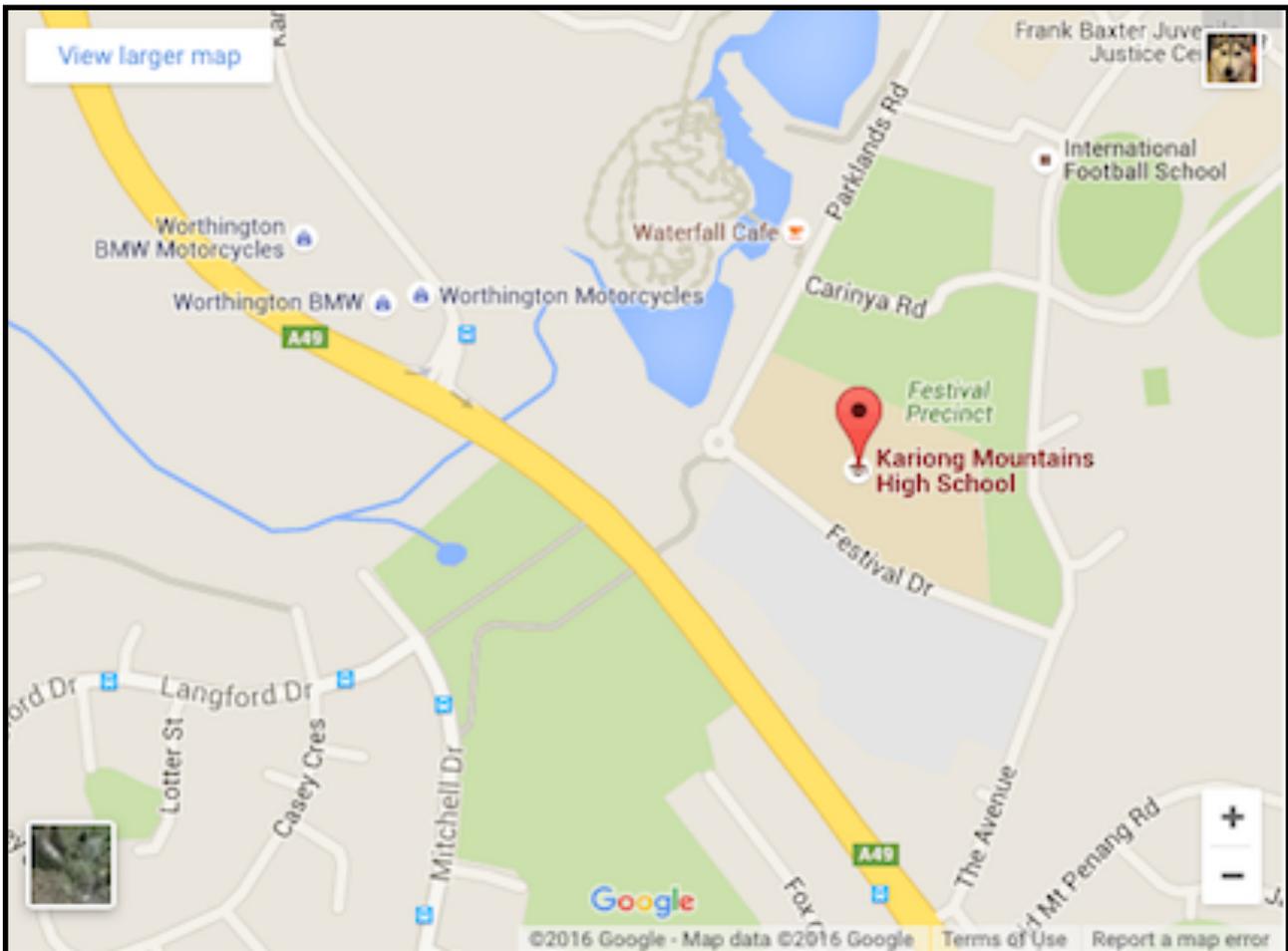
This is a great chance to meet one of the world's leading naturalists and listen to tales from his latest adventure so come along and bring a friend. We will have plenty of room and refreshments are provided after the meeting.



