



Journal
of the
Native Orchid Society
of
South Australia Inc



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NATIVE ORCHID SOCIETY OF SOUTH AUSTRALIA
POST OFFICE BOX 565 UNLEY SOUTH AUSTRALIA 5061

www.nossa.org.au.

The Native Orchid Society of South Australia promotes the conservation of orchids through the preservation of natural habitat and through cultivation. Except with the documented official representation of the management committee, no person may represent the Society on any matter. All native orchids are protected in the wild; their collection without written Government permit is illegal.

PRESIDENT

Bill Dear:
Telephone 8296 2111 mob. 0413 659 506

SECRETARY

Cathy Houston
telephone 8356 7356
Email: cathyhn@tpg.com.au

VICE PRESIDENT

Bodo Jensen

COMMITTEE

Bob Bates
John Bartram

Thelma Bridle
John Peace

EDITOR

David Hirst
14 Beaverdale Avenue
Windsor Gardens SA 5087
Telephone 8261 7998
Email: david.hirst2@bigpond.com

TREASURER

Marj Sheppard
Telephone 8344 2124
0419 189 188

LIFE MEMBERS

Mr R. Hargreaves†
Mr H. Goldsack†
Mr R. Robjohns†
Mr J. Simmons†
Mr D. Wells†

Mr. L. Nesbitt
Mr G. Carne
Mr R Bates
Mr R Shooter
Mr W Dear

Conservation Officer: Thelma Bridle

Registrar of Judges: Les Nesbitt

Field Trips Coordinator:

Trading Table: Judy Penney

Tuber bank Coordinator: Jane Higgs ph. 8558 6247; email: jhiggs@activ8.net.au

New Members Coordinator: John Bartram ph: 8331 3541; email: barjd@adam.com.au

PATRON Mr L. Nesbitt

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**JOURNAL OF THE
NATIVE ORCHID SOCIETY
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APRIL 2008 VOL. 32 NO 3

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**The Native Orchid Society of South Australia meets every
4th Tuesday of the months February -November**

NEXT MEETING 22 APRIL 2008

Tuesday, 22 April, St Matthew's Hall, Bridge Street, Kensington. Meeting starts at 8:00 p.m. Doors to the hall will be open from 7:15 p.m. to allow Members access to the Library and trading table.

The speaker for the meeting will be D. Kraehenbuehl: Vegetation of Adelaide Plains.
For those wondering which natives they could plant into their gardens this may be a meeting not to be missed.

DIARY DATES

Friday 2nd May	Annual Dinner at the Buckingham Arms
3-4 May	Australian Plant Sale, Wayville
Saturday 10 May	Belair N. Park; <i>Pterostylis cucullata</i> site weeding
20-21 September	NOSSA SPRING SHOW
30 November	Xmas BBQ

NEXT COMMITTEE MEETING

Wed, 30th April at the home of Bodo Jensen. Meeting commences at 7:30 p.m.

MARCH MEETING

PLANTS BENCHED

Epiphyte species: *Dendrobium lithacola*; *D. schneiderae*

Epiphyte hybrids: *Dendrobium* Angellene x Gai Ellen; *D. Annes Rainbow Surprise*

Terrestrials: *Genoplesium rufum*

Judging Results

Grower

Epiphyte species

1st *Dendrobium schneiderae*

Judy Penney

2nd *Dendrobium lithacola*

Bodo Jensen

No 3rd

Epiphyte hybrid

1st *Dendrobium* Anne's Rainbow Surprise

John & Bev Gay

2nd *Dendrobium* Angellene x Gai Ellen

Bodo Jensen

No 3rd

Terrestrial species

1st *Genoplesium rufum*

Les Nesbitt

No 2nd or 3rd

There were no terrestrial hybrids benched.

Popular vote results

Epiphyte species

Dendrobium schneiderae

Judy Penney

Epiphyte hybrid

Dendrobium Anne's Rainbow Surprise

John & Bev Gay

Terrestrial species

Genoplesium rufum

Les Nesbitt

Orchid of the night

Dendrobium schneiderae

Judy Penney

Plant commentary on terrestrials given by Les Nesbitt & on epiphytes by Bodo Jensen.

