

TOWNSVILLE ORCHID SOCIETY INC.



May 2011 BULLETIN

Full contact details are on our web site. <http://townsvilleorchidsociety.org.au>



Species: *Bulbophyllum longissimum*
80 Points - owned by W&J Nicholson
Photo by J Nicholson

DISEASES OF ORCHIDS

Many Thanks to the West Moreton Orchid Group Inc. April 2011 Bulletin "Bits N Pieces"

Throughout the world some 25 viruses have been listed as infecting Orchids. A lesser number of viruses have been recorded in Australia, but as a result of intense surveying several new recordings have been noted. The most important viruses infecting orchids are Odontoglossum ring spot virus (ORSV) and Cymbidium mosaic virus (CyMV). Each of these had worldwide distribution and been known for many years. Viruses are the smallest, yet most destructive, type of plant pathogen so far described. They can only be seen with the aid of an electron microscope and then only when magnified tens of thousands of times. The infectious portion of the virus is the nucleic acid – this is surrounded or protected by a protein coat. This protein coat is the Protection afforded to virus that allows the virus particle to remain viable outside the plant cell. ORSV, for example, can remain viable for up to 7 months in dried sap. Virus particles, however, do need living plant cells to multiply. There are several techniques available to diagnose orchid viruses. Unfortunately, not all of them are available to the average grower. Each will be discussed with their advantages and disadvantages. **Leaf symptoms** are extremely variable and of limited value in disease diagnosis. Although this variability exists, the grower should be aware of the types of symptoms that can be associated with a particular virus. Although a particular virus has the same morphological characteristics within a group, the effect of that virus on the plant differs from genus to genus because of strain differences of virus, generic factor in the plants, and susceptibility of cultivars to virus. Leaf symptoms caused by ORSV and CyMV are very variable. Flower symptoms are a little easier to observe. The flowers of CyMV infected plants will show necrotic streaks within 2-3 days after the bud breaks open, but normally does not show for 10-12 days of opening. The Lavender flowered Cattleyas are possibly the easiest to determine virus infection with sunken brown necrotic spotting and streaking. The intensity of colour breaking varies from year to year. Research has shown that CyMV can be a greater threat because it may go undetected, especially in cymbidiums. **Bioassay** involves the transfer of sap from the test orchid to another species that shows diagnostic symptoms.

Within a short time of inoculation the presence of a virus may appear as yellow or brown necrotic spots on the leaves. CyMV and ORSV are the two viruses most frequently detected by this test.

TRANSMISSION: Viruses can be transmitted in several ways: (a) in sap (b) by insects feeding on the plant (c) by nematodes (d) in seed or pollen (e) during vegetative propagation.

CONTROL: Too often orchid growers accept virus as an unpleasant fact of life. This need not be so. By following a few simple procedures your valuable collection can be virus free.

(1) Diagnosis is the first line of defence in obtaining that virus-free collection. You don't need to know which virus it is, just whether the symptoms you are seeing are caused by a virus or not. **(2)**

Sanitation: Good hygiene within your orchid house is essential. The most stable viruses can survive well on cutting tools, benches and pots. The more fragile viruses which do not survive well tend to have insect vectors. Cutting tools etc. should be washed to remove any plant debris and soaked in a saturated solution of Trisodium phosphate (TSP) which is made by adding TSP to warm water until it no longer dissolves. There should always be crystals visible in the bottom of the solution. The tools should be soaked for up to 10 minutes and then washed thoroughly in water to remove any TSP. During repotting, work surfaces should be covered with clean newspaper, which should be replaced after each plant. Your hands should be washed thoroughly between clearing away the newspaper with the remains of one plant, and spreading the paper for the next plant. Plants at orchid society meetings and shows should be well spaced, no suspect plants allowed to exhibit, judges and commentators NOT to handle plants, and, if possible, benches covered with disposable covering. Build up of insects, such as aphids, scale and mealy bugs, which may transmit viruses, must be controlled. Page 1

		POINTS		29.04.11		
No.	Name	Veterans	Open	Novice	Species	Aggregate
85	Christophers -Grant & Sairni - Alis			8		8
180	Fay - Stephen & Graham		6			6
213	Grant - Noel & Maureen	74			77	151
106	Hardwick - Noel		19			19
117	Keith - Mick	8			9	17
116	Kelly - Greg & Santina	19			9	28
65	Kennedy - Les & Ames - Fran	37			8	45
193	Knowles Jeff & Alison				5	5
119	Korsman - Peter & Minnie	9			10	19
81	Lee - Charles & Jill		11		8	19
167	MacIntyre - Ross & Joan		35		6	41
77	Marnock - Fred & Donna		22		13	35
147	Nicholson - Wal & Jean	242			91	333
172	Sewell - Warren & Clara	150			23	173
216	Steel - Alf	16				16
82	Truscott - Charlie	11				11

TABLED PLANTS - 29.04.2011

VETERANS

Vandaceous

- 1) V. Unknown W&J Nicholson
2) V. Pat Delight 'Pink Charm' W&J Nicholson

Vandaceous

- 1) Aseda. Fuch's Gold x Aseda Pralor W&C Sewell
2) V. Karen Ono 'Blue Sky' W&C Sewell
3) V. (Gordon Dillon x Sanguian Blue) x Aseda. (Meda Arnold x Peggy Foo) W&J Nicholson

Vandaceous

- 1) (V. Gordon Dillon x Aseda Duang Porn) x Vasco Blue Haze 'Kurt' M&M Grant
2) Aseda Fuch's Gold x Rhy. *coelestis* 'alba' M&N Grant
3) Vasco. Pine Rivers 'Esan' W&J Nicholson

Dendrobium

- 1) Den. Andrea Millar W&J Nicholson
2) Den Andrea Millar W&J Nicholson

Dendrobium

- 1) Den. Ekapol 'Big Panda #1' W&C Sewell

Dendrobium

- 1) Den. John's Charm W&C Sewell
2) Den. (Anching Lubag x *cochlioides*) x Den. *canaliculatum* W&C Sewell
3) Den. *discolor* 'Broomfieldii' x Den. Anching Lubag W&C Sewell

Dendrobium

- 1) Den Palalo Sunshine 'Pure Yellow' W&C Sewell
2) Den. Liberty White W&J Nicholson
3) Den. Blue AP W&J Nicholson

Cattleya - over 105mm

- 1) C. Porcia Canizaro x Blc. Bryce Canyon W&J Nicholson
2) Blc Deesse 'Perfection' C&J Lee

Cattleya - Exhibition under 105mm

- 1) Lc. Netrasiri x C. Thospal Spot 'Africa Beauty' W&C Sewell
2) Blc. Husky Boy W&C Sewell
3) Pot. Sweet Sugar 'Happy Field' W&J Nicholson

Cattleya

- 10 Blc. Mackai 'Mayumi' W&J Nicholson
2) B. Little Stars x Slc. Merinda Lust W&C Sewell
3) Pot. Hoku Gems 'Super Spots' N&M Grant

Cattleya - Cluster

- 1) Slc. Golden Wax 'Galaxy' N&M Grant
2) Slc. Golden Wax 'Galaxy' N&M Grant
3) L. *flava* x C. *aurantiaca* N&M Grant

Cattleytonia Type

- 1) Ctna. Capri 'Lea' x Sc. Batemanniana 'Bette' W&J Nicholson
2) C. Sedlescombe 'Gentpei' x Ctna. Keith Roth 'Richella' W&J Nicholson

Oncidium - Alliance

- 1) Onc. Sharry Baby 'Sweet Fragrance' W&J Nicholson
2) Howeara Mary Eliza W&J Nicholson
3) Onc Sharry Baby 'Sweet Fragrance' W&J Nicholson

Oncidium - Miscellaneous

- 1) Mtssa. Royal Robe 'Jerry's Pick' W&J Nicholson
2) Colm. Wildcat 'White Cat' W&J Nicholson
3) Brs. Unknown W&J Nicholson

Bulbophyllum

- 1) Bulb. Elizabeth Ann Buckleberry W&J Nicholson

Calanthe

- 1) Calanthe William Murray W&J Nicholson
2) Calanthe William Murray W&J Nicholson
3) Calanthe William Murray W&J Nicholson

Oncidium

- 1) Onc. Makalii Gotah W&C Sewell
2) Onc. Gower Ramsay C&J Lee

Paphiopedilum

- 1) Paph. Pinocchio W&J Nicholson
2) Paph. Shireen W&J Nicholson

Phragmipedium

- 1) Phrag. Calurum W&J Nicholson

OPEN

Vandaceous

- 1) Aseda Udomsuk x (Aseda Chom Kao x V. Charles Goodfellow) N Hardwick
2) V. Captain Chor x V. South East R&J MacIntyre
3) (Aseda Butterfly x V. Udom Gold) x V. Crimson Glory R&J MacIntyre

Cattleya

- 1) Blc. Burdekin Delight x Blc. Dream Trader F&D Marnock
2) Bc. Maikai 'Mayumi' F&D Marnock

Oncidium

- 1) (Onc. Goldiana x Star War) x Onc. *flexuosum* R&J MacIntyre
2) Den. Samarai R&J MacIntyre

NOVICE

Cattleya

- 1) C. *walkeriana* Alba x Slc. Golden Wax G Christophers & A Siarni

SPECIES

Dendrobium

- 1) Den. *bigibbum* W&C Sewell
2) Den. *bibibbum* Var. *bigibbum* M&N Grant

Miscellaneous

- 1) Guar. *bowringiana* x V. *coerulea* N&M Grant
2) Bark. *whartonia* C&J Lee
3) Bark. *whartonia* C&J Lee

Miscellaneous

- 10 Den. *formosum* W&J Nicholson
2) Eria. *tomentosa* N&M Grant
3) Dor. *pulcherrima* Red x Red F&D Marnock

Bulbophyllum

- 1) Bulb. *longissimum* W&J Nicholson
2) Bulb. *lilacina* W&J Nicholson

President's Comments:

The missing Library book on Bulbophyllums is still absent. Some member must have it so please come forward otherwise we will need to restrict access to the library only on set times to ensure that this does not happen again. No doubt many of you will have experienced the same intermittent problems as me, with rats eating favourite blooms and chewing plant stems, not to mention the occasional sortie into the ceiling for a dance. Well! Over many years I decided that Talon brand pellets to be the best cure; admittedly the stench after a few days is unattractive, but dissipates within a week. Well the chain stores used to sell Talon packeted by Selleys at about five dollars – which gradually increased to seven – then they ceased to stock it and Bunnings sold it for around eight dollars – last year Bunnings had larger packets by Syngenta Crop Protection for twenty something dollars. Now they have decided not to stock that so I tracked down a local business that can supply it by the bucketful – 10Kgs at \$166 plus GST – so! If members are interested we could purchase same and divide it up at a much cheaper rate than the retailers, who may still stock the small packets at \$8 for 150gms. In the meantime acquired 10Kgs of the wax blocks which you could have at \$8.50 a half Kilo. If interested please give me a call.

We have reached a relatively quiet period with building requirements etc. and next show not till July, so can catch up on repotting and other chores which are usually deferred until such periods – weeding, fungiciding, insecticiding, not to mention fantasising – much of the latter – how great are our personal orchids. Those of you are not aware of or haven't taken the time to look at the other Societies' newsletters on the notice board, please have a look. You'd be surprised at the interesting information which crops up from time to time. Several of our longstanding members get a lot of information from this source as well as ideas about club activities.

Solar Panels are up and it was interesting to watch our meter running backwards before the installers left the site. Ergon will inspect sometime in the coming weeks. Enjoy your orchids. Wal Nicholson

Novice/New Growers report:- On a fine autumn afternoon on the 1st May, 46 members met at the Townsville Orchid Society Hall Inc. Charles Street Kirwan for our monthly meeting. A short discussion on a few Dendrobium plants that had been placed on the front table such as the Phalaenanthe (hard cane), Intermediate or Spatulata type and the difference between each one and the necessary requirement that is needed in regards to how and when to water and fertilize them in their growing and flowering season. As the phalaenanthe type dendrobium does have a dormant growth period during the winter

months (May to August), so it is advisable to water less frequently and not to fertilize them at all during this time. As for the Intermediate and the spatulature type orchids watering and fertilizing can be carried on as normal. Spray for insects and mites and fungicide as a preventative measure for the winter period. Also what can be done for flower induction for Phalaenopsis plants seeing so many of our new growers are growing them so well. Our thanks to Ray Robinson who is always there to help in any way to answer questions or queries about plants that a member may have at the meeting.

Well what a wonderful power point presentation Jeff put together for our members on their recent holiday in Taiwan. The presentation and arrangement of the masses displays of all the Phalaenopsis, Vandaceous and Oncidium flowers at the Taiwan Orchid Conference would have been magnificent to see and we will be looking forward to your next programme in the near future. Thank you Jeff and Alison for the time and effort you both put into this power point programme. The Popular Vote Competition in the Novice section was Ziggy & Barbarba Dylejko 1st, June & Stacey Cairns 2nd and in the Open section Ann Scholl 1st, Wal & Lyn Cahill 2nd with Neita Coulson 3rd. We would like to wish all our sick members the best of health and hoping there are many better days ahead for them in the near future. Thanks again for your generous support towards our afternoon tea table and your donations supporting the Multi Raffle and tickets for same. The next meeting will be held on the 29th May. We hope to see you all there.

Warren and Clara Sewell

SPECIES ORCHIDS

A species orchid is a plant found growing in the wild natural state which has not been bred by man. Many of these are suitable to grow in this area in a shade house. The list would be too extensive if every one was included, so the grower interested in adding some species orchids to their collection, may like to consider some of the following:-

Cattleya bowringiana – this is a natural hybrid from Honduras. It can produce up to 20 rose-purple flowers.

Cattleya loddigessi – comes from Brazil and has long slender pseudobulbs which bear 5 to 6 long lasting rose-lilac flowers.

Cattleya forbesii – comes from Brazil and has tan to yellow flowers with a tubular lip with side lobes of pale pink on the outside and a deep yellow throat marked with red wavy lines. A suitable compost for growing would be 3 parts of bark to one part of blue metal.

Meeting Opened: 8pm by President Wal Nicholson who wished several members including M Korsman and A Withers a speedy recovery. Don't forget to sign the Attendance Book. The new car park was discussed. Bank of Queensland will give us \$1,000 towards drainage carried out before car park was repaired by the Townsville City Council to the value of \$27,000.

Minutes: of previous meeting (25.03.11) Moved a True Record by G Christophers. Seconded M Bloom. Carried.

Business Arising From Minutes: Nil.

Correspondence: Inwards: TC Council/Utilities Invoice; Southern Cross Media/Invoice; Qld. Govt. Grant/payment advice; Bowen O&F Society Inc./Field Day 15.04.11; N Grant/OrchidWiz DVD; E Boon/request/cupboard/P Valmadre; D Richards/Thank You card; Eco Fiesta/4-5 June; B Hazel/enquiry/Blc. Goldenzelle 'Lemon Chiffon'; Aranbeem Orchids/Open Day 4.7.11; Hall Hire/J Jarvis/ several other enquiries; J Knowles/numerous emails re bulletin etc./quote/Orchidaceous Books; Other Society Bulletins; Orchids Aust; Orchid Review; AOS Magazine; The Orchardian.

Outwards: Ald. Govt. Grant/numerous emails; D Richards/Thank you letter/donation; Townsville District Garden Club Inc./Letter/cheque/Field Days/30-31.07.11; B Hazel/answer; J Knowles/several emails; New Members – C Kingston, B Knight & D Elms; O.Q. Inc./ enquire/Sanders; Advertising letters/monthly meeting. Moved by J Nicholson that Inward Correspondence be Received and Outwards Correspondence be Confirmed. Seconded K Greenway. Carried. **Business Arising From Correspondence:** J Jarvis/Morning Tea/Cancer Council – members agreed on show of hands to hire hall for free 28.05.11; ANOS Inc.-Townsville Group donate The Orchardian yearly for use of hall; Echo fiesta/no one interested; Bowen O&F Society Inc./Field Day/maybe 5 members interested; cupboard for Judges to be discussed at Management Committee meeting; P Valmadre works full time at show. R Daveson suggested there was another member who travelled as far – if he unhappy approach the committee; Have had about \$60,000 in grants over several years/ hot water on roof/rest to be completed eventually. 2 plumbers approached re hot water system/no result so far; Sanders latest three year edition up to 2010 now available. Vote to purchase for library.

Treasurer's Report: given by C Lee who Moved Adoption of Report with confirmation of Cheques Issued. Seconded by R Daveson. Carried. **Business Arising From Treasurer's Report:** Nil.

W Nicholson reported in Bulletin about the successful show, making a reasonable profit even though we didn't charge because of state of the car park – things went very smoothly.

Novice/New Growers' Report: given by W Sewell. R Nicholls was to speak on Sunday on Dendrobium Phalaenathes but unfortunately can't be there so J Knowles will show Taiwan slides.

Registrar's Choice: Hybrids: Onc. Makalii 'Gotah' owned by W&C Sewell – 79 Points. **Species:** Bulb. *longissimum* owned by W&J Nicholson – 80 Points. **Specimen:** Blc. Makai 'Mayumi' owned by W&J Nicholson.

General Business: C Berzinski requested an enquiry to Council about supplying a rubbish bin. Will discuss with them. W Sewell remarked on marks from unruly drivers on new car park but Council refuses to allow front gate to be locked.

C Lee presented a show on Tolumnias, which he had converted from old AOC slides, adding some photos taken from G & S Kelly's green-house, along with information on how they grow these plants. Appreciation shown by acclamation from members.

Lucky Door and Raffles: drawn following the tea break. **Meeting Closed:** early at 9.05pm to allow members to leave to watch the Royal Wedding.

FIELD DAY: Please remember that our field day will be held on Sunday 2 October this year and many hands will be required to make it a great day. Clean up those shade houses and see if yours is able to be visited on the bus tour. Also we will require donations of sweet and savoury items to serve at the morning and afternoon teas and volunteers to work in the kitchen.

Shop

Many Thanks to Allan Hughes who returned from Bundaberg with a well loaded van, bringing home the orders from Orchidaceous, of tags, clips and sphagnum moss, which will be available at our next meeting if Jeff and Alison get home from Rockhampton where they are visiting Jeff's nearly 90 years old father who has medical problems.

HANDY HINTS

Extract From the Neem Tree: an extract made from a Southeast Asian tree, has natural pesticide properties. It is non-toxic to mammals and can be used as a systemic insecticide on orchids to treat scale and other insects.

Application rate 30mls Neem Oil to 4ltrs if water, with a few added drops of dishwashing liquid. A slightly weaker solution can be used for regular maintenance. Neem Oil is biodegradable and breaks down quickly, but it does have a musty odour that may last for some time. It does not store well and should be mixed freshly as needed. Protective clothing is not needed but should be worn when applying all substances to plants

Mould: This is ever present in the air and one may see it attacking such as bread and cut pumpkin. In the shade-house, it may be detected when dividing plants or cutting blooms. Again, Bordeaux will provide a remedy.

Bordeaux Mixture: is a fungicide and insecticide prepared by mixing copper sulphate, hydrated lime and water. It can be purchased or a small quantity can be made by dissolving 2 parts of copper sulphate – 3 parts of hydrated lime IN 26 parts of water. Stir well. This will result in a light blue mixture which can be used within a few hours. Use while fresh and keep mixture agitated while spraying. Spray only in late afternoon. Alternatively sulphur powder is effective for powdery mildew and blight and is also an insecticide.

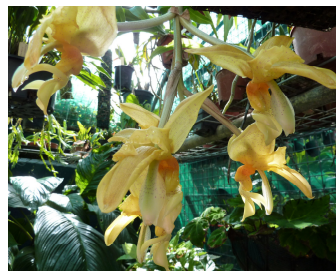
Thanks to Nightcliff Orchid Society Inc. May Bulletin

A man and his wife were sitting in the living room and he said to her “Just so you know, I never want to live in a vegetable state, depending on some machine and fluids from a bottle. If that ever happens just pull the plug. His wife got up, unplugged the TV, and threw out all his beer.



You Can Always Trust an Aussie

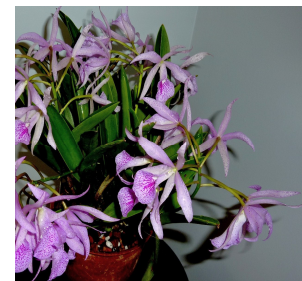
A plane passed through a severe storm – the turbulence was awful, and things went from bad to worse when one wing was struck by lightning. One woman lost it completely – she stood up in the front of the plane and screamed, “I am too young to die” she cried. “If I’m going to die, I want my last minutes on earth to be memorable! Is there anyone on this plane who can make me feel like a **WOMAN?**” For a moment there was silence – everyone staring at the desperate woman in the front of the plane. Then a handsome, tall, well built man, with dark brown hair and hazel eyes, from Australia stood up in the rear of the plane, slowly started to walk up the aisle, unbuttoning and removing his shirt as he went. No one moved. Muscles ripped across his chest. She gasped...then, he spoke.....Iron this will you, and then get me a beer.



Stanhopea wardii var. aurea



Onc. Makalii Gotah



Onc. Mackai 'Mayumi'

Day Dawn
N U R S E R Y

50 Kokoda Street, Fairfield Waters
Idalia Qld. 4811

Telephone: 07 4778 2272

Fax No: 07 4778 4187

Supply a large range of
Orchids & Foliage supplies

Including:

Quinkan Gravel

Maidenwell Diatomite (Absorba Lite)

Plastic square pots.....clay pots

Plastic name tags...Pearlite...Hangers

Bark totem poles...Fertilizers

**A WIDE VARIETY
OF FERNS AND FOLIAGE
ALWAYS AVAILABLE**