KARIONG RARE PLANT FAIR

The AUSCPS has booked a stall at the Kariong Rare Plant Fair on the Central Coast, near Gosford. The fair will be held at the Kariong Mountains High School, Festival Drive, Kariong on the weekend of the 24-25th of September 2016 between 9am and 4pm daily. This is a great opportunity for the society to promote the collection and cultivation of Carnivorous Plants and for members to sell their plants to enthusiastic growers, so start your preparations now and pot up those excess plants.

The fair will feature over 40 exhibitors with a focus on boutique nurseries selling rare, unusual and collectable plants.



DAMFEST

The AUSCPS will be manning a stall at the next Damfest in October. Damfest is an annual event held on the third Sunday of October at Warragamba, in western Sydney. This festival features a variety of stalls from the local area and attracts up to 8000 visitors. This is an excellent chance to sell plants and help share this great hobby with other people (10% commission goes to the Society). Consider coming along and selling plants, helping out, or just talking to people about the plants that fascinate us. All attending need to bring their own tables and chairs.

<http://www.sydney.com/events/dam-fest-warragamba>

PHOTOS

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

TUBEROUS DROSERA SEED

Dieter Kadereit has released his latest seed list of tuberous *Drosera*. His list may be found at <http://www.tuberous-drosera.net/sales.htm>

BRISBANE MEETING

The AUSCPS is exploring the idea of establishing a regular meeting in the Brisbane area for our S.E. Queensland members to meet and share this wonderful hobby with other enthusiasts under the AUSCPS banner.

The AUSCPS is looking for interest from our Brisbane members and followers to host monthly meetings. The administration of the society will continue as normal with an additional committee member from the area to manage the meetings and report to the secretary.

If you live in S.E. Queensland and know of other collectors in the area, then please contact the President, Wesley Fairhall, or David Colbourn at auscps@gmail.com, to express your interest in this venture.

So far, 20 people have expressed interest and we are currently looking for a suitable venue where meetings may be held.

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 it is expected there will be various presentations and talks about carnivorous plants.



NEPENTHES EXPEDITIONS

The team from Redfern Natural History has announced two new *Nepenthes* expeditions in the coming months.

Sumatra *Nepenthes* Expedition

Following on from our two very successful 2015 Sumatra Expeditions, we have planned an itinerary to explore the very best highlights of this incredible island to experience the most beautiful and most interesting of all Sumatran *Nepenthes* in the wild. Along the way, we have the chance to see blooms of *Amorphophallus titanum* and *Rafflesia arnoldii* - two of the biggest flowers in the world (in 2015, we observed a perfect, fully open, 90 cm *Rafflesia* bloom!) We may also encounter exquisite *Paphiopedilum* orchids in flower, and can visit fascinating Minangkabau villages with unique "bulls horn" houses and rice barns.

During this expedition, we expect to observe:

Nepenthes adnata, *N. ampullaria*, *N. aristolochioides*, *N. dubia*, *N. eustachya* (red forms and white forms), *N. gracilis*, *N. gymnamphora*, *N. inermis*, *N. izumiae*, *N. jacquelineae*, *N. jamban*, *N. longifolia*, *N. lingulata*, *N. ovata*, *N. rafflesiana*, *N. reinwardtiana*, *N. rhombicaulis*, *N. rigidifolia*, *N. singalana*, *N. spectabilis*, *N. sumatrana*, *N. 'taminii'* and *N. tobaica*.

The exact dates can be decided by the group, but we are working towards **late November / early December 2016**.

Spectacular Philippine *Nepenthes* Expedition
Mount Hamiguitan has just opened as a World Heritage Site! The four endemic *Nepenthes* species of this extraordinary mountain are among the most beautiful of all carnivorous plants! Very few people have ever seen these *Nepenthes* in the wild.



