TOWNSVILLE ORCHID SOCIETY INC.



MAY 2013 BULLETIN

Full contact details are on our web sitehttp://townsvilleorchidsociety.org.au

TOS Inc. Directory of useful information:

Postal Address: Hall Location: Meetings are held 8pm
PO Box 836 D.C Joe Kirwan Park on the 4th Friday of each
AITKENVALE QLD 4814 Charles Street month except December
Ph: 07 4773420 KIRWAN QLD in the Townsville Orchid
Society Inc. Hall

General Meeting Novice/New Growers'

Friday 24th May Sunday 26th May at 8.00 pm at 1.00pm

Next Management Committee Meeting: Wednesday 29th May at 7.30 pm

wednesday 29 May at 7.30 p

Patron: Phyllis Merritt

President: Wal Nicholson Ph: 07 47734208 Secretary: Jean Nicholson Ph: 07 47734208

Email: walandjean@bigpond.com

Assistant

Treasurer: Charles Lee Ph: 07 4778 4815

VP Show: Marie Bloom Home: 07 47783497

VP Bulletin: Alis Siarni Mobile: 0406548057

TOS CALENDAR 2013

May 2013 24th – General Meeting - 8.00 pm

26th – Novice /New Growers' Meeting – 1.00pm 29th - Management Committee Meeting – 7.30pm

Annual Membership Fees

City Family \$18.00 Pensioner Family \$9.00 City Single \$14.00 Pensioner Single/Junior \$7.00

Details for paying membership fees: BSB: 064823 Account Number: 0009 0973 Name of Account: Townsville Orchid Society Inc. Commonwealth Bank, Aitkenvale Fees are due 1st September each year.

JUDGES FOR MAY & JUNE

MAY

MASTERS/OPEN D. BENSON, C. TRUSCOTT NOVICE/SPECIES T. BOON, A. KNOWLES

JUNE

MASTERS/OPEN R. DAVESON, W. SEWELL NOVICE/SPECIES O. KROGH, A. HUGHES

<u>TOS - 2013 SHOW</u> <u>DATES</u>

Winter - 21, 22 & 23

June

Spring - 13, 14 & 15
September

TOS Members: To print, put in envelopes, put on stamps, and then post copies of the Bulletin, costs time and money. If you would like to receive the TOS Bulletin by email you can email me on the following email address: siarni@gmail.com. You will then receive the Bulletin in colour, with the occasional attachment.

Registrar's Choice Species: Den. johannis gained 79 points for J & A Knowles



Registrar's Choice Hybrid: Den. Aileen
Lang x Den. canaliculatum gained 80
points for W & C Sewell



Registrar's Choice Specimen: B. Little Stars owned by W & C Sewell



PRESIDENT'S REPORT

Last month I mentioned the possibility of purchasing another pallet of bark and now have orders for just over half of a pallet. If I can obtain order, for another half dozen or so bags, we could safely order a pallet, so let's hear about it if you are interested.

The busy state of orchid life continues with the T.Q.O.C. Inc. Conference just over and quite successful it was too. Not having the usual Monday holiday led to a lessening in registrant numbers and the early morning departure of many others. Jean and I left Cairns at 4.20am Monday. It was raining and very, very dark and the drive to about Tully quite nerve racking with overall about one hours' delay with lots of road works. Plant sales were great with prices very attractive. Congratulations to Bruce Gray of Atherton on achieving Grand Championship Award. Continuing with T.O.O.C. Inc. news: Mackay and District Orchid Society Inc. is to apply to host the Australian Orchid Conference after the next one (which is to be held in Darwin). Societies to host future T.Q.O.C. Inc. conferences are committed for 2014 and 2015 only. A year or so ago I sought support for T.O.S. Inc. to host 2017, which year is our seventieth, and was met with a resounding rebuttal. I think we should now reconsider. Bowen is interested in going again but is waiting for us to act first. What about all of you willing workers? 2017?!? By the time you read this our trip to Bowen for their Field Day will also be over, quite successfully I bet. Our Winter Show is now only weeks away -21-23 June, and Jean and I will be away for a week or so in the interim. Then we have our monthly meeting a week later when Jean and I will again be away for several days. Judging by the huge attendances at our Novice/New Growers meetings there is no doubt support should be readily available. Think about these various events and please volunteer to help where possible. Keep 'em growing. Nicholson

