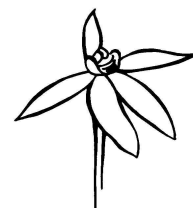


Bulletin of the Orchid Society of Canberra, Inc.

Petochilus fuscatus



GPO Box 612, Canberra, ACT, 2601, Australia
Volume 20, Number 6

November-
December 2005

Regular monthly meetings

Monthly meetings of the Society are held on the first **Wednesday** of each month (except January) at the **Canberra Senior Citizens Club (10 Watson St., Turner)**. Meetings commence at 8:00pm with the library and trading table open from 7:30pm.

November 2005: Trevor Hughes of Ikeda Nursery with his annual presentation on how to grow cymbidiums. Those that were given a seedling of 'Margaret Thatcher', please bring it to the meeting

December 2005: THE CHRISTMAS PARTY: Bring food and orchids to show.

Orchid Society of Canberra Events

NEW MEMBER WORKSHOP: Sunday, October 30 at 10:30 AM at Robyn Noel's, 7 Newland St. Flynn. A chance for both new and old members to meet and repot their orchids.

Upcoming Orchid Events

Horticultural Society of Canberra Show

Sat/Sun 12-13 November 2005
Wesley Uniting Church, Griffith

Dark Star Orchids Open Day, Including Hill's

District Orchids and Tinonee Orchids
9-4 Sunday 4 December 2005
183 Windsor Road, Northmead, NSW

President's Comments

As you will all have noticed, the Senior Centre has a new floor which is why our October meeting had to be delayed. Please be very careful of it. Don't drag chairs and tables etc but carry them as you help with the setup and clean up. Also please be careful not to spill bark, food or drink on the floor without cleaning it up. We are responsible to keep it in good nick for the other users.

For the past few years, Ray Palmer has been responsible for providing tea coffee and biscuits during the meeting. He won't be able to attend the next few meetings but we hope that he will be able to start attending the meetings again in the New Year. He has done a wonderful job and we have all enjoyed his company and enthusiasm. We all owe him a vote of

thanks. At the October meeting, Bob and Norma Bush will take over his duties and will organize the tea and coffee. Our thanks to them for being willing to do this job.

For those of you who attended the Show, it was a great success. Over 500 people came on Saturday and another 400 on Sunday, our largest attendance in a number of years. On behalf of the Club, I would like to specially thank those who worked so hard and effectively to make it happen. Robyn Noel, Bill Ferris, Jane Wright, Mark Frasier, Sandra Corbet, Bob and Audrey Rough as well as others put a lot of effort and energy into the show and the results were great. We also should thank all those who came and helped in various and important ways on the sales tables, in the kitchen and on the admission table. Others helped with the setup and clean up as well. Thanks to you all! The Committee has been thinking about ways to make the sales table and admission process less hectic in those first hours. There is a mad rush of people buying up the cymbidiums and other orchids and we need to make the process of getting people in and out smoother and with less of a strain on our members manning the desks. We hope to develop a better system for next year. We would also like to thank all those who brought their precious plants to show off and compete for prizes. There were some really beautiful plants and it was great to see them admired by so many people. The judges were impressed again by the variety and quality of the plants exhibited.

Committee Members

President- Ben Walcott	6161 2742
Vice President- Robert Bush	6297 1427
Treasurer- Robyn Noel	6258 5734
Secretary- Barbara Corsini	6247 7289
Yvonne Day	6297 5162
Bill Ferris	6297 5635
David Judge	6278 4806
Gerlinde Lenz	6288 7413
Robert Rough	6241 2729

Committee meetings:

November 2005: Bill Ferris

January 2006: (Jan 14 at 3:30 PM) Ben and Ros Walcott

Annual Subscriptions

\$25 single, \$30 joint, \$5 junior membership.

Disclaimer

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New Member Workshop

This year we have had a number of new members, particularly in the past few months. I would like to welcome them all to the Club and hope that they find the meetings and social events as pleasant and useful as we do. To that end, there is a New Members Workshop to be held at Robyn Noel's house (7 Newland St., Flynn) starting at 10:30 on **Sunday October 30**. While this Workshop is aimed at showing new members various tricks of repotting etc, it is also a time to meet old members. We encourage **all** members to attend if they can. Bring something to BBQ or sandwiches etc for lunch and make it an occasion. We hope that many of you can come and make it a memorable event. Please bring any plants that you would like repotted along with a new pot(s) and medium.

South & West Regional Conference, Albury

On the long weekend in October, a few cars headed down to Albury bearing plants and props to stage Canberra's display for the regional conference. The display team was composed of Sandra Corbett, Mark Fraser, Robyn Noel and Jane Wright. Sandra had the idea of a musical theme and we all got stuck into finding/preparing the bits and pieces for the resulting display (see photo), which took second place in the club competition. Individual plant prizes won were: Mark & Sandra 2nd prize for their *Masdevallia ignea*, Nita Wheeler 1st prize for *Pterostylis baptistii* and Jane Wright 1st for *Vascostylis* Firefox 'Magic'. Thanks to all the other members that lent us the beautiful plants for the display: Terry and Julieanne Turner, Robert Rough, Sheila Cudmore, Brian Leedham and Mark Clements. We also appreciated the support given by other club members that attended - Brian Leedham, Ross and Tina Anderson, Tony Lanza and Shirley Moore.



The show was very interesting, with some very nice plants. I don't believe I have ever before seen a larger number of plants of *Thelychiton speciosus* in flower. In addition to the show, there was a wonderful sales area with 5 commercial nurseries plying their wares and society sales. There were some really great bargains to be

had – some of which were sold on the sales table at the October meeting. The most exciting part of the whole weekend was packing the cars to return home. The photograph below shows Sandra Corbett with all the plants that were (somehow!) squeezed into 2 cars for the return journey.