After launching numerous very successful botanical tours to the Philippines, we have structured a trip that is designed to show this wonderful country's most stunning pitcher plants. The itinerary takes in Mount Guiting-Guiting on Sibuyan, with a spectacular ridge through the clouds that offers some of the most breath-taking views in all of Southeast Asia.

During this expedition, we expect to observe: *Nepenthes alata*, *N. argentii*, *N. bellii*, *N. hamiguitanensis*, *N. justinae*, *N. merilliana*, *N. micramphora*, *N. mindanaoensis*, *N. peltata*, *N. robcantleyi*, *N. sibuyanensis* and *N. truncata*.

The exact dates can be decided by the group, but we are working towards March / April 2017.

Both expeditions offer the chance to observe and photograph many of the most interesting *Nepenthes* species in their natural habitats, as well as an immense array of orchids, birdlife, primates, stunning landscapes and fascinating local cultures.

MEETING SUMMARY

The July meeting was well attended with 16 members and visitors in attendance. The A.G.M. was held with all current committee members returned to their current roles.

Discussion was held on the following items of interest:

- The treasurer reported to the committee and attendees the society's current financial statement. In summary, the society is operating in the black with a current bank balance of \$2414 with 48 members.
- This meeting was our last at the Ralston Room with the August, and subsequent meetings back at the Woodstock Community Centre.
- The AUSCPS will be holding a stall at the Kariong Rare Plant fair on the weekend of the 25-26th September 2016.
- The society's post box has now changed to PO Box 70, Burwood, NSW 1805.
- The plant theme for July was tuberous *Drosera*, with many fine examples on display. Plant of the month was won by David Colbourn with a colony pot of *Drosera collina* (*Drosera erythrorhiza* ssp. *collina* pictured below). David grows his plants in a 30cm plastic pot of peat and sand (50/50). Some plants had flowered and were showing maturing seed pods, with some seed having fallen on the sticky leaves. Fresh seed will be available to members to purchase from the seed bank.



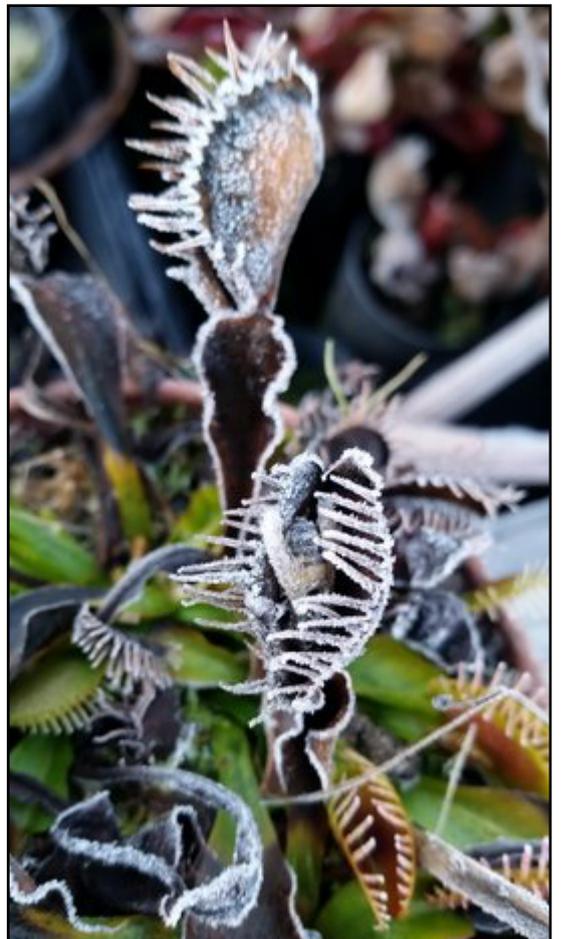
- Glen Harvey from the Port Hacking Wildflower Group is looking for a member of the AusCPS to attend one of their forthcoming meetings as a guest speaker. The group meets on the second Friday of each month at the Sutherland Multi-Purpose Centre starting at around 8 p.m. They are keen to have a presentation at their meeting on either 12th August or 11th November. Glen would love to hear how the various carnivorous plants have adapted (leaf appendages etc.), why the need to adapt? The range of plants species, and perhaps some slides of the native species. Glen can be contacted on 9542 0692 (business hours) or 0422 966 010). Note that the Port Hacking Group meetings coincide with those of the AusCPS.
- The proposal of meetings held in Brisbane is gaining momentum with 20 people registering their interest. Work is underway to find a mutually acceptable venue.
- Our next meeting will be held on Friday the 12th of August 2016. The plant theme for this month is *Cephalotus and Heliamphora*. Bring along your plants for show and your excess plants for sale. Other genera are welcome. Plants sales are reserved for financial members only with 10% of sales from meetings returned to the society. Sales from other events may have a higher percentage. This “levy” helps finance the meeting rooms and stalls held by the society.
- Stewart McPherson will be presenting a 20 minute video and a 20 minute slide show on his expedition to re-discover *Nepenthes clipeata* at the August meeting. Stew will be fresh off the plane from the International Carnivorous Plant conference in London, so we can expect an update on how the conference went.



