



THE AUSTRALASIAN CARNIVOROUS PLANTS SOCIETY INC.

CARNIFLORA NEWS

February 2016

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UPCOMING EVENTS

12th February 2016
AUSCPS Meeting
Plant theme - Utricularia,
Aldrovanda, Genlisea

11th March 2016
AUSCPS Meeting
Annual General Meeting
Plant theme - Drosera, Byblis

27th March 2016
Royal Easter Show CP judging

8th April 2016
AUSCPS Meeting
Plant theme - Pinguicula

9-10th April 2016
Collectors Plant Fair

13th May 2016
AUSCPS Meeting
Plant theme - Pygmy Drosera

10th June 2016
AUSCPS Meeting
Plant theme - Catopsis,
Brocchinia

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

NEWS

Membership

Join now

Membership is now due for 2016.

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.

Over the past year the society Executive has been busy reviewing, updating and implementing existing services to reach a broader range of enthusiasts and provide value for money for your membership fee.

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

Without a strong and committed membership the Australasian Carnivorous Plant Society Inc. will cease to exist, so if you love carnivorous plants, love to read *Carniflora Australis* and love to meet other growers and collectors, then NOW is the time to join.

Photos

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

NEW DISCOVERY

Members of the society recently discovered a very rare white / pale pink flowering form of *Utricularia biloba* south of Sydney. Only one plant was located growing with typical colour forms of the same species. This discovery is believed to be the first white flowering form of *Utricularia biloba* recorded. A report of the find will be published in *Carniflora Australis* soon.



RECENT CARNIVOROUS PLANTS SOLD ON EBAY (AUSTRALIA)



**Heliamphora
heterodoxa - \$152.50**



**Dionaea muscipula
"Werewolf Spawn" - \$108.50**



**Nepenthes 'Predator'
- \$86.00**

The ugly consequences of gluttony in Sarracenia



Its spring and following the late winter clean up of frost-dried pitchers, flowers and new pitchers have burst forth in my Sarracenia ponds. Ponds might be a little generous, my Sarracenia pots sit suspended on wire mesh with about 20cm of water beneath the mesh and 2-5cm of water above. The three ponds are contained by railway sleepers with pond lining and each measures approximately 2.4m x 1.2m.

The warmth of spring has not only brought the Sarracenia to life but of course the veggie patch, the lawn, the weeds throughout and also the insects. Bees are busy from the back yard hive, a few blowflies, and hundreds of the native hover flies about the berry flowers. Hover flies are something of a favourite with their sensational ability to hover, attractive black and gold colouring and reportedly the ability to be as efficient at controlling aphid as ladybirds and lacewing. The hover fly larvae feed on aphid larvae and are consequently encouraged in the home garden.

With the opening of the first of the new season pitchers, it is with some dismay and sadness that I inspect the brand new

tubes early on a Saturday morning to see tens and dozens of little hover flies with their big buggy red eyes peering up from within the depths of the fresh tubes. Not just peering up but clamouring continuously and vainly for traction on the slick inner walls.

By the second or third day of opening many tubes have blowflies, a Bogong moth, possibly a wasp and countless hover flies to the point of being stuffed to capacity and apparently unable to capture any more nutritious morsels.

At this point the sin and ugly side of their gluttony and overly nutritious diet sets in. Apart from the slightly sweet rotting smell, sections of the tube begin to burn with the richness of the decaying smorgasbord of insects within. In the worst cases the fresh tubes burn completely with the hoods browning and collapsing. In other cases the outer spine of the tube survives and sections of 2-10cm die back with the hood persisting. Small holes may also appear on the tube as maggots eat their way through to fall to the pot surface. Their initial glory of spring growth has been marred by the gluttonous feasting and subsequent indigestion.



After a week or so, sacrificial opening of a couple of pitchers is greeted by a rather unpleasant smell, quantities of brown liquid in the lower sections of the tube and barely discernible remnants of the individual flies that comprised the feast. The tubes in the pictures were about 40cm tall and 4-5cm diameter at the top.

With each tube capturing a conservatively estimated 20 hover flies, my estimate is that more than a 1000 hover flies have nourished my Sarracenia in the first few weeks of spring growth.

Ross Rowe
Canberra



The remnants of hover flies, blowflies and moths. Maggots in their element. Putrescent liquids and aromas lost in the photography! The scalpel is 160mm in length. Photos by Ross Rowe.



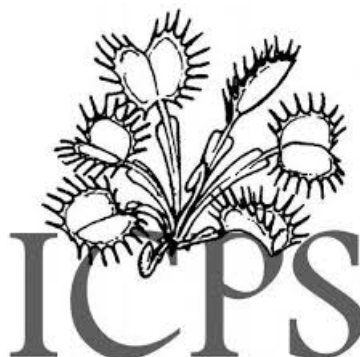
A 130mm diameter pot of *S. flava* with indigestion. The plant is approx. 50cm tall. Photos by Ross Rowe.