NOVICE/NEW GROWERS' REPORT

Novice/New growers Report:- We trust all 72 members and visitors enjoyed our April meeting. Many orchids found new homes after our Autumn Show, so we hope that we can now attract the new owners to become members of our society. Exhibiting and being involved is just as important as owning a Grand Champion Orchid. We now look forward to seeing you all now at the Winter Show on the 21st, 22nd and 23rd of June. We have to give Jeffery a big vote of thanks for his help for conducting the afternoon proceeding as we were unavailable at the start due to the Christening Ceremony of our fifth great grandchild on that morning. Delia spoke about the secateurs cutters that she had recently purchased and which one Delia considered best to use to cut her orchid plant with and for other one to use on a foliage plant.

Coelogyene **pandurata** orchid is a green flowered species that come from the Malay Peninsula, also the Asian Islands of Sumatra and Borneo. It grows epiphytically or as terrestrial at low to high altitudes. It's pseudobulbs are spaced well apart and tends to be flatted in shape. They are up to 7 ¾ in. (19cm.) long and about 2 ¼ in. (7cm.) across. They have two leaves and the inflorescence will develop from the new growth and bear up to 15 flowers. The fragrant flowers are about 4 - 5 ½ in. (10-13cm.) wide and occur throughout the year. The wide gap between this species' pseudobulbs makes it difficult to contain in a pot, so slab cultivation is best. This orchid was the subject of a talk that Ray Robinson gave to the members so we have to thank Ray for all his knowledge information that he so willing gives to help all our members to know their orchids better. We were then privilege to view a powder point presentation of a recent holiday in Singapore which Jeff put together for our members. This programme showed us a wonderful way on how to grow our orchids on trees in our garden (nature's way). Don't be afraid to experiment with the so-called difficult orchids, also for those who cannot afford to build a shade house just yet.

It was great to see Maureen at the meeting last Sunday after a long illness; Wal, Stacey and Grant who are all nursing a leg problem also, we wish for a speedy recovery to all our other members who are not enjoying the best of health at the present time.

Once again there was a good response to our seedling competition so keep returning your seedling plants for a measurement each month in the future. Whilst several new members gathered around a table, Antionette, Jenny and Kerry again demonstrated how you go about deflasking little seedlings from a flask. Again a very nice display of flowers on the tables for the Popular Voting Competition and the results were in the Novice Section:- 1st Peter & Joanne Lucke, with Peter & Mary Cooper and Peter & Joanne Lucke tied for 2nd & 3rd Placing. Open Section results were Antionette Roberts 1st. Bruno Fighera 2nd. Wal & Lyn Carlill was 3rd. We had a wonderful afternoon tea and we would like also to say thanks to everybody for your generous donations of prizes to the Raffle Table and for your support in the purchasing of Raffle Tickets.

MINUTES FROM GENERAL MEETING HELD 26 APRIL 2013

Meeting Opened: by President W Nicholson. Welcome to visitors.

Minutes: of previous meeting held 22 March 2013 Moved a True Record by T Phillips. Seconded by R Rasmussen. Carried. Business Arising From Minutes; Nil.

<u>Correspondence: Inward:</u> Campbell's Coaches/A/c paid; Rod Norman Electrical/A/c; CTR Electrical/Quote/Aircon; Pod's/A/c paid; Cleaner/A/c paid; Acuri & Associates/Insurer/Change of handler for A/c; Lea Crawford/ Bundaberg Judge/Winter Show;

T Boon/answer forwarded email; David Crissafulli/change alcohol law; Escape Travel/Ghan Group Tour; N Grundon/student training course 19 May information; Townsville & District Garden Club Inc./Invitation Friendship weekend 17/18 August/weekend schedule;

G Cheetham/shade-cloth; Bunnings/Ladies night/Wednesday 29 May; Australia's Biggest Morning Tea invitation/18 May; Townsville Plant & Garden Expo/5/6 October/Riverway Precinct; Hall Hire/several emails; Orchid Wiz/2 additions/Orchid Wiz.

<u>Held Over:</u> TQOC Inc./details Conference/3-5 May; Bowen Field Day/19 May; Other Society Biulletins; AOS Magazine; Australian Review; Orchids Australia. <u>Outward:</u> Hall Hire/emails; Lea Crawford/answer; Townsville & District Garden Club Inc/answer re tables/A/c electrical work TV/W Sewell/emails/membership list/Ingham bus list; A Siarni/emails/bulletin items. J Nicholson Moved Inward Correspondence be Received and Outward Correspondence be Confirmed. Seconded by J White. Carried.

<u>Business Arising From Correspondence:</u> Plant & Garden Expo would charge \$50 per metre for 3m x 3m space. 6m x 3m \$100. Under cover. No advice on selling. Over 2 days 5/6 October. Will consider.

<u>Treasurer's Report:</u> given by C Lee who Moved that Report be Received and Cheques Passed for Payment. Seconded by G Christophers. Carried.

<u>Business Arising From Treasurer's Report:</u> W Nicholson reported on Show results which were very satisfactory. Have a forum following Tea Break.

Novice/New Growers Group: Meet on Sunday as usual. Sewells and Nicholsons will be late.

Registrar's Choice: Hybrid: Den. Aileen Lang x *Den. canaliculatum* gained 80 Points for W&C Sewell. **Species:** *Den. johannis* gained 79 Points for J&A Knowles. **Specimen:** B. Little Stars owned by W&C Sewell. Congratulations to the growers.

<u>Certificates:</u> given out. Registrar's Choice – N&M Grant. Winter Show – P & J Lucke for Novice Champion, Novice Reserve Champion, Champion Laeliinae and Champion Paphiopedilum; W&C Sewell Champion Oncidiinae.

Satchels: Presented to Jo van den Dolder who took W Tracy's as well.

Photos: E Boon will take photos for Registrar's Choice.

General Business: M Bloom spoke on Student Judges Course on 19 May, being on same day as Bowen Field Day. T Boon to contact N Grundon. Will have to arrange meeting times earlier as hall is heavily booked. G Christophers asked about Garden Club – wait and see. He also asked if air-conditioning will affect our plants in room for three or four days during the shows. Not good for plants. Have had shows in air-con previously and they survived, but doesn't mean we will have air-con on during shows. Main reason to have air-con is for hiring hall during hot weather. Now have three quotes to study.

Bowen Field Day list circulated. Cost \$35 per member which includes \$5 for lunch. Departure time 5.30am.

List for bark order circulated.

<u>Plant & Garden Expo:</u> Following discussion a decision was made not to attend. W Nicholson will make further inquiries. Three different sites available.

Christmas in July: Following discussion this will be held at July meeting.

<u>Constitution /Rules:</u> J Knowles asked what decision was made regarding By-Laws/Rules. Once agreement is forthcoming about By-Laws/Rules and they are passed by Management Committee they will be separate from Constitution. 2014 we will be under ACNC along with all non-profit organisations.

Following Tea Break A Boon gave a commentary on the Tabled Plants and discussed some items with members.

Show: Show Roster for Winter Show circulated. Changed format at Autumn Show accepted. Happy with back-to-back stands. To check members selling from T.O.S. Inc. table. Money distribution at show worked well.

<u>CTT Irrigation Scheme:</u> Could be delayed – advised to contact Ray Collins.

Management Committee meeting changed to Wednesday 1st May at 7.30pm, as some members will be absent in Cairns on 3rd of May.

<u>Lucky Door & Raffle:</u> drawn – congratulations to winners.

Meeting Closed: 10.00pm.



This beautiful Paphiopedilum is being grown by a friend of Grant's and mine in Wollongong, NSW. His collection is small, all from one plant, but all his plants are healthy and strong, despite the cold that invades the southern states. He grows them in the shade, outside, this plant has never been fertilized, and is watered infrequently. Last year this plant had two flowers on it, and at the moment there are a total of twelve flowers and/or buds.

EDITOR'S NOTES:

A very warm welcome to our <u>new TOS Inc. members</u>: E John Pollock; Alan Macpherson; Eric & Robyn Dundas; Maxine & John Cuddihy; Lyn Barden; Tom and Janet Woods; Neil Crees.

A belated very happy <u>April birthday</u> to Lyn Munch -28^{th} , and a very happy <u>May birthday</u> to the following members: Fred Marnock -2^{nd} ; Ann Roberts -2^{nd} ; Tom Woods -15^{th} ; Luz Lewis -19^{th} ; Wilma Dean -20^{th} .

Conferences:

7th Australasian Native Orchid Society Conference & Show hosted by Kabi Group Inc. 22 - 25 August 2013 www.ourshopfront.com/kabi

<u>Toowoomba Orchid Society Inc. Annual Spring Orchid & Bromelaid Show</u> 20 - 25 September 2013 (Carnival of Flowers Time) <u>Gympie Golden Orchid Spectacular</u> 8 - 9 June 2013 at The Pavilion, Gympie Showgrounds - \$5 - includes free parking <u>johnandkayegreen@southernphone.com.au</u>

SALE OF PLANTS AT FRIDAY MEETING: Bring along your surplus/for sale plants on Friday night, ensuring that they each bear a name tag as well as a price tag with your number and price on it. Quality plants, free of disease etc. - and in respectable pots or mounts only please. **Pricing of plants at TOS Inc. Shows:** If you are placing plants at a TOS Ins. show for sale, please make sure that there is a price tag sticker on the pot, as well as a tag with the price on it, to ensure there is no confusion as to the ownership of the plants, and the price of the plants.



Vaughnara Grapelade

C. Vangh Nara Grape Glade – the search for its real name.

At the Townsville Orchid Society's successful Autumn Show recently, I bought an advanced seedling with the above name, as did several other show-goers. It was so advanced that it sported a flower spike (which has since flowered). As I do with all my newly acquired plants, I searched for it on OrchidWiz, the popular Orchid computer program (the Townsville Orchid Society has OrchidWiz, which is available to all members – just ask the Librarian). I wanted to check on its parentage but was frustrated when I could not find this name in any genera. Nor could it be found when I searched for a name "containing vangh nara" then "vangh" then "grape glade". I closed the program, grumbling about vendors putting labels on plants that I couldn't trace.

This morning I was in my bush house, admiring the flowers (which indeed have a dark purple colour reminiscent of grape juice) and had another look at the label, particularly the part that said "vangh nara". And I had an inspiration! It is easier to see when it is all written in lower case (see above) – if you turn the first "n" upside down, it looks just like a badly-written form of "Vaughnara", which is a well-known hybrid genus containing a mixture of Cattleya, Brassavola and Encyclia.

I raced to OrchidWiz and called up all names containing "grape", put the genera in alphabetical order – and there at the bottom of the list was **Vnra. Grapelade!** The "C." in the name is an obvious red herring.

Due to recent work by geneticists, many of the generic names in the Cattleya family have been changed, and Vaughnara has become Encyleyvola [Eyy]. My plant now has a new label saying "Encyleyvola Grapelade". The parentage is Encyvola (formerly Brassoepidendrum [Bepi]) Phoenix x Cattleya schilleriana. Bepi Phoenix is a hybrid between B. nodosa and E. phoenicea. To those who will no doubt raise the subject – yes, I am aware it is not from the Vanda family.

Noel Grant, April 2013. Helped by OrchidWiz!

Article Review.

Clarke, F. 2012, 'Cattleya Plant Culture', Australian Orchid Review, vol 77, no. 3, pp.15-16.

Fred Clarke is a successful orchid grower and world wide orchid speaker from the USA and in this short article he clearly discusses his techniques in the growing of *Cattleya* orchids. In summary his methods are,

Watering and Fertilising.

- Fertilise with every watering,
- Use 100ppm Nitrogen (see note below),
- 2/3times per week in summer, once per week in cooler months.
- Check potting mix has dried out sufficiently before watering,
- Flush with clean water (without fertiliser) twice one hour apart, once per month.

Light levels, temperature and air movement.

- Cattleyas like 2500 to 3000 foot candles,
- Summer temperatures: day 24-30°C and night at 15-24°C,
- Winter temperatures: day 18-26°C and night at 12-15°C,
- Have good air movement.

Potting mix and pots.

- 3 parts NZ bark and 1 part perlite,
- Size of particles is based on pot size, e.g. for 50-80mm pots use fine grade bark and #2 perlite,
- Plastic pots work well,
- Do not over-pot, select pot size to allow 2-3 years growth.

Repotting and dividing.

- Wait until you see new active root tips before repotting,
- Remove most old media but avoid damage to new root tips,
- Keep divisions to 3 to 5 pseudobulbs.

Remember that Fred grows his orchids at Sunset Valley Orchids in Vista, California, USA so growers need to consider whether his methods are suitable for their own conditions.

Note: When using the fertilisers available from the Townsville Orchid Society's member club shop, you need to mix according to these amounts to achieve the 100ppm nitrogen.

- GF9 (flowering fertiliser, 13.7:4.6:22.5 + TE) use 0.75 g/L
- Peters Winter Grow Special (growth fertiliser, 20:4:17 + TE) use 0.5 g/L
- $\bullet \quad \text{Peters Blossom Booster (bud fertiliser, } 10\text{:}13\text{:}17 + \text{TE)} \\ \text{use } 1\text{g/L}$
- Calcium nitrate (growth and calcium, 15.5:0:0 + 19Ca) use 0.65 g/L

Happy Growing. Jeff Knowles



Tabled Plants April 2013

Section:	Veterans
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Type: Phragmipedium Phrag. Praying Sargent W & J Nicholson Type: Paphiopedilum Paph. Saint Swithin x concolor W & J Nicholson 2nd Paph.Shirleen W & J Nicholson Type: Misc Vandaceous 1 Dar. Fuchs Cream Puff x Vasco. Tham Yuen Hae N & M Grant 2nd Hmra. Brighton's Friendship N & M Grant 3rd Dar. Fuchs Cream Puff X Vasco. Tham Yuen Hae. N & M Grant

Type: Misc Vandaceous 2 Ascda. Roslyn's Best 'Brighton' N & M Grant 2nd Ascda. Princess Mikasa 'Blue' F & D Marnock 3rd Vanda. Princess Blue 'Blue Boy' W & J Nicholson

Type: Cattleya - Brassavola nodata influence W & C Sewell B. Little Stars W & C Sewell 2nd Bc. Maikai

3rd Eyy Grapelade N & M Grant Type: Cattleya - cluster 1st Blc. Blue Grotto x (Lc. Roeblingii x

C. bowringiana) W & J Nicholson 2nd C.Barbara Kirch W & J Nicholson

Type: Cattleya - small L. dayana x C. walkeriana N & M Grant 2nd Pot. Sweet Sugar W & J Nicholson

Type: Cattleya - medium 1st Blc. Srivilas Gold W & C Sewell

2nd Blc. Goldenzelle x Pot.Hisaka Akatsuka W & J Nicholson 3rd Lc. Little Suzie x Lc. Adolf Hecker W & J Nicholson

Type: Cattleya - large Blc. Waikiki Gold x Rlc. Toshie Aoki W & C Sewell 2nd Bc. Portage Glacier W & J Nicholson 3rd Blc.Toshie Aoki W & J Nicholson

Type: Bulbophyllum Bulb. Fascination M. Bloom 2nd Bulb. Fascination W & J Nicholson 3rd Bulb. Elizabeth Ann W & J Nicholson

Type: Misc 1st Spath, S W & J Nicholson Spath. Star Burst 2nd Hwra. Lava Burst M. Bloom

3rd Ctsm. hookeri x tabula W & J Nicholson Type: Dendrobium – small spath 1st Den. Aileen I ange v constitution

Den. Aileen Lange x canaliculatum W & C Sewell 2nd Den. Burana Mint x Blue Twinkle W & J Nicholson

Type: Dendrobium - 3/4 Den. Sonya Bonn W & C Sewell 2nd Den. Pixie Stripes W & C Sewell

Type: Dendrobium - Phalaenanthe Den. Autumn Show x Elva Ann W & C Sewell 2nd Den. Priachawab x Chao Praya Gem W & C Sewell

Section: Open

Type:

1st Smbc. Splendid Bow R & J MacIntyre P & L Lewis 2nd Lc. Star Parade

Type:

1st Blc. Hawaiian Leopard 2nd B. Little Stars P & L Lewis G Christophers & A Siarni 3rd. Pot. Merinda Star P & L Lewis

Type:

Lc. Bonanza Queen Prophecy x Lc Bonanza F & D Marnock

2nd C. Inez Okimoto x Blc. Burdekin Bells F & D Marnock 3rd Blc. Burdekin Storm P & L Lewis

Type: 1st Dtr

Dtps. Alices Bleeding Heart x Amy Louise F & D Marnock

2nd Dtps. Siam Treasure x Dor. pulcherrima F & D Marnock

Type: Misc

Paph. Vanguard R Rasmussen 2nd Ascda. Jean Ward x

Asctm curvifolium G Christophers & A Siarni

Section: Species

Type: Australian Native Den. johanis J & A Knowles 2nd Den. bigibbum W & C Sewell 3rd Den. bowmannii M Bloom

Type: 1st Den. superbiens C. Osborne

Type: Cattleya

C .violacea N & M Grant 2nd C. walkeriana N & M Grant 3rd C. luteola N & M Grant

Type:

1st Coel. trinervis M Bloom 2nd Pholidota imbricata W & J Nicholson 3rd Paph chamberlainianum W & J Nicholson

Type: Bulbophyllum

Bulb. morphorogorum W & J Nicholson 2nd Bulb. cupreum W & J Nicholson 3rd Bulb. lasiochilum W & J Nicholson

Type: Phalaenopsis

Dor. pulcherrima F & D Marnock 2nd Phal.cornucervi M Bloom 3rd Dor. pulcherrima M Bloom

Section: Novice

Type: Misc

Rlc. Sanyung Ruby P & J Lucke Den. Sister Ann-Maree x Elva Ann P & J Lucke

3rd Den. Burana Princess

T. Phillips

Type:

Ctna. Unknown T. Phillips 2nd C.Mary Hick P & J Lucke

Type: 1st Ctt. Porcia 'Black Prince' P & J Lucke 2nd C. unknown P & J Lucke

Type: 1st Phap. Prim n Proper P & J Lucke

Points: 26 April 2013

Name	Veteran	Open	Novice	Species	Aggregate
Allison - Allan		3			3
Blanchard - Brendon & White					
- Lynne				1	1
Bloom - Marie		14		18	32
Cairns - June & Stacey		32			32
Christophers- Grant & Siarni					
- Alis		13		1	14
Fay - Stephen	4				4
Fighera- Bruno		28		2	30
Grant- Noel & Maureen	103			94	197
Googh - Steven and Fran			12		12
Hardwick- Noel		6			6
Keith - Mick	9				9
Kelly- Greg & Santina	60				60
Knowles- Jeff & Alison	14			15	29
Lee - Charles	20			15	35
Lewis - Peter & Luz		25			25
Lucke - Peter & Joanne			38		38
MacIntyre - Ross & Joan		31		7	38
Marnock- Fred & Donna		31		7	38
Nicholson - Wal & Jean	284			146	430
Osborne – Carl		3			3
Phillips - Tina			27	3	30
Rasmussen - Robert		4			4
Sewell - Warren & Clara	67			16	83
Steel - Alf	2			9	11

In Noel's Bush House 14



Vanda Rothschildiana 'Pink'

Vanda Rothschildiana (Chassaing) (1931)
This orchid is a hybrid between probably the two most important Vanda species – *Vanda coerulea* and *Vanda sanderiana* (now *Euanthe sanderana*).
Surprisingly, it wasn't registered until 1931. Its parents come from quite different climates – *Vanda coerulea* is found in India, Burma and Thailand at an altitude of 800 – 1700m and is a "cool grower" which is difficult to flower in Townsville; while Vanda sanderiana grows on Mindanao Island in the Philippines, from sea level to 500m, and is definitely

a tropical plant. The combination makes Vanda Rothschildiana easy to grow in many parts of the world.

It was named after Baron Rothschild, a 19th century banker, who had extensive horticultural interests, including orchids. He was part of the famous Rothschild family, at one time considered to have the largest private fortune in the world.

The usual colour of Vanda Rothschildiana is blue, influenced by the colour of Vanda coerulea, but my plant is pink. I have owned it for more than 20 years, and I suspect the previous owner had it for a long time, which explains why it falls short of modern judging standards, the flowers having a noticeable "open" shape. With improved strains of both parents constantly being developed, modern Vanda Rothschildiana flowers are a vast improvement over those on my plant – one day, I will buy a modern remake. It is a tribute to the hybrid that my plant is still admired when it flowers.

Interestingly, Vanda Rothschildiana has her own Facebook page!

Noel Grant April 2013

References: "Vandas – Their Botany, History and Culture" by Martin R. Motes. Timber Press 2000

Computer program OrchidWiz

The Internet Orchid Species Photo Encyclopaedia http://www.orchidspecies.com

en.wikipedia.org