PHOTOS



A selection of Winter photographs from Ross Rowe



IN THE GREENHOUSE

ALDROVANDA

Plants will now be dormant with floating/sinking turion.

BROCCHINIA / CATOPSIS

Maintain high light levels and humidity. Protect from frost. (Right - *B. reducta*)

BYBLIS

Byblis gigantea and *lamellata* will now be in full growth. Keep the soil moist. The northern annual species of *Byblis* will now be dead. Store the collected seed.

CEPHALOTUS

Keep the soil moist. Avoid fungal problems by keeping good air movement around the plants.

DARLINGTONIA

Darlingtonia is now dormant. Keep moist and expose to cold temperatures for as long as possible. Sow seed onto sphagnum or peat and keep moist and cold to ensure their stratification. Seed will germinate in Spring. Plants should be divided and potted up in August.

DIONAEA

All VFTs will be dormant. Sow seed onto your preferred medium. Seed will germinate in Spring.

DROSERA

Tuberous *Drosera* are now in active growth with the tall growing species about to flower. Pollinate the flowers. Keep the pots moist.

Pygmy *Drosera* are now in leaf production phase. Keep plants moist to wet.

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

Tropical and sub-tropical species will be in growth, albeit slower than normal. Keep protected from frost.

Temperate *Drosera* such as *D. filiformis*, *D. intermedia* and *D. rotundifolia* are now dormant.

DROSOPHYLLUM

Drosophyllum will be in active growth. *Drosophyllum* tolerates higher soil moisture levels during the colder months and may be watered using the tray method.

GENLISEA

Genlisea should be in flower and active growth. Keep the water levels high with these species. Keep protected from frost.

HELIAMPHORA



Keep plants in a bright and humid location. Light levels may be increased with the cooler nights. (Right - *H. X Tequila*)

NEPENTHES

Lowland species may need extra heating. Aim to keep the lowland plants above 15°C. Spotting of the leaves is a sign of temperatures being too low.

Highland species enjoy the cooler nights and will continue to grow. Keep plants above 5°C.

PINGUICULA

Mexican species/hybrids are dormant and should have produced their non-carnivorous winter leaves. Keep the soil drier.

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



RORIDULA

Roridula growth rates should 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 place in very bright situations. Ensure good air circulation to avoid fungal attack of the seedlings.

SARRACENIA

All *Sarracenia* species/hybrids are now dormant. Some plants may begin to send up their flowers in late August. Look for a swelling of the growing point. Keep the existing pitchers/leaves on the plants until late Winter. Harvest seed and sow onto your preferred mix. Germination will occur in Spring. Plants should be divided and potted up in August.