ICPS CONFERENCE - LONDON - 5-7 AUGUST 2016

The 2016 ICPS Conference is being held at the Royal Botanical Gardens Kew in London this year.

Conference speakers - have yet to be finalised but it is anticipated a full programme will cover matters of botanical, conservation, field studies and cultivation issues. A conference dinner will be held at a Gardens on the evening of 6 Conference attendees will have Herbarium where many historic interest are held and to collections in their private Kew's many attractions will be conference.



restaurant close to Kew August. the opportunity to visit Kew's specimens of scientific and visit Kew's extensive CP glasshouses. Full access to available throughout the

To coincide with the ICPS feature Carnivorous Plants as a Festival which will be open to the public. This will include plant displays, public lectures, film shows and an extensive cp sellers/display area which will be open throughout the conference.

On Monday 8 August conference attendees may join a trip to Charles Darwin's House in Kent and on Tuesday and Wednesday attendees may join a field trip to see indigenous and introduced CP species in the New Forest and Southern Dorset.

Details of the conference are shown on the ICPS facebook page at <https://www.facebook.com/InternationalCarnivorousPlantSociety/?fref=ts> and on our website at <http://www.thecps.org.uk/page.php?id=16>. Further details will be published when they are finalised.

We know that planning is on everyone's mind, so if you are looking into this please make sure to check out this: <http://www.kew.org/visit-kew-gardens/plan-your-visit/getting-here>

For general enquiries about the ICPS Conference please contact us via <http://www.thecps.org.uk/contact.php>

PINGUICULA BOOK RELEASE

Redfern Natural History is about to release the long awaited Pinguicula books. Printing starts in January 2016, so those who have pre-ordered can expect them a month or two later.

<http://www.redfernnaturalhistory.com/books/pinguicula-combo/>



THE SYDNEY ROYAL FLOWER AND GARDEN SHOW

The Royal Easter Show is fast approaching and applications are being sought for the display of Carnivorous Plants at the Show.

The display of Carnivorous Plants at the Royal Easter Show is a new initiative for the Society with previous and current members participating and winning awards for their plants. This year the show will be run from the **17th to the 30th of March 2016**.

The show is a great way of promoting Carnivorous Plants and the society, with a chance for entrants to receive recognition for their plants.

Applications for the competition are now open and must be completed by the 2nd of March 2016.

Below are show web addresses for information and application forms for entry into the competition:

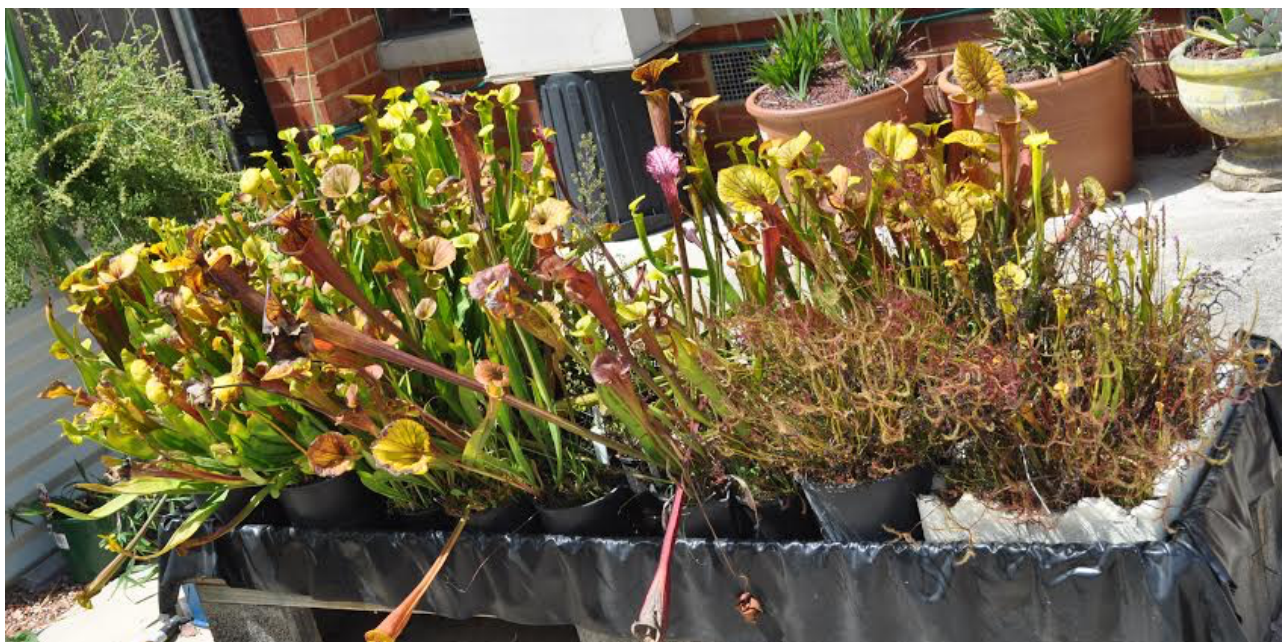
<http://www.sydneyroyal.com.au/FlowerGarden.htm>