FOR YOUR INFORMATION - NOSSA NEWS

Australian Native Plant Sale

Wayville Pavilion, Adelaide Showgrounds

Saturday 3rd May 10am -5pm and Sunday 4th May 10am -4pm

Although NOSSA is unlikely to have any plants for sale a stand is being set up for which we require the assistance of volunteers.

ANNUAL DINNER AT THE BUCKINGHAM ARMS FRIDAY MAY 2nd

6:30pm for 7pm start

To help with reservations please contact Bill Dear or Cathy Houston prior to or at the April Meeting. Cost per head is \$24.50, Seniors \$22.50.

A \$10.00 deposit will be sought.

The Buckingham Arms is at 1 Walkerville Tce Gilberton

NOSSA activities

Sat 10 May Belair N. Park 9:30a.m. Meet at the information centre. If later than 9:30 proceed to Long Gully & make your way up the hill. (For entry through the gate please mention you are attending T.P.A.G. weeding). A weeding activity for improvement of habitat for the threatened orchid *Pterostylis cucullata*. Many people make it a half day activity.

Also, we have an invitation from the Australian Plant Society S.A.

The Australian Plant Society S.A. is having Fran MacGillivray (a recipient of our Kolloosche scholarship at Adelaide Uni.) to speak at their meeting on 26th June. She will be speaking on "Molecular Systematics of *Caladenia* (Orchidaceae)". N.O.S.S.A. members would be very welcome if they wish to attend. Meetings are held at the Unley Citizens' Centre, 14 Arthur Street, Unley at 7.30 p.m.

ARTICLES/ITEMS FOR THE NEXT JOURNAL

Closing date is Friday 9th May

If you have any photos you would like to see included in future journals please send them to the Editor. If not associated with a current topic these may be held over to be included in a later issue when needed to fill space.

Articles are also needed

From Warwick Biggs (President and Editor of the Australasian Native Orchid Society - Newcastle Group)

Below is a link to my flickr site

I have a set which contains shots that I have taken of Australian orchids.

When you hit the link below (or paste it into your browser) you can scroll down till you see Orchids – Australian Native

Have a look at some of the plants I have seen in the last few months.

<http://www.flickr.com/photos/wazonthehill/>

IF YOU HAVE NOT RENEWED YOUR SUBSCRIPTION THIS (APRIL) JOURNAL WILL BE YOUR LAST.

NEW MEMBERS

The Committee and members wish to welcome Pauline Meyers of Mount Osmond and Ann Bishop of Woodside as new members to NOSSA.

New Show Numbers issued March 08

Les Nesbitt

Plants displayed at the meetings or at the Spring Show have a label with a number written on it for judging purposes. The numbers below are allocated to the newer members. Please make a note your number for future use.

Name		Show No.	Division
Adams	Janet	1195	2nd
Borg	Geoffrey	1196	2nd
Brady/Ivanova	Stuart & Maria	1197	2nd
Constantine	Mr A G	1199	2nd
Darby	Mrs J M	1213	2nd
Dight	Mr & Mrs M	1214	2nd
Eaton	Mr & Mrs J	1215	2nd
Goodfellow	Robin	1217	2nd
Hall	Richard & Karen	1219	2nd
Harvey	Mrs J	1265	2nd
Holiday	Sheryl	1230	2nd
Hosking	Mr P R	1266	2nd
Hymers	Ted	1229	2nd
Jacobs	Ben	1235	2nd
Jacobs	Mr & Mrs J	1261	2nd
King	Mr & Mrs H	1263	2nd
Kirby	Jodi	1237	2nd
Moriarty	Andrew &	1239	2nd
Ninnes	Kerry	1240	2nd
Petridis	Margaret	1241	2nd
Robinson	Mark	1245	2nd
Schulze	Adam	1246	2nd
Thomson	Mr & Mrs G	1247	2nd
Thornton	Lucas	1248	2nd
Trigg	Haydn	1250	2nd
Tyndal	Mr J	1253	2nd
Vogel	Nina	1254	2nd
Wilson	Ken	1271	2nd

March in any year is not the best time for Australian Native Orchid flowers but this year with that recent spell of exceptionally hot weather really set them back. There were just four epiphytes & one terrestrial at the March meeting.

There was a small plant of *Dendrobium schneiderae* mounted on a short piece of *Melaleuca*. It was growing very well with roots penetrating right through the mount. *D schneiderae* is not often seen on the benches. There is a number of reasons for this. One; it is very slow growing taking several years to reach a decent size. Two; it requires excellent air movement at all times with plenty of light and frequent watering at the same time high humidity must be maintained around the plant not being allowed to dry out at any time particularly in hot weather. It is a cool grower accepting temperatures down to 6°C and up to 30°C providing the plant is misted continuously. In the wild it grows high up in hoop pine trees where it receives plenty of light and air movement, occasionally it grows as a lithophyte on rocks at high altitude. Because of the difficulty of getting access to its habitat this is another reason this orchid is not often seen.

The plant benched had a number of small crowded 25mm tall pseudobulbs topped with one to three leaves & carried three arching racemes of nine & seven 8mm, creamy green, waxy, fragrant flowers. Although this was a small plant both the judges and the membership liked it as it was voted judges choice and popular vote.

WHO AM I?

Each line contains in order a letter which spells out the name of the orchid. Each line also contains information about the specific orchid.

My common name is a legal requirement for cyclists.

And as for my species name:

My first is in danger and definitely not in secure.

My second is in teeth but not in mouth.

For my third look in colonies but not among the soloists.

In the Lofty Ranges but not the Adelaide Plains my fourth will be found.

For my fifth, look in damp, dark and sandy places, not in the dry, open ground.

My sixth is in tiny as well as rotund.

And my last two together, as well as my flower, look in August for then you'll be right.

But on the whole and contrary to my specific epithet I do not bite.



Rosalie Lawrence

The Ira Butler, Bill Murdoch and Hermon Slade Trophies for 2007

The following was received from W A Olsen Hon Secretary IBTC (Ira Butler Trophy Committee) and has been edited and formatted to save space. - Editor

Dear Nominee,

Thank you for your nomination for either the Champion Native Orchid Species or Hybrid of the Year, or the Australasian Native Orchid Species or Hybrid of the Year. On behalf of the Ira Butler Trophy Committee I congratulate you on your achievements and wish you every success with your future nominations.

For your information a listing of all trophies and certificates given in 2007 is attached.

The Ira Butler, Bill Murdoch and Hermon Slade Trophies are awarded each year to the best of the nominated orchids in their respective categories, as assessed by a panel consisting of three ANOS and three OS NSW nominated judges. The orchids are assessed on the basis of the digital images submitted and the information on the nomination form provided by the Registrar or Show Marshall. This assessment is normally done at a committee meeting held in late November each year. Once again the large number of nominations submitted and the quality of the flowers made for some difficult decisions, but finally the trophy winners were selected. It gives me great pleasure to announce the following Ira Butler, Bill Murdoch and Hermon Slade Trophy winners for 2007.

The 2007 Gold Ira Butler Trophy, for the Champion Australian Native Orchid Hybrid of the Year has been awarded to *Dendrobium* Jayden 'Goodie'.

A beautiful orchid owned by Phillip Grech and bred by John Purvis. It was the Grand Champion and Champion Australian Native Orchid Hybrid at the South and West Region 2007 Orchid Conference and Show. The plant was in excellent condition and featured strong upright stems of well shaped yellow flowers with light pink-purple labellums.

The following five nominations receive **Silver Ira Butler Trophies**

Dendrobium Intice 'Dungog', owned by Wayne Perrin

Dendrobium Avril's Gold x Yondi Tina 'Oscar', owned by Henk van den Berg

Dendrobium Australian Goldrush 'Hulk', owned by Chris Pegg

Dendrobium Elegant Heart, owned by Phena and Brian Gerhard (DUNO)

Dendrobium Avril's Gold x Yondi Tina, owned by Henk van den Berg

The following nominations receive **Ira Butler Certificates**

Dendrobium Anne's Rainbow Surprise 'Magic', owned by Arthur and Phyllis Cochrane

Dendrobium Burgundy Cream x (Rutherford Blushing Bride x Rutherford Sunspot), owner G. Hobbs

Dendrobium Gillieston Gem x *kingianum* 'Speckles', owned by Ron Coppin

Dendrobium Awesome, owned by Phil Barrett

Dendrobium Jonathon's Glory 'Dark Joy', owned by J. and G. Webb

Dendrobium Tyabb 'Super Star', owned by Phillip Grech

Sarcochilus Judith 'Frank 2' owned by David Butler

Dendrobium Avril's Gold 'The King', owned by Grahame Beatton

Dendrobium Cam-Rahn 'No 2', owned by F. and H. Vernon

Sarcochilus hartmannii x Dove 'Snowflake', owned by J. K. Whitney

Sarcochilus George Colthup 'Bill', owned by J. K. Whitney

Dendrobium Tosca 'Wendy', owned by John Harris

Dendrobium (Pee Wee 'Keith' x Karen Nair) x *speciosum* 'Daylight Moon', owned by Les Johnson

Dendrobium Bardo Rose 'Celeste', owned by M. and G. Buesselman

Dendrobium Tosca, owned by David and Coralie Best

Dendrobium Ray's Spot 'Superb' owned by Peter Gibson

Dendrobium kingianum x Gillieston Pearl, owned by Jo Pinner

Dockrillia Etta Place, owned by Phena and Brian Gerhard (DUNO)

Dendrobium Avril's Gold 'Gosford Gold', owned by Phena and Brian Gerhard (DUNO)

Dendrobium Andrew Persson 'Surprise', owned by Cuming Orchids

Dendrobium Alick Dockrill, owned by David and Kay Cammack
Sarcochilus Heidi 'Ho! Albie', owned by Phena and Brian Gerhard (DUNO)
Dendrobium Bardo Rose 'Pink Delight', owned by John and Bev Gay

The 2007 Bill Murdoch Trophy for Champion Australian Species of the Year has been awarded to *Dockrillia linguiformis* 'Tumbi'.

A beautiful plant owned by Phena and Brian Gerhard of Down Under Native Orchids (DUNO). It was nominated at the Newcastle - Orchids in the Wetlands Show, where it was judged Champion of the Show. The plant had 74 racemes with an average of 29 pristine white flowers and provided a magnificent display.

The following nominations receive **Bill Murdoch Gold Certificates**:

Sarcochilus olivaceus, owned by John Douglas
Dendrobium tetragonum 'Bellingen', owned by Norm and Kay Mitchell
Dockrillia striolata 'Ruffles', owned by Phena and Brian Gerhard (DUNO)
Acianthus pusillus, owned by Nesbitt Orchids
Pterostylis obtusa, owned by Malcolm Guy

The following nominations receive **Bill Murdoch Bronze Certificates**:

Dendrobium antennatum, owned by K. and J. Heindke
Linguella sp. Karri, owned by Mark Clements
Dendrobium ((*speciosum* var: *curvicaule* x *speciosum* 'Robust') x *speciosum* var: *curvicaule* 'Daylight Moon'), owned by Grahame Beaton
Sarcochilus falcatus ('Clarrie' x 'Andrew') #4, owned by F. and H. Vernon
Dendrobium speciosum var: *speciosum* owned by B. and L. Burnham
Dendrobium bigibbum, owned by Steve Howard
Sarcochilus hartmannii 'Dopey', owned by Phena and Brian Gerhard (DUNO)
Dendrobium speciosum 'Georges River Special' x var: *curvicaule* 'Ted', owned by Henk van den Berg
Dendrobium kingianum 'KJM' x 'Dragonette', owned by Noel D. Oliver
Dendrobium speciosum 'Linus', owned by Ted and Winsome Walmsley
Dendrobium speciosum var: *speciosum* 'National White' x. var: *curvicaule* 'Ted', owned by Ted and Winsome Walmsley

The 2007 Hermon Slade Trophy for the Australasian Native Orchid Hybrid of the Year has been awarded to *Dockrillia* Tweetas.

A spectacular orchid, owned by Neville Lee, nominated at the ANOS Central Coast Group Spring Show, and bred by Bill Skillicorn. The plant carried 200 flowers with nearly all open together, well balanced and a lovely colour for this hybrid.

The following nominations receive **Hermon Slade Certificates**:

Dockrillia Catherine, owned by Les Johnson
Dockrillia Australian Ginger 'Big Guy', owned by Phena and Brian Gerhard (DUNO)
Dockrillia Oliver Jack 'Oliver', owned by Phena and Brian Gerhard (DUNO)
Dockrillia Australian Ginger 'Rhapsody in Blue', owned by Tony Clarke

The 2007 Hermon Slade Trophy for the Australasian Native Orchid Species of the Year has been awarded to *Dendrobium mohlianum*.

A stunning orchid owned by Phil Spence, nominated at the ANOS Central Coast Group Annual Sarcanthinae Show. An exceptional example of this rarely benched New Guinea species. Well grown and flowered and displaying the unusual combination of bright orange flowers with a red labellum.

The following nomination receives a **Hermon Slade Certificate**:

Coelogyne fragrans, owned by Brian Spurrs

***Sarcochilus minutiflorus* Bailey 1913**

Len Field

Previous names *Sarcochilus hillii* (F.Muell) F.Muell Var.*tricalliatum* Rupp 1936
 Sarcochilus tricalliatum(Rupp) Rupp 1951

Named from The Latin minim(us) meaning the smallest and the Latin flos A flower.
(le) A small flower.

A small pendulous epiphyte that is very closely related and has a resemblance to *Sarcochilus hillii* of which A.W. Dockrill claimed is a northern form.

First collected at Eidsvold Queensland in November 1912 by T.L. Bancroft and is a Eastern tropical species found from the Fitzroy River near Rockhampton Central Eastern Queensland to Prince Charlotte Bay in Cape York Peninsular.

Until recent times it was referred to as *Sarcochilus tricalliatum* which was named from the three calli on the disc. This species was discovered by Macpherson on Mt. Dryander North Queensland in 1935 and was described by the Reverend Rupp as a variety of *Sarcochilus hillii* and in 1951 it was separated as a species in its own right, but this has all been changed and it is now known as *Sarcochilus minutiflorus*.

Growing on small rough barked trees along creeks in the drier types of rainforests from the coastal plains to well inland which can be up to 130 kilometres from the coast. Leaves are two to ten and can be up to 100mm long, coloured a clear light green. Being about the same size and very closely resembling *Sarcochilus hillii* that the two plants are almost indistinguishable.

Flower racemes are up to 60mm long with two to eight fragrant flowers about 10mm in diameter with rarely more than two or three flowers open at the same time and these flowers can vary between wide opening to slightly closed and are coloured white and can be recognised from *Sarcochilus hillii* by there more fragrant smell. Flowering period is from November to January.

Cultivation. This would be similar to *Sarcochilus hillii* but a higher minimum temperature would be needed, slab culture should give best results. In nature during prolonged dry periods the leaves can dry off and roots and stems become shrivelled but after rain new shoots and roots appear from the stem, but again too much moisture particularly in cultivation can result in the plant becoming defoliated. Although a tropical plant it will grow in a temperate climate without heat as long as minimum temperature is not allowed to fall below about 10°Celsius not to often. Watering should be done between October and May and care should be taken to keep water of the stems, leaves and developing racemes. Water only the roots as water on the leaves can result in them turning yellow and defoliating. Plants should benefit from an occasional weak fertiliser.

The Mighty Mites

Nette Meggetto

(This article has been re-produced from the Central Coast Group Newsletter June 2007 which in turn was from ANOS Geelong Group Inc Bulletin, June 2006)

Two spotted mites, (*Tetranychus urticae* (Koch)) also known as spider mites or red spider mites, along with the false spider mites (*Brevipalpus californicus* (Banks) and *Tenuipalpus pacificus* (Baker)) are destructive and serious pest of orchids.

Their mouthparts have been developed for piercing and sucking plant juices. Mites are also able to move freely over the surface of the foliage, stems and flowers, until a suitable site for feeding is selected.

Two spotted mites: spin fine webs and in heavy infestations may result in the webbing completely covering the foliage. Two spotted mites are very small, only 0.5mm long, and a magnifying glass is necessary to see them clearly.

False spider mites: are only half the size of two spotted mites. Although attacking various orchid genera these mites are the bane of *Phalaenopsis* and *Paphiopedilum* growers.

Feeding on both the upper and lower leaf surface these mites cause pitted depressions of the leaves that frequently resemble the appearance of viral or fungal attack.

Life cycle: Over winter mites hide in dry cracks and crevices. Beginning their breeding cycle in spring, eggs can hatch in three to ten days. The young mites are smaller versions of their parents and begin feeding immediately. A whole life cycle may take from 5 to 22 days. Preferring warm and dry temperatures populations increase rapidly over summer and autumn, and a lot of damage can occur if left unchecked.

Symptoms: Damage is often denoted by discolouration, (silvering of the underside of the leaves in the case of two spotted mites), malformation and localized dead tissue. Leaves may drop off prematurely. The health of young plants may be affected and their development retarded. Buds may be aborted. If mites enter developing buds the flowers may be deformed. Flowers may also be reduced in size.

Control: The major difficulty in controlling mites is that you cannot see them and must rely on your ability to recognize the damage they do.

- Miticides such as Keltane and Omite must be used according to instructions but repeated applications of the same miticide can result in resistance.
- Biological control, using predatory mites. (*Phytoseiulus persimilis*)
- If lightly infested, fine water spray is effective to reduce numbers and increase humidity in the growing area.
- All purpose spraying oil is useful against over wintering mites, by smothering the mite and its eggs.
- Keep plants healthy, well watered and fed. Remove all weeds from the pots and growing area.

Further Reading: 'The Good Bug Book' published by Integrated Pest Management Pty. Ltd. 2002. Second revised edition.

Contains information about all the biological control organisms that can be bought 'off the shelf' in Australia and New Zealand. This book of 110 pages is available from the Australian Orchid Foundation for \$32.50, [at June 2007] includes postage to anywhere in Australia.

WHO AM I? – ANSWER

My common name is a legal requirement for cyclists – helmet.

And as for my species name:

My first is in Danger and definitely not in secure.

My second is in teEth but not in mouth.

For my third look in coloNies but not among the soloists.

In the LofTy Ranges but not the Adelaide Plains my fourth will be found.

For my fifth, look in dAmp, dark and sandy places, not in the dry, open ground.

My sixth is in tiny as well as roTund.

And my last two together, as well as my flower, look in AugUSt for then you'll be right.

But on the whole and contrary to my specific epithet I do not bite.

Corysanthes dentatus

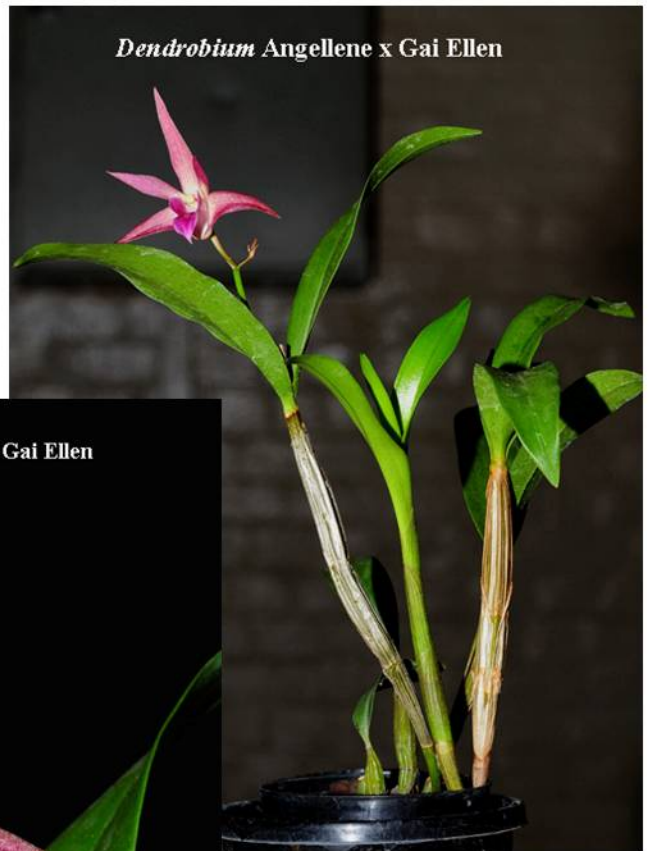
(Greek 'corys' helmet, 'anthos' flower and 'dentata' toothed)



Dendrobium schneiderae



Dendrobium schneiderae



Dendrobium Angellene x Gai Ellen



Dendrobium Angellene x Gai Ellen





PLANTS BENCHED NOSSA MEETING MARCH 2008—all photos by David Hirst

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LEFT & BELOW: *Arachnorchis behrii*
Double header

PHOTO: Robert Lawrence