Jane Wright

OSNSW Show, Cronulla 15-16 October 2005

I went to the show in Cronulla recently and want to report that it was a really good event. It is a new show for the OSNSW, and very much worth supporting. It was held in the Cronulla Sharks Club, which meant that it was easy to get to, plenty of room for the display and sales area, good food, and heaps of free parking. A number of clubs, commercial growers and hobbyists put on displays. The quality of the flowers was very good – a few orchids received awards. The sarcs were absolutely wonderful. The best specimen of the show was a sarc about 1 meter in diameter with hundreds of racemes. The sales area could only be described as awesome, with 18 different vendors. I came home with a car full of plants for myself, friends and our own club.

I was asked if Canberra would be interested in participating next year. They'd really like to have us, so I will be suggesting it to the committee. At the very least, it is worth a drive to go shopping!

Jane Wright

Horticultural Society of Canberra Show

Spring Exhibition and Rose Show

Saturday 12 Nov (noon-5pm), Sunday 13 Nov (11:30-4pm). Lancaster Hall at Wesley Uniting Church, Fitzroy Street between National and Dominion Circuits, Griffith.

Members are encouraged to enter their orchids in the classes organized specifically for the Orchid Society. The procedure for entering plants is:

1. By 8pm on the Thursday preceding the show (10 Nov), phone Mrs. Linn Doyle (02) 6231 7755, and tell her how many plants of each category you plan to enter. Note that you must have owned and been in possession of the orchids for at least 6 months.
2. Bring your plants to Lancaster Hall for staging on Friday (6-10pm) or Saturday (7:30-10am). There is a 10 cent charge for each entry.
3. If you win any prizes, your winnings (1st \$1, 2nd 50c) must be collected before the show closes. Uncollected money will revert to the Horticultural Society.
4. Collect your plants immediately the show closes at 4pm on Sunday. The speed at which this Society can pull down a show is awesome!

You are welcome to enter flowers in any of the categories: if you are interested, pick up a schedule at the meeting.

The orchid classes are:

- | | |
|-----|----------------------------|
| 127 | One cymbidium |
| 128 | One standard cattleya |
| 129 | One intermediate cattleya |
| 130 | One miniature cattleya |
| 131 | One paphiopedilum |
| 132 | One vandaceous alliance |
| 133 | One oncidium alliance |
| 134 | One native orchid |
| 135 | One pleurothallid alliance |
| 136 | Any other orchid species |
| 137 | Any other orchid hybrid |

September General Meeting 2005

Attendance: 48.

Visitors: Glenna Key, Alison McKenzie, Gerda Mark, Trish Haggard, hazel McKenzie Kay, Re Jeffs, Fay Judge, Loris Home, Paul Cheeseman, Jan and Roger Dobby.

Apologies: Ann and Bill Osmand, Lynne and Brian Phelan, Peter and Sheila Cudmore and Gerlinde Lenz.

New members: Jenny Marks, Leslie Cheeseman, Charlotte Bakos, Coral Ogiline.

Announcements:

- More volunteers needed for the show, particularly the kitchen.
- The October meeting to be on the 3rd Wednesday of October as the floor in the Seniors Centre is being redone – The talk will be with David Judge on slipper orchids.
- The bulletin is currently being email to 20 people. Anyone else is welcome to be on this list.

July minutes: Moved by Ross Anderson, seconded by Julie-Ann Turner and accepted by all.

August minutes: Moved by Terry Turner, seconded by Brian Leedham and accepted by all.

Evening Talk:

Rob Rough gave a talk on his recent trip to China. This was a tour hosted by Ben and Xaiomei Wallace, with the aim of finding lots of China's beautiful native orchids in flower. Unfortunately the season had come early so many orchids had already flowered, but Rob still had plenty of lovely slides to show of many other flowers and great scenery (and we especially loved the pictures of the Pandas at the breeding and research centre!).

The tour was done by coach, starting out at low altitudes and then climbing into alpine areas high enough to make breathing a difficulty. Pit stops initially revealed many species of Lily and forget-me-nots.

Then the climb into the mountains treed with Spruce and Willow. Walks through reserves in the alpine areas were made across boardwalks, built to protect the delicate alpine environment. The high content of lime in the streams created pretty natural dams where the water flowed over rock shelves – the slowing of the water allowed some of the lime to deposit at the edges and gradually built up over time. From here Rob had some gorgeous slides of *Cyripediums*. A couple of species identified were *C. tibeticum* and *C. flavum*. The *C. flavum* was growing in the cold, flowing, and limey water. In many of the high areas the forest had been stripped bare. The wood had been used for charcoal in the making of iron at a time when China was making a great push to advance itself.

Then some great slides of incredibly treacherous mountain roads through the Yantsee River Valley. This is the 'Yellow River', coloured by the high silt content due to its fast flow. It was difficult to understand the scale of it until Rob pointed out where the coach was in one of the slides. It appeared as a pinprick and showed just how immense the landscape really was.

Back down on the flats and lots of pictures of markets and silks and bags of rice and shop fronts (all the same size like garages) and building work with bricks carried on backs (one boy carrying 38 bricks!) and whole buildings demolished with sledges hammers.

It must have been nice to see the Tasmanian Blue gum, grown and harvested for making eucalyptus oil.

Rob finished his talk with slides of plants and flowers. He showed us recovering Spruce forest, Irises, Lilies, Clematis, Fritillaria, hillsides of Rhododendron, Primula, Daphne, Scleranthus, Calpha, Poppies, Anemone and Rannunculus. And not to forget the pictures of the glacier visited that some managed to reach the base of, via the 1 in 4 slope and the 37 degrees temperature!!!

It was a great talk and we all loved the many images collected by Rob, not to mention meeting the visitors from the trip who also attended the talk.

Secretary's report:

Newsletters: From Miriam Ann, Sapphire Coast, ANOS Victoria and also the Macarthur group, Eurobodalla, Wagga Wagga, Gosford and district, Albury-Wodonga and district, Campbelltown and district.

Publications: The American Orchid Society Orchids, the Orchid Digest and the Australian Orchid Review.

Moved by Nita Wheeler, seconded by Mark Fraser and accepted by all.

Treasurer's report:

Bottom line at \$4,918.31. The Angels who helped pay for the book have now been repaid! To go out is the deposit for the tables for the show from Stuart Barlin Hire, rent, subscriptions and payment for badges.

Other business: Certificates were handed out for previous meeting winners in the orchids. Nita announced the ANOS spring Show for the coming weekend and Mark Fraser announced the coming South West Regional Show where our society would be hosting a display.

Raffle winners: Tony Lanza, Ben Wallace, Bob Bush.

Door Prize: Bill Ferris.

October General meeting 2005

Attendance: 45

Apologies: Kylie Stocks, Leanda O'Connor, Bill and Ann Osmand, Peter and Sheila Cudmore, Ray Palmer.

Visitors: John Davis, Marilyn Ryan, Rhonda Scollan, and Brian Newton.

Announcements:

- The floor is a new sprung dance floor and we need to be careful of it. This means that we must not slide, but lift any chairs or tables across it.
- Ray Palmer has finished doing the tea and coffee and this task will now be taken over by Bob and Norma Bush. Ray is having some cataracts removed and we wish him well.
- The show was a great success with an attendance of 500 on Saturday and 400 on Sunday. This total of 900 is up from the 600 of last year and all of the Cymbidiums sold within the first 20 minutes. With this in mind, the committee is looking at ways to alleviate the pressure on those volunteers who are manning the door and sales table on the first Saturday shift. Ben especially thanked Rob and Audrey Rough, Robyn Noel, Jane Wright, Sandra Corbett and Mark Fraser for their huge effort in making the show happen. Thanks were given also to everyone who participated and made the show a success.
- The new members were welcomed and reminded of the new members workshop to be held at Robyn Noel's house (7 Newland St. Flynn) on Sunday the 30th of October. Start time at 10.30 am, there will be potting demonstrations, and don't forget to bring something along for lunch.

Evening Talk:

For this night's talk we had David Judge speak to us about how he grows his Paphiopedilums (Slipper Orchids).

David always has excellent flowering specimens to bring

along to our meetings claiming that they are very easy to grow, so we asked him to show us how.

First of all he gave us information on the conditions needed to grow a range of different Paph.s.

Shade: A photo of his glasshouse showed a cover of white shade cloth. White is chosen as it has the advantage of reflecting heat as well as shading the plants. Paphs are generally shade loving so winter has a cover of 70% shade and with summer another layer of 50% shade is added. Those with the mottled leaves often needed heavier shade and so are placed on the bottom level of the wire benches.

Temperature range: To grow a range of plants the suggested heat requirements are 15 degrees minimum and 28 degrees maximum. Some of the mottle leaf plants can cope with higher temperatures but once too hot growth will stop altogether.

Heating: With a simple fan heater plugged in to a switch with an inbuilt thermostat – obtained from the Herpetological Society.

Cooling: With an evaporative cooler. Ensure dry air is drawn from the outside of the glasshouse, as opposed to the humid air inside. To keep the water tray filled a float is used to automatically refill the tray from a large bottle filled with water. This can be obtained from a hydroponics shop. The evaporative cooler is plugged in to another switch with an inbuilt thermostat obtained from a brewery.

Humidity: Paphs love humidity and not having enough will restrict their growth. 70% or higher is ideal but this is very difficult to achieve in Canberra. Keeping the glasshouse floor wet is not enough to keep up the humidity. A fogger will do the job but is expensive.

Watering and fertilizing: Paphs are easy to rot, but also do not like to dry out completely. So they must be watered when they are not quite dry. This works out for David at about once a week in winter and twice a week in summer. Fertilizing is done 2 out of every 3 waters, and once a month in winter with any soluble fertiliser such as Aquasol or Nitrosol.

Potting mix: The basic mix David uses is 70% Debco 10mm bark washed out thoroughly to remove any fine material, 20% Charcoal, 10% pebbles. For a big plant he said he would add some chunkier bark to the mix, and for seedlings he would still keep the 10mm bark, but add some smaller bark into the mix.

Repotting: Once a year for most mature plants, and every 6 months for seedlings

Potting: Bury ½ a centimeter below the mix, except for the brachypetalums (a subgenus explained later).

Dividing: David thought that dividing was unnecessary as larger plants flowered better, making great specimen plants, and were generally easier to care for. He only recommended division for some of the mottle leaf Paph.s, as this was a way of forcing extra new growths on what might otherwise be plants that merely replace growths rather than increasing.

Pests and diseases: For David, mealy bugs are the constant problem. Lesser problems include scale, rots

(keep up good air circulation and water early in the day – David says that in winter he waters in the morning and then puts the heater on for the whole day to dry the foliage). Leaf die back from (*Glomerella*) needs to be controlled early by removed the dead portion of the leaf and a couple of centimeters of healthy material, then treating with a fungicide. Paph.s are also prone to viruses like any other orchid (some literature states otherwise) but do not show obvious symptoms.

Beginners: Start with hybrids or the cooler growing species. Buy plants as large as you can afford – need to ask the nurseries that put out catalogues about the bigger plants as the bigger plants don't get advertised.

Why Paph.s are expensive: It is not possible to mericlone them, as it is with most other orchids.

Next he explained the *Paphiopedilum*s different subgenus and sections, which helped separate the easy to grow from the difficult to grow plants.

Subgenus brachypetalum:

These are the most difficult to grow. Recognizable by their round petals and small pouch often with red mottling. Though these have mottled leaves that need quite bright light and very good air circulation. They like to dry out a bit more than other Paph.s - water once a fortnight in winter and no fertiliser at all during this period. In summer Fertilise 1 out of every 3 waters. Flush well before winter. A couple of examples are *P. concolor* and *P. nivea* (easy to grow? Tall spikes – others are quite short). An easy one to grow in this subgenus is *Paphiopedilum psyche*.

Subgenus parvisepalum:

Examples in this subgenus include *P. delanatii*, *P. micranthum*, *P. malipoense* with an easy variety of this being 'Magic Lantern'.

Subgenus Paphiopedilum, section Paphiopedilum:

These plants can grow quite cold with some tolerating down to 0 degrees. This makes many of these easy to grow in Canberra's conditions. One of the easiest is *P. insigne*. Another is *P. villosum* (which tends to be epiphytic). Others include *P. pixianum*, *P. charlesworthii* and *P. barbigerum*.