<http://www.sydneyroyal.com.au/1066.htm>

[http://www.sydneyroyal.com.au/2016FlowerGardenShowApplicationForEntryNomination\(1\).pdf](http://www.sydneyroyal.com.au/2016FlowerGardenShowApplicationForEntryNomination(1).pdf)

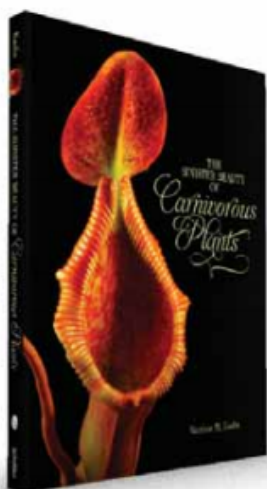
[http://www.sydneyroyal.com.au/2016FlowerGardenShowScheduleWeb\(4\).pdf](http://www.sydneyroyal.com.au/2016FlowerGardenShowScheduleWeb(4).pdf)

***Sarracenia* collection. Photographed by John Nielsen**



CARNIVOROUS PLANT BOOK RELEASE

The Sinister Beauty of carnivorous Plants by Matthew M. Kaelin will be released soon. Below are photographs from the book and a short description about the book and author.



AVAILABLE May

SPECIFICATIONS

ISBN: 978-0-7643-5098-6

Size: 9" x 12"

Pages: 144

Images: 145 color photos

Binding: hard cover

Price: \$34.99

- The allure of carnivorous plants is displayed in this collection of fine art-style botanical photos
- The plants are filmed in a controlled studio setting as well as their natural environment
- Includes a natural history reference of carnivorous plants native to Long Island, NY

ABOUT THE BOOK

The alluring nature of carnivorous plants is on stunning display in this fine art-style collection of botanical photographs. Over 140 color images show in minute detail species, hybrids, and cultivars from around the world, many painstakingly cultivated by the author in his native New York. The images were taken in a studio setting as well as in their natural environment. Detailed captions and text contain horticultural information like genus, species, and common names, ranges, and conservation status. Additional sections offer a primer on equipment and conditions for growing the specimens; identify threats to the plants' natural habitats and the conservation organizations that are working to protect them; and present a survey of Long Island's native carnivorous plants, making this a valuable horticultural reference as well. This book will appeal to both fine art photography aficionados and horticultural enthusiasts.

ABOUT THE AUTHOR

Matthew M. Kaelin has been cultivating carnivorous plants for more than two decades. His photography has been exhibited in fine art galleries, he has authored natural history articles, won horticultural awards, and named two *Nepenthes* cultivars.

Author location:

Long Island, NY



SCHIFFER
PUBLISHING

4880 LOWER VALLEY ROAD | ATGLEN, PA 19310
PHONE: (610) 593-1777 | FAX: (610) 593-2002
www.schifferbooks.com

MEETING SUMMARY

Monthly Meeting Venue

Renovations of the Woodstock Community Centre continue.

Meetings will be held at the RALSTON ROOM, Burwood Library and Community Hub, 2 Condor Street, Burwood (3 blocks West of Burwood Station: on the corner of Railway Parade and Condor Street).

This room is immediately above the library and is accessed from stairs and a lift located by the southern door to the library.

The library closes at 7.30 p.m. After this time you will need to phone through so that someone in the meeting will come down and let you in via the door that faces Hornsey Street. Thus the best place to park is in the carpark opposite the venue on the other side of Hornsey Street.

The January meeting was well attended with some new members and visitors. The theme of the night was *Dionaea*. Kieran King and David Colbourn brought in some nice specimens and cultivars. Kieran presented a rescued plant from Bunnings which is now producing 4cm+ traps. The plant was growing in standard peat:sand mix in mostly full sun.

Our next meeting is on the 12th February, 2016 in the Ralston Room at the Burwood Community Hub. The plant theme for this month is *Utricularia*, *Aldrovanda* and *Genlisea*. 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.



IN THE GREENHOUSE

Aldrovanda

Growth rates will be fast and plants will multiple rapidly. Keep algae under control. Pollinated flowers will dip below the surface of the water. Harvest seed.