UTRICULARIA

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

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

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

Tropical *Utricularia* - Maintain higher temperatures, humidity and air movement. Keep soils moist. May be brought indoors and placed on a bright windowsill. (Right - *U. alpina*)



MERCHANDISE

SEED BANK

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

Seed packets are \$1 for members and \$3 for non-members. Excess and old seed is now being sold on ebay. Donations of seed are welcome. Please supply location data if available. Your Seed Bank Officer is David Colbourn. Email: davecolbourn@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.



These high quality T-Shirts are being offered for \$35 each. T-Shirts come in white and black, and are available in sizes Small to XXL.

To order the T-Shirts, contact David at davecolbourn@gmail.com with your size request and payment receipt. Payment can be made to the society by:

Cash, at meetings;

Direct deposit, into the society's bank account
Acc. Name: Australasian Carnivorous Plant Society Inc.,
Acc. BSB: 112879,
Acc. Number: 195074412,
Ref: Use your name, email address and 'T-Shirt'; or via

Paypal (Follow the payment instructions in the attached membership form).

An email will be sent to you when the T-Shirt is ready. Collection of the T-Shirts is at our monthly meetings or they can be posted at an additional cost. Please select the correct size of the T-Shirt as refunds are not possible.

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 6.2L (2.3kg) of high quality Lithuanian 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

The society has one XXL T-shirt, as pictured above, for sale for \$35. Contact David at auscps@gmail.com to purchase this shirt.

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
Internet Services

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



LITTLE POT OF HORRORS
littlepotofhorrors@gmail.com

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

MEMBERSHIP FORM

Australasian Carnivorous Plant Society INC. is a non-profit organisation formed in December 2002 to promote the cultivation, conservation and knowledge about 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*.

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 1/2 yearly 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.

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 4009,
Kingsway West,
NSW 2208 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):	2016	2017	2018	2019	2020

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
Drosera	auriculata			6	various	September 2012
Drosera	binata		T Form	1	Mt Compass, S.A.	December 2013
Drosera	binata			1	Ahipam, Nth Is. N.Z.	
Drosera	binata			1	Ruapehu, NZ	
Drosera	binata		dichotoma	1		January 2014
Drosera	binata		multifida	1		January 2016
Drosera	burmannii			1		February 2016
Drosera	capensis		broad-leaf	1		February 2016
Drosera	coccicaulis		alba	2		
Drosera	collinsiae			1	Usutlu	January 2016
Drosera	collinsiae			2		March 2016
Drosera	dielsiana			2		March 2016
Drosera	filiformis			1		February 2016
Drosera	hookeri			5	various	October 2012
Drosera	indumenta		"swamp Form"	3	previously D. macrantha	October 2014
Drosera	intermedia		tropical form	6		
Drosera	macrantha		Swamp Form	5		
Drosera	macrantha	macrantha		5	Various	
Drosera	natalensis			2		August 2014
Drosera	nidiformis			1		March 2016
Drosera	peltata			1	various	October 2012
Drosera	spatulata			2	Ahipara, Nth. Is. N.Z.	
Drosera	spatulata		var. lovellae	1		
Drosera	venusta			1		February 2016
Drosera	X tokaiensis			2		March 2016
Drosera	sp.			0	Lantau Island	
Drosera	sp.			1	Auyan Tepui	
Drosera	sp.			1	Pretty Rosette, South Africa	Novemeber 2015
Sarracenia	leucophylla		Red -	2	open pollinated	April 2013
Sarracenia	purpurea	venosa		1	Hampstead N.C.	
Sarracenia	oreophila			1		
Sarracenia	alata "Red Throat" x flava var. rubricorpora			1		
Stylidium	erorhizum			3	Mount Fox, Nth QLD	
Utricularia	multifida		Split Petal	3	ex.Phil Mann	2014
Utricularia	laterifolia			2	Newcastle	December 2015
Drosophyllum	lusitanicum			2	Algeciras, Spain	
Drosophyllum	lusitanicum			1	Ubrique, Spain	