Subgenus Paphiopedilum, section Coryopedilum:

These are the multiflorals and are big warm growing plants. Minimum temperature should be around 15 degrees, though the warmer the better for these. They need some cooling to initiate flowering. They also need very bright light almost at the levels suitable for Cattleyas. A well known example is *P. rothschildianum*. The flowers of this orchid can be 33 cms across. Good specimens are worth thousands of dollars, but flowering sized specimens can be obtained for as little as \$100.00. While the seedlings struggle, the large plants are relatively easy to grow and maintain.

Another well known example is *P. sanderianum*. These are the orchids that have the ribbon petals. A flowering size seedling can be bought for US \$5,000.00.

The easiest/most tolerant in this group is *P. phillipense*. Start with the hybrids in this section, as they are cheaper and easier to flower.

Subgenus Paphiopedilum, section Pardalopetalum.

These are warm growing multiflorals. Examples include *P. parishii* (hard to get), *p. lowii*, *P. maidianum* (a bit cooler). Favorite hybrid is 'Screaming Eagle'.

Subgenus Paphiopedilum, section Cochlopetalum.

Another multifloral supposedly easy to grow.

Subgenus Paphiopedilum, section Barbata

These are the most difficult Paphs to grow perhaps because they require a very high humidity. Many in this group are from P.N.G. Examples include *P. hainanense*, *P. hookerae*, *P. villosum*, *P. superbiens*, *P. purpuratum*, *P. wardii*.

It was a really informative talk with everything we wanted to know about growing *Paphiopedilum*s. We were also treated to lots of beautiful slides of these orchids. I don't know if his talk has made them appear easy to grow, but they certainly seem more approachable. The sales table provided some easy to grow specimens especially for the night. David recommended to buy Paphs from John Robertson, P & R orchids and through Deanne Johnson from Adelaide. See David if you need any clarification.

Secretary's report:

Newsletters: from Miriam Ann, Sapphire coast, ANOS Victoria, ANOS Macarthur group, Eurobodalla, Wagga Wagga, OSNSW, Gosford and District, Albury – Wodonga and District, Campbelltown and District. Publications: The Orchid digest, the Australian Orchid Review, the American Orchid Society Orchids, The alpine Gardener.

Treasurer's report: The show was very successful, though the sales were not up as expected as there were fewer *Cymbidiums* available for sale this year (they all flowered too early for sale at the show). The books are still selling with Jane selling another 2 boxes of books recently. The balance currently sits at \$16,093.00. The report was moved by Ben Wallace, seconded by Terry Turner and accepted by all.

Other business:

- The awards were handed out to the show winners
- Jane gave us a run down of the South West Regional Show and Conference where our display came in at second place
- The Horticultural Society Show was announced and people reminded that there was an orchid section in this show.

Raffle winners: Don Chesher, Mike Hear, Bill Ferris, and Nita Wheeler.

Door Prize: Pat parker.

Next meeting: Trevor Hughes will be speaking on *Cymbidiums* and all owners of the hybrids *Cymbidium* 'Margaret Thatcher' are asked to bring them along for the meeting.

Journal Reviews August 2005

Orchids Australia June 2005

Articles include (1) Gerald McCraith awarded a Fellowship of The Orchid Society of South East Asia. (2) AOC wins the 2005 World Orchid Conference Website competition (3) a report on the WOC Dijon by Colin Jennings. (4) One on *Oncidiinae* based on a presentation by Gary Yong Gee at the 16th AOC Adelaide. (5) Natural and man-made problems for the survival of some rare orchid species. (6) Coralie Hills writes on some organizational problems in organizing World Orchid Conferences, with particular reference to Dijon, and (7) Reports of orchid shows in Aspley and Gympie. NB. We should try to arrange a report on our Spring Show this year.

The Orchid Review (RHS) July-August 2005.

Articles include (1) an illustration of some striking orchids from Africa and Madagascar. (2) a new series on some lesser-known orchid countries – the first in the series covering Argentina. (3) Notes on the genus *Cisshweinfia*, and describing a white form of *C. platychila* as forma *palatina*. (4) The first in a series on growing orchids from seed, this article providing an introduction to the subject. (4) A selection, with illustrations, of a clutch of new hybrids of *Stanhopeinae*. (5) A discussion of the coming revolution in orchid hybrid names, with particular reference to problems and possible solutions. (6) A description of an interesting variant of *Pleione praecox* from Sikkim Himalaya. (7) A discussion of a confused past, and a bright future, of *Cynoches cooperi*, a striking species from Peru. (8) A description and illustration of *Bulbophyllum elassoglossum*, an illusive beauty from the Philippines. (9) A description and illustration of a selection of species from the genus *Renanthera*. (10) And a tribute to one of the greatest *Paphiopedilum* studs Hellas ‘Westonbirt’.

Australian Orchid Review June/July 2005

(1) Ron Parsons provides a wealth of interesting information about some members of the section *Dendrobium oxyglossum*, including some really beautiful photographs. (2) Jim Cootes continues his article on *Bulbophyllums* this time concentrating on the Section *Sestochilus*, again with excellent photography. (3) Ray Clement commences a series on the commercial importance of Australian native orchids, with particular reference to the increasing hybridization of the humble *Dendrobium* since the latter half of the 20th Century. (4) Stephen Early attempts to clarify the considerable confusion which exists amongst orchid growers about the terms pH, lime and calcium, and to describe their meanings and effects. (5) Brian Milligan writes about the product “Envy”, and discusses a variety of uses besides the traditional one of providing frost protection. (6) Anne Mackenzie and Mark Clements write about viruses in orchids, what they are, how they are transmitted, and the most effective ways of preventing virus infection in your orchids. (7) Ray Clement discusses the temperature and atmospheric conditions for

growing *Phalaenopsis*, and the light, watering and fertilizing requirements for growing them successfully.

Orchids (AOS) June 2005

Articles include (1) A discussion of the Slipper orchid alliance, including *Paphiopedilum*, *Phragmipedium*, *Cypripedium*, *Selenipedium*, *Mexipedium*, *Cochlopetalum*, and *Coryopedium*. (2) The history, taxonomy and culture of *Promenaea*. (3) An excellent article, with photos, on the wide range of choices available from the hybridization of Vanda with many other species, noting that the multigeneric hybrids thrive with less intense light and various media around their roots. (4) A discussion of Sir Jeremiah Colman, (after whom Colmanara is named – as well as the original producer of Colman’s mustard). The writer of the article discovered a book by Colman “The Hybridization of Orchids” with original letters signed by Colman, in an antiquarian book fair, which encouraged him to carry out some research for this article. (5) A further report on the 18th WOC in Dijon (6) A description of *Cattleya araguaiensis*, which the author describes as the Pinocchio orchid, because the labellum (or, in this case nose) is disproportionate to the remainder of the flower. (6) there is a series of photos of *Latouria Dendrobiums* (7) A description of *Cymbidium goeringii* in Japan, and (8) A description of a new species of *Oncidium* found in Bahia and Espirito Santo in Brazil.

Journal Reviews September 2005

Orchids (AOS) July 2005

Articles include (1) a discussion of various forms of *Sophrolaeliocattleya* ‘Barefoot Mailman’. (2) An analysis of the Latin nomenclature used in the naming of orchids. (3) Steps for keeping orchids healthy during their sojourn out of doors in summer. (4) An analysis of the various containers which might be used for growing orchids, and how to choose a suitable container. (5) A celebration of 60 years of the Santa Barbara International Orchid Show. (6) An artist’s impression of *Brassia maculata*.

(7) The use, by the people of Chilapa Mexico, of *Laelia anceps*, subspecies *dawsonii* var. *chilapensis* in the commemoration of their deceased. It is the flower of choice for celebrating the Day of the Dead, an indigenous ritual dating back to the Aztecs. (8) Photos from the spectacular Japan Grand Prix International Orchid Show. (9) A discussion of the taxonomy and culture of the Genus *Scelochilus* found in Central America, and (10) A description, with photos, of the artwork on display at the AOS Visitor’s Centre and Botanical Garden.

Orchids (AOS) August 2005

Articles include (1) The range of choices and methods available for fertilizing orchids. (2) The necessity for a balanced diet in the successful growing of orchids (3) the history, taxonomy and description of *Dimorphorchis lowi*, a strange orchid, which produces two entirely different orchids on each inflorescence. The basal flowers are fragrant and quite different from the apical flowers, which have no fragrance. (4) The cultivation of

Brassias and their hybrids, including photos of a range of these beautiful orchids. (5) *Cattleya intermedia*, and its use in the hybridization of a wide range of orchids. (6) Cultural notes on growing *Odontoglossum* hybrids (described as the orchid World's "Drama Queens"). (7) A report on the 2005 Taiwan International Orchids Symposium, and (8) Problems with the correct naming of *Trichoglottis seidenfadenii*.

Orchids Australia August 2005

(1) Colin Hamilton writes on the 10 years, and 1 million hits, of the AOC's web site (www.orchidsaustralia.com). (2) There is an article on *Pterostylidinae* based on the address by Gary Yong Gee at the Adelaide Conference in 2003. (3) Colin Jennings reviews the third edition of "Orchids in Asia". (4) Alan Stephenson writes about the Genus *Chiloschista*, and, in particular the species *Chiloschista phyllorhiza*, listed as a vulnerable or endangered species in Queensland, found from Tully to the tip of Cape York. (5) There is a reprint from the CSIRO website (presumably prepared by Mark Clements and David Jones) revealing the "Secret life of orchids". (6) The nominations from each State for "Orchid of the year" are listed, with photographs.

The Orchid Review September/October 2005

Major articles include (1) a discussion on the species *Epidendrum hemiscleria*, and a description of a new subspecies *E.h. occidentalis* found in Ecuador. (2) Jim Cootes describes a day looking for orchids in the Sydney Royal National Park. (3) Manuel Aubron describes and illustrates some species of the South American genus *Rodriguezia*. (4) Graham Yearsley writes another very interesting story about Sir Jeremiah Colman, and his extensive orchid collection. (5) Julian Shaw proposes a new hybrid name for the cross *Dactylorhiza x Platanthera*. (6) Aaron Hicks presents the second part of

his series on the pollination of orchids. (7) Recent combinations for seven species in the sub-tribe *Eriinae*. (8) Julian Shaw introduces his pick of recently registered hybrids involving *Cymbidium* and its (extended) relatives. (9) A description, with illustrations, of some of the most spectacular members of the genus *Bulbophyllum*. (10) Pam Woolliscroft discusses orchid designs that have appeared on Spode Ceramics. (11) Derek Copley describes how reporting demonstrations have helped to bring about an increase in membership at the Bournemouth Orchid Society. (12) Descriptions (with photos) of some of the best orchids granted awards by the RHS.

CROSSWORD No 17 SOLUTION

S	E	P	A	L		A	C	T		A	P	T
A	T	O	N	E		B	O	O		N	E	O
L	U	N	G	E		E	N	D		O	D	E
A	D	D	E	R		S	S			D	I	N
D	E	S		S	A	T	E		M	I	C	A
					S	I	R		O	S	E	I
O	P	A	H		C	A	V		B	E	L	L
R	E	P	O		O	R	E					
C	R	O	W		R	A	S	P		D	A	N
H	O	G		A	B			O	J	E	D	A
I	R	A		W	A	D		T	I	B	E	T
D	A	M		A	T	E		U	V	U	L	A
S	L	Y		Y	E	W		P	E	T	A	L

Popular Vote September 2005

Laeliinae hybrid – miniature	<i>C. Quasar No 10 X L. crispata</i>	Bob Rough
Laeliinae hybrid - intermediate	<i>Sc. Royal Beau Dendi</i>	Bob Rough
Laeliinae hybrid – standard	<i>Lc. Bonanza Queen 'Panamint'</i>	Bob Rough
Laeliinae species	<i>Brassavola glauca</i>	Bob Rough
Paphiopedilum species	<i>Paphiopedilum sukhakulii</i>	David Judge
Paphiopedilum hybrid	<i>Paph. Saint Swithin</i>	Terry Turner
Phalaenopsis hybrids	<i>Phal. Calpine X Elise de Valec X Dtps. Taisuco Firebird</i>	Terry Turner
Other species and hybrids	<i>Zygo. Kiwi Dazzler 'Purple Lips' X Titanic 'Grand Parade'</i>	Ben Walcott
Oncidium alliance hybrid	<i>Wils. Jean du Pont 'Firey'</i>	Brian Leedham
Australian Dendrobium species	<i>Den. X superbiens var superbum</i>	Bob Evans
Australian Dendrobium hybrids	<i>Den. Gillian Leaney X Kingianum Speckles</i>	Bob Rough
	<i>Den. Unknown</i>	Bob Rough
Australian terrestrial	<i>Pter. curta</i>	Nita Wheeler
Exotic Dendrobium species	<i>Dendrobium anosmum var superbum</i>	Ken Turner

Cymbidium hybrid	<i>Cym. Ruby Eyes Red Baron X Dr. Barker 'Hyancynth'</i>	David Judge
Orchid of the Night	<i>Paphiopedilum Saint Swithins</i>	Terry Turner
Judges Choice - Species	<i>Den. anosmum var superbum</i>	Ken Turner
Judges Choice - Hybrid	<i>Paph. Saint Swithins</i> <i>Sc. Royal Beau Dendi (tied)</i>	Terry Turner Bob Rough

Popular Vote October 2005

	Plant	Owner
Australian Den. hybrid	<i>Dend. delicatum</i>	Ross Anderson
Australian Terrestrials	<i>D. punctata</i>	Nita Wheeler
Laeliinae hybrid – miniature	<i>Lc. Chit Chat Tangerine</i>	Brian Leedham
Laeliinae species	<i>C. intermedia</i> Orlates Imperial	Bob Rough
Australian Den. species	<i>Dock. linguiformis</i>	Brian Leedham
Paphiopedilum hybrid	<i>Paphiopedilum Saint Swithin</i>	Theo Schutz
Oncidiinae	<i>Oncidium Twinkle Red Fragrant'</i>	Bob Bush
Coelogyne alliance	<i>Dendrochilum cootzei</i>	Don Chesher
Phalaenopsis hybrid	<i>Phal. Unknown</i>	Bob Evans
Vandaceous alliance species	<i>Asco. miniatum</i>	Ben Wallace
Pleurothallid alliance species	<i>Masd. ignea</i> Lava Flow	Theo Schutz
Pleurothallid alliance hybrid	<i>Masd. Pin Wheel</i>	Jane Wright
Dend. exotic	<i>Den. aggregatum</i>	Brian Leedham
Cymbidium hybrid	<i>Cym. Bunyip</i>	Theo Schutz
Sarcochilus hybrid	<i>Sarc. Fitzhart</i> <i>Sarc. Melba X Hart</i> <i>Sarc. Starstruck (all tied)</i>	Bob Rough Bob. Rough Eddy Collett
Oncidium alliance hybrid	<i>Odcdm. Mayfair (R.F.W.)</i>	Theo Schutz
Coelogyne species	<i>Dendrochilum glumaceum</i>	Theo Schutz
Any other species	<i>Pleione Princess</i>	Eddy Collett
Any other hybrid	<i>Lycaste Nowra Miss Sarah</i>	Theo and Jenny Schutz
Orchid of the Night	<i>Dtps. Minho Beauty 'Nobby'</i>	Terry Turner
Judges Choice - Species	<i>Aciantus formicifera</i>	Nita Wheeler
Judges Choice - Hybrid	<i>Paphiopedilum Jerry Buote</i>	David Judge

ORCHID SOCIETY OF CANBERRA SPRING SHOW 2005 RESULTS

Champion Display	Display	Audrey Rough
Champion Orchid of the Show	<i>Laelia harpophylla</i>	Robert Rough
Reserve Champion Orchid	<i>Paphiopedilum</i> Robert Jameson 'Blumen Insel' x <i>Paphiopedilum lowii</i> 'Irving' HCC/AOS	Terry and Julianne Turner
Champion Species Orchid	<i>Laelia harpophylla</i>	Robert Rough
Champion Hybrid Orchid	<i>Paphiopedilum</i> Robert Jameson 'Blumen Insel' x <i>Paphiopedilum lowii</i> 'Irving' HCC/AOS	Terry and Julianne Turner
Champion Cattleya Alliance	<i>Laelia harpophylla</i>	Robert Rough
Champion Cymbidium	<i>Cymbidium</i> Bulbarrow 'Friar Tuck'	David Judge and Rajani Rai
Champion Australian Native Orchid	<i>Chiloglottis gunnii</i>	Nita Wheeler
Champion Paphiopedilum Alliance	<i>Paphiopedilum</i> Robert Jameson 'Blumen Insel' x <i>Paphiopedilum lowii</i> 'Irving' HCC/AOS	Terry and Julianne Turner

Champion Vandaceous Alliance (including Phalaenopsis)	<i>Doritaenopsis</i> Minho Princess	Terry and Julianne Turner
Champion Oncidium Alliance	<i>Odontioda</i> Kendrick Williams x <i>Odontioda</i> Conniston Water	Brian and Lynne Phelan
Champion Pleurothallid Alliance	<i>Masdevallia</i> Copper Angel 'Highland'	Theo and Jenny Schutz
Champion Any Other Orchid	<i>Lycaste</i> Macama 'Atlantis'	Theo and Jenny Schutz
Champion Specimen Orchid	<i>Masdevallia</i> Copper Angel 'Highland'	Theo and Jenny Schutz
Champion Seedling	<i>Brassolaeliocattleya</i> Brunswick Blush 'Coral' AM/AOC x <i>Brassolaeliocattleya</i> Chincogan 'Lorinda' AM/AOC	Robert Rough
Best Orchid Benchd by a Novice Club Member	<i>Phalaenopsis</i> Novelty White	Bill Ferris
Most pleasingly fragrant orchid hybrid	<i>Brassolaeliocattleya</i> Pamela Hetherington 'Coronation' x <i>Brassolaeliocattleya</i> Zilzie Fry 'GJW'	Geoff Dyne
Popular Vote	<i>Dendrobium pierardii</i>	Mark Fraser and Sandra Corbett
Popular Vote	<i>Phalaenopsis</i> Yellow Dawn	Terry and Julianne Turner
Most Successful Exhibitor		Robert Rough
Best Floral Arrangement		Audrey Rough
Art and Photography	Quilt	Pat Parker

CLASS WINNERS SHOW 2005

Class	Description	Plant	Owner
Section A: Displays			
1	Tabletop display 1.2 m wide		Robert Rough
3	Tabletop display in container		Mark Fraser and Sandra Corbett
Section B: Open Classes			
4	Cymbidium species	1 <i>Cymbidium bicolor</i> var. <i>simulans</i>	Brian and Lynne Phelan
		2 <i>Cymbidium lowianum</i> 'Kindred'	David Judge and Rajani Rai
5	Cymbidium - Standard	1 <i>Cymbidium</i> unknown	Sheila Cudmore
		2 <i>Cymbidium</i> Heinjus	David Judge and Rajani Rai
6	Cymbidium - Intermediate	1 <i>Cymbidium</i> Bulbarrow 'Friar Tuck'	David Judge and Rajani Rai
		2 <i>Cymbidium</i> Jessie Blakiston x Red Beauty	David Judge and Rajani Rai
7	Cymbidium - Miniature	1 <i>Cymbidium</i> Sarah Jean	Bob Bush
		2 <i>Cymbidium</i> Fairy Rouge 'Lavender Falls'	David Judge and Rajani Rai
11	Cattleya species	1 <i>Cattleya intermedia</i> var. <i>amethystina</i>	Robert Rough
		2 <i>Cattleya intermedia</i> var. <i>flamea</i>	Robert Rough
12	Other Laeliinae species	1 <i>Laelia harpophylla</i>	Robert Rough
		2 <i>Laelia blumenschenii</i>	Brian and Lynne Phelan
13	Laeliinae Hybrid - Standard	<i>Brassolaeliocattleya</i> Brunswick Blush 'Coral' AM/AOC x <i>Brassolaeliocattleya</i> Chincogan 'Lorinda' AM/AOC	Robert Rough

		2	<i>Brassolaeliocattleya</i> Pamela Hetherington 'Coronation' x <i>Brassolaeliocattleya</i> Zilzie Fry 'GJW'	Geoff Dyne
14	Laeliinae Hybrid - Midi	1	<i>Cattleya</i> Jerome Shultz 'Bette' x <i>Sophrocattleya</i> Royal Beau 'Jessica'	Robert Rough
		2	<i>Sophrolaeliocattleya</i> Hazel Boyd 'Tropical Fantasy'	Bob Evans
15	Laeliinae Hybrid - Miniature	1	<i>Sophrolaelia</i> Bit O' Brazil x <i>Laeliocattleya</i> Rojo	Robert Rough
		2	<i>Sophrolaeliocattleya</i> Jeweler's Gem	Robert Rough
17	Laeliinae - Best seedling	1	<i>Brassolaeliocattleya</i> Brunswick Blush 'Coral' AM/AOC x <i>Brassolaeliocattleya</i> Chincogan 'Lorinda' AM/AOC	Robert Rough
18	Laeliinae - Best specimen	1	<i>Laelia harpophylla</i>	Robert Rough
19	Thelychiton kingianus	1	<i>Thelychiton kingianus</i>	Mark Clements
		2	<i>Thelychiton carnarvonensis</i>	Mark Clements
20	Thelychiton speciosa complex	1	<i>Thelychiton speciosa</i> 'National White'	Theo and Jenny Schutz
		2	<i>Thelychiton speciosa</i>	David Judge and Rajani Rai
21	Australian Dockrillia species	1	<i>Dockrillia linguiformis</i>	Brian and Lynne Phelan
		2	<i>Dockrillia striolata</i>	Mark Clements
22	Other Dendrobium Alliance species	1	<i>Tropilis aemula</i>	Eddy Collett
		2	<i>Thelychiton falcorostrus</i>	Eddy Collett
23a	Dendrobium Alliance hybrid - Thelychiton kingianus	1	<i>Dendrobium</i> Bicentennial Rose x Aussie Sandy 'Perfection'	Theo and Jenny Schutz
		2	<i>Thelychiton</i> x <i>kestevonii</i>	Mark Fraser and Sandra Corbett
23b	Dendrobium Alliance hybrid - not Thelychiton kingianus	1	<i>Dendrobium</i> Renee (=Gillian Leaney 'Tall Spike' x <i>Dendrobium</i> Tweed 'Big Mother')	Brian Leedham
		2	<i>Dendrobium</i> Kayla	Theo and Jenny Schutz
24	Native Vandaceous species	1	<i>Sarcophilus ceciliae</i> 'Townsville'	Jane Wright
		2	<i>Sarcophilus ceciliae</i> 'Lucky' x 'Red'	Jane Wright
25	Native Vandaceous hybrid	1	<i>Sarcophilus</i> Fitzhart	Robert Rough
		2	<i>Sarcophilus</i> Fitzhart 'Barbie' x <i>Sarcophilus</i> Hot Ice 'Rich Port'	Robert Rough
27a	Australian Native Terrestrial Orchid species	1	<i>Chiloglottis gunnii</i>	Nita Wheeler
		2	<i>Pterostylis baptistii</i>	Nita Wheeler
27b	Australian Native Terrestrial Orchid hybrid	1	<i>Pterostylis</i> Dusky Duke (<i>curta</i> x	Nita Wheeler

			<i>pedunculata</i>)	
29	Best Australian Native specimen	1	<i>Pterostylis pedunculata</i>	Nita Wheeler
30a	Paphiopedilum species	1	<i>Paphiopedilum hirsutissimum</i>	Jane Wright
		2	<i>Paphiopedilum sukhakulii</i>	David Judge and Rajani Rai
31	Paphiopedilum hybrid - classical	1	<i>Paphiopedilum</i> Via Angel Verde x Magic Pool	Rob Pollock
		2	<i>Paphiopedilum</i> unknown	David Judge and Rajani Rai
32ba	Paphiopedilum hybrid- multifloral pink	1	<i>Paphiopedilum</i> Robert Jameson 'Blumen Insel' x <i>Paphiopedilum lowii</i> 'Irving' HCC/AOS	Terry and Julianne Turner
		2	<i>Paphiopedilum</i> Julius	Terry and Julianne Turner
32bb	Paphiopedilum hybrid- multifloral other	1	<i>Paphiopedilum</i> Saint Swithin	Terry and Julianne Turner
		2	<i>Paphiopedilum</i> Mary Franz Smith	Terry and Julianne Turner
35	Vandaceous Alliance species	1	<i>Kingidium braceanum</i>	Mark Clements
36	Angraecoid Alliance species	1	<i>Angraecum scottianum</i>	Mark Fraser and Sandra Corbett
37a	Phalaenopsis hybrid - standard	1	<i>Doritaenopsis</i> Minho Princess	Terry and Julianne Turner
		2	<i>Phalaenopsis</i> amabilis	Sheila Cudmore
37b	Phalaenopsis hybrid - novelty	1	<i>Phalaenopsis</i> Orchid World 'Bonnie Vasquez'	Sheila Cudmore
		2	<i>Phalaenopsis</i> Brother Dendi (=Sara Lee x Brother Lawrence)	Theo and Jenny Schutz
37c	Phalaenopsis hybrid - miniature/multifloral	1	<i>Phalaenopsis</i> Angel Song x <i>Phalaenopsis</i> Carmela's Pixie	Terry and Julianne Turner
		2	<i>Phalaenopsis</i> Ho's Little Caroline (=Be Glad 'Carriage Hill' x Carmela's Pixie)	David Judge and Rajani Rai
38	Vanda or Ascocenda hybrid	1	<i>Vascostylis</i> Crownfox Magic 'Fuji's Magic'	Jane Wright
42a	Oncidium complex species	1	<i>Oncidium maculatum</i>	Bob Evans
		2	<i>Zelenkoa onusta</i>	Mark Fraser and Sandra Corbett
42b	Oncidium complex hybrid	1	<i>Oncidium</i> Sarcatum 'Mirion Ann'	David Judge and Rajani Rai
43b	Odontoglossum Alliance hybrid	1	<i>Odontioda</i> Kendrick Williams x <i>Odontioda</i> Coniston Water	Brian and Lynne Phelan
		2	<i>Odontioda</i> Eric Young '495' x <i>Odontioda</i> Eric Young 'Tom's'	Brian and Lynne Phelan
44a	Other Oncidium Alliance species	1	<i>Baptistonia echinata</i>	Brian Leedham
		2	<i>Tricopilia junenensis</i>	Brian and Lynne Phelan
44b	Other Oncidium Alliance hybrid	1	<i>Odontoglossum</i> Summit	Robert Rough
		2	<i>Miltonia</i> Firewater 'Red Butterfly'	Brian and Lynne Phelan
47a	Pleurothallidinae Alliance - Masdevallia species	1	<i>Masdevallia ignea</i>	Mark Fraser and Sandra Corbett
		2	<i>Masdevallia veitchiana</i>	Brian and Lynne Phelan

47b	Pleurothallidinae Alliance Species -not masdevallia	1	<i>Restrepia sanguinea</i> 'Walter'	Theo and Jenny Schutz
		2	<i>Pleurothallis truncata</i>	Theo and Jenny Schutz
48b	Masdevallia hybrid - standard	1	<i>Masdevallia</i> Copper Angel 'Highland'	Theo and Jenny Schutz
		2	<i>Masdevallia</i> Machu Picchu 'J.R.' HCC/NSW	Theo and Jenny Schutz
48c	Pleurothallidinae hybrid not derived from Masdevallia	1	<i>Dracula gigas</i> x <i>vampira</i>	Theo and Jenny Schutz
		2	<i>Restrepia striata</i> x <i>rankesteria</i>	Jane Wright
50	Pleurothallidinae - best specimen	1	<i>Masdevallia</i> Copper Angel 'Highland'	Theo and Jenny Schutz
51	Exotic Dendrobium Alliance species	1	<i>Dendrobium pierardii</i>	Mark Fraser and Sandra Corbett
52	Coelogyne species	1	<i>Coelogyne cristata</i>	Jane Wright
		2	<i>Coelogyne flaccida</i>	Bob Bush
53	Any other species	1	<i>Lycaste skinneri</i> var. <i>alba</i>	Theo and Jenny Schutz
		2	<i>Serapias lingua</i>	Nita Wheeler
54	Exotic dendrobium Alliance hybrid	1	<i>Dendrobium</i> (Autumn Magic x Autumn Splendour)	Mark Fraser and Sandra Corbett
56	Any other hybrid	1	<i>Lycaste</i> Macama 'Atlantis'	Theo and Jenny Schutz
		2	<i>Zygopetalum</i> unknown	Bob Bush
Section C: Novice Classes				
70	Phalaenopsis hybrid	1	<i>Phalaenopsis</i> unknown	Bill Ferris
Section E: Floral Decoration				
81	Orchids and Music	1	Orchids and Music	Audrey Rough
		2	Orchids and Music	Audrey Rough
82	Orchids Squared	1	Orchids Squared	Audrey Rough
Section F: Art and Photography				
85	Art	1	<i>Arachnorchis actensis</i>	Lynelle O'Flaherty
		2	Painting	Kenneth Turner
86	Craft	1	Quilt	Pat Parker
87b	Photography Field Work	1	15 minutes into the life of <i>Stanhopea spindleriana</i>	Sheila Cudmore
87c	Photography Enhanced	1	<i>Corysanthes diemeniacum</i>	Mark Fraser and Sandra Corbett

Contributions to the Bulletin

You can get material to the editor by the following means:

In person: At meetings, or if I am not there to either Robyn Noel or Barbara Corsini.

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Hand written, typed and computer generated material all welcome and will be included as soon as possible subject to space. Contributions preferably by 14th of Jan, Feb, April, June, August, October.

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The Editor, Ben Walcott