Brocchinia / Catopsis

Maintain high light levels and humidity. Apply light foliar fertilisation. Pups will be produced and may be divided when mature enough. Mature plants may now be sending up scapes.

Byblis

Byblis gigantea and lamellata are dormant. Keep dry.

The northern species of Byblis will start to flower. Growth rates will be high. Keep moist and humidity high. Flowers can be cross pollinated.

Cephalotus

Flowering will be well advanced and may be self-pollinated to produce seed. Keep the soil moist and cool. 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 increasing so it is imperative that the roots are kept cool.

Dionaea

All VFTs should be in active growth, with flowers starting to die - collect the seed. Feed with flies to boost growth and plant size.

Drosera

Tuberous Drosera are dormant. Pots should be dry. 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. Fertilise with a light foliar feed to boost growth.

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 and are at risk of root rot. Flowers on mature specimens may emerge. The flowers are self- fertile.

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. 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. Mature plants may flower. Individual plants are either male or female, therefore flowering of each sex at the same time is needed to pollinate the flowers. Collect seed and sow immediately for maximum germination. Keep humidity higher during periods of warm to hot temperatures.

Pinguicula

Mexican species/hybrids will begin to produce their carnivorous Summer leaves. Increase watering and humidity. Shading may be required. 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 species such as *P. primuliflora* and *lusitanica* will have mature seed. Collect and sow on moist peat or dead sphagnum. Keep the water up to *P. primuliflora* and take leaf cuttings.

Roridula

Roridula should be 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

Sarracenia flava, *oreophila* and *alata* will now produce their phyllodia - winter leaves. *Sarracenia leucophylla* and *rubra* will begin to produce their mature pitchers. Their prime season is Autumn.

Utricularia

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



A selection of *Dionaea* cultivated by Kieran King



SEED BANK NEWS

There currently is a good range of seed available in the seed bank. New arrivals are *D. regia*, *D. sessilifolia*, *D. hookeri*, *D. sp.* 'Pretty Rosette', *U. multifida* and *U. multifida* "Split Petal", *Darlingtonia californica* (one pack per member), *Cephalotus follicularis* (one pack per member), *Utricularia laterifolia* and *Drosophyllum lusitanicum*. Thank you to Phillipe Reyter, Kirk Hirsch and Robert Gibson for their kind donations.

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 attached to the end of this newsletter.

CLASSIFIEDS

Advertising in this newsletter is permitted. Place all classified enquiries with the societies 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.

A selection of *Sarracenia* - Photo by David Colbourn



THE CURRENT EXECUTIVE

The Current Executive for the ACPS comprises:

President & Public Officer - Wesley Fairhall

Vice President – Robert Gibson

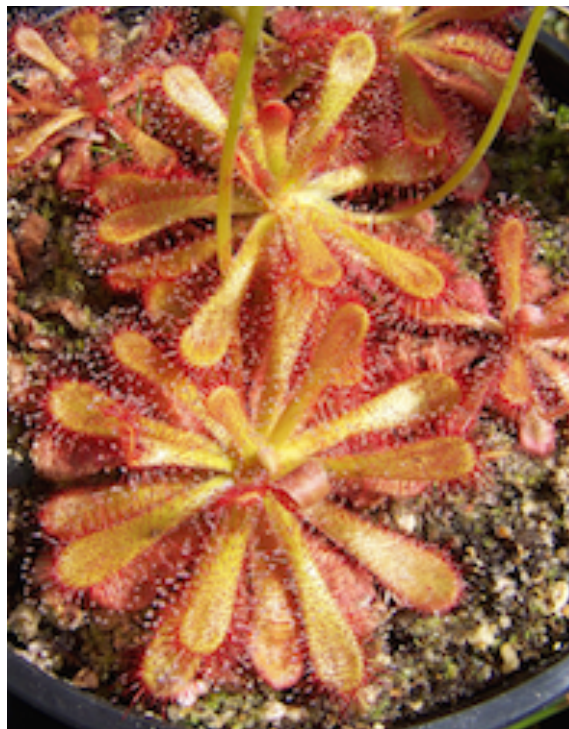
Treasurer, Secretary & Publicity Officer – Kirk
'Fuzzy' Hirsch

Committee Member 1 – Marina Chong

Committee Member 2 – David Colbourn

Committee Member 3 – Glen Moss

Committee Member 4 – Terry Watts



Above - *Drosera coccicaulis*.
Photo by David Colbourn

CONTACT US



Australasian Carnivorous Plants
Society



auscps@gmail.com



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



www.auscps.com/



Right - *Nepenthes X Emmarene*.
Photo by David Colbourn

MEMBERSHIP FORM

The 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 plants stalls, 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 "WebController@Auscps.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	2016-17	2016-18	2016-19	2016-20

Name:

Postal Address:

Suburb: State:

Postcode: County:

Email